Sun King Pico Plus

Results based on test procedures detailed in IEC 62257-9-5 v.4

Meets the Lighting Global Pico-PV Quality Standards

1 Light point(s)

Plug-and-play

WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects.

PERFORMANCE DETAILS

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
<th>Run time after a typical day of solar charging (assuming 5kWh/m²/day)</th>
<th>Total light output (lumens)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turbo</td>
<td>0.33 W</td>
<td>3.9 hours</td>
<td>47 lumens</td>
</tr>
<tr>
<td>Normal</td>
<td>0.16 W</td>
<td>8 hours</td>
<td>26 lumens</td>
</tr>
</tbody>
</table>

Available daily electrical energy (Wh/day) 1.3

<table>
<thead>
<tr>
<th>Performance measure</th>
<th>Brightness setting: Turbo Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lighting full battery run time (hours)</td>
<td>4.3</td>
</tr>
</tbody>
</table>

Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any auxiliary lights included with the product) 180

LIGHTING DETAILS

<table>
<thead>
<tr>
<th>Lamp name</th>
<th>Number of lamps</th>
<th>Number of settings</th>
<th>Setting</th>
<th>Light output (lm)</th>
<th>Lumen efficacy* (lm/W)</th>
<th>CRI**</th>
<th>CCT***</th>
<th>Distribution type</th>
<th>Lumen maintenance****</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turbo</td>
<td>1</td>
<td>3</td>
<td>Turbo Mode</td>
<td>47</td>
<td>120</td>
<td>69</td>
<td>5000</td>
<td>Wide</td>
<td>100%</td>
</tr>
<tr>
<td>Normal</td>
<td>1</td>
<td>3</td>
<td>Normal Mode</td>
<td>26</td>
<td>160</td>
<td>70</td>
<td>4900</td>
<td>Wide</td>
<td>–</td>
</tr>
</tbody>
</table>

* Lumen efficacy is the power consumption at a light point during the light output test.
** Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.
*** Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)
**** Percent of the original light output that remains after 2,000 hours of run time

Verify online: www.lightingglobal.org/products/glp-skpicoplus

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### SPECIAL FEATURES
- Steel stand included
- DC charging port

### DURABILITY
- Overall durability and workmanship: Pass
- Durability tests passed: Switch test, Drop test, Strain relief test, physical ingress protection.
- Level of water protection:
  - Integrated Light: Has protection from frequent rain; met IPX3
  - PV module: Has protection from permanent outdoor exposure

### SOLAR DETAILS
- PV module type: Polycrystalline silicon
- PV maximum power: 0.39 watts

### BATTERY DETAILS
- Battery replaceability: Not easily replaceable with common tools.
- Battery chemistry: Lithium iron phosphate
- Battery package type: 1x14500
- Battery capacity: 0.47 Ah
- Battery nominal voltage: 3.2 V
- Battery status indication: One indicator shows whether the battery is charging or fully charged.

### MARKS AND CERTIFICATIONS
- Factory certification: ISO 9001, ISO 14001

### PRODUCT DETAILS
- Manufacturer name: Greenlight Planet Inc.
- Product name: Sun King Pico Plus
- Product model / ID number: SK-121
- Contact information: sales@greenlightplanet.com
- Website: www.greenlightplanet.com
- Dimensions (entire product in package): 11 x 22 x 13.5 cm
- Mass: 190 g

### QSS INFORMATION
- Spec sheet expiration date: January 31, 2022
- Quality standards framework version: 2020
- Revision: 2020.01