

# Sun King Pro All Night

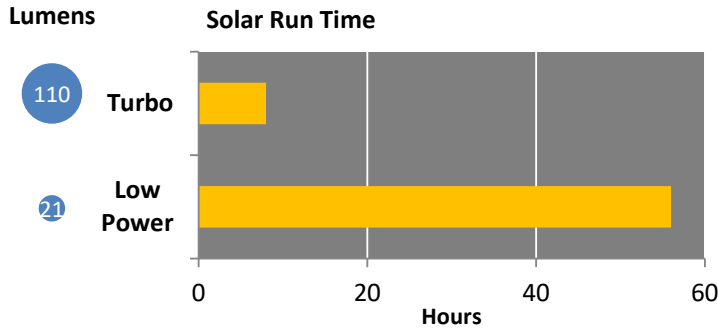
Greenlight Planet

Results based on test procedures detailed in  
IEC 62257-9-5, ed. 2.0

Verify Online:

[www.lightingglobal.org/products/gpl-skproallnight](http://www.lightingglobal.org/products/gpl-skproallnight)

Valid Until: July 30, 2018



**Meets Lighting Global  
Quality Standards**



**Mobile Charging**

**1**

**Light Point**



## Warranty Information

A 2-year warranty covering manufacturing defects

## Performance Details

| Performance Measure                                       | Brightness Setting*** |           |
|-----------------------------------------------------------|-----------------------|-----------|
|                                                           | Turbo                 | Low Power |
| Full battery run time* (hours)                            | 8                     | 65        |
| Run time per day of solar charging* (hours)               | 8                     | 56        |
| Total light output (lumens)                               | 110                   | 21        |
| Total area with illumination > 50 lux** (m <sup>2</sup> ) | 0.14                  | --        |
| Total lighting service (lumen-hours / solar-day)          | 880                   | 1200      |

\* Run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

\*\* Total area with illumination > 50 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

\*\*\* Additional brightness settings (not tested): Normal

## Lighting Details

|                             |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Lamp type                   | LED                                                            |
| Description of light points | 4 LEDs in light point                                          |
| Colour characteristics      | CRI 67<br>CCT "Near Daylight" (3000-5000 K)                    |
| Distribution type           | Wide                                                           |
| Lumen maintenance           | 109% of the original output remains after 2,000 hours run time |

### Special Features

|                 |                                                       |
|-----------------|-------------------------------------------------------|
| Mobile charging | Adapters included to charge mobile phone from battery |
| Stand           | Adjustable steel stand included                       |

### Durability

|                                    |                                                                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Overall durability and workmanship | Pass                                                                                                                               |
| Durability tests passed            | Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and protection from occasional rain |

### Solar Details

|                        |                         |
|------------------------|-------------------------|
| PV module type         | Polycrystalline silicon |
| PV maximum power point | 2.6 watts               |

### Battery Details

|                                        |                                      |
|----------------------------------------|--------------------------------------|
| Battery replaceability                 | Easily replaceable with common tools |
| Battery chemistry                      | Lithium iron phosphate               |
| Battery package type                   | Cylindrical 26650                    |
| Battery capacity                       | 3000 mAh                             |
| Battery nominal voltage                | 3.3 V                                |
| Appropriate battery protection circuit | Pass                                 |

### Marks and Certifications

|                       |                     |
|-----------------------|---------------------|
| Factory certification | ISO 9001, ISO 14001 |
|-----------------------|---------------------|

### Product Details

|                           |                                                                       |
|---------------------------|-----------------------------------------------------------------------|
| Manufacturer name         | Greenlight Planet                                                     |
| Product name              | Sun King Pro All Night                                                |
| Product model / ID number | SK-302                                                                |
| Contact information       | tpwalsh@greenlightplanet.com                                          |
| Website                   | <a href="http://greenlightplanet.com">http://greenlightplanet.com</a> |

### SSS Information

|                                     |               |
|-------------------------------------|---------------|
| Specs sheet expiration date         | July 30, 2018 |
| Quality Standards Framework Version | 2016          |
| Revision                            | 2016.06       |