

Sun King Pro All Night

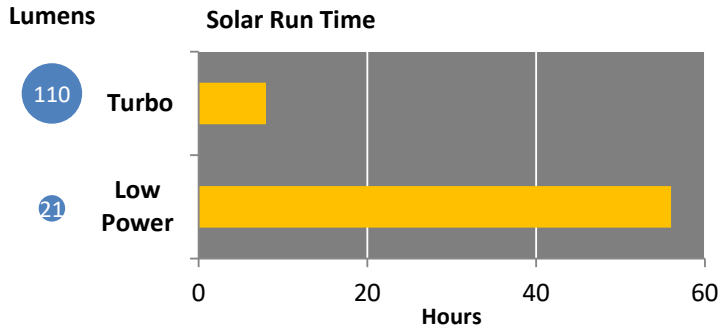
Greenlight Planet

Verify Online:

www.lightingglobal.org/products/gpl-skproallnight

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

Valid Until: October 31, 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 ²)	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 CCT "Cool" (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; met by IPX3.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	2.6 watts

Battery Details

Battery replaceability	Easily replaceable with common tools, but attempting replacement will void warranty.
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
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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	http://greenlightplanet.com

SSS Information

Specs sheet expiration date	October 31, 2018
Quality Standards Framework Version	2016
Revision	2016.06