Sun King Pro 2

Greenlight Planet Inc.

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

Lumens

Solar Run Time

160 **Turbo**

81 **Normal**

0 2 4 6 8 10 12
Hours
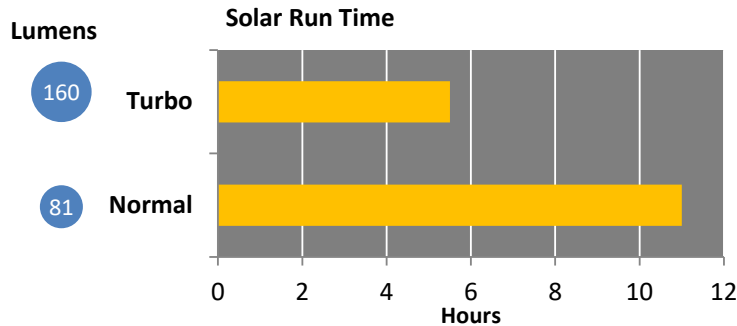
✓ **Meets Lighting Global Minimum Quality Standards**

Mobile Charging

1 **light point**

Warranty Information

A 2-year product warranty.

Performance Details

Performance Measure	Brightness Setting***	
	Turbo	**Normal**
Full battery run time* (hours)	5.9	13.1
Run time per day of solar charging* (hours)	5.5	11
Total light output (lumens)	160	81
Total area with illumination > 25 lux** (m^2)	1	--
Total lighting service (lumen-hours / solar-day)	880	890

* 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 > 25 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): Low

Lighting Details

Lamp type	LED
Description of light points	Five LEDs
Colour characteristics	CRI 67 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	96% of the original output remains after 2,000 hours run time

Special Features	
Hardware	Steel stand included
Mobile Phone Charging	Adaptors 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 occassional rain

Solar Details	
PV module type	Monocrystalline silicon
PV maximum power point	3 watts

Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Appropriate battery protection circuit	Pass

Replacement batteries, as well as replacement battery specifications, are available from the product manufacturer

Marks and Certifications	
Factory certification	ISO 9001:2000

Product Details	
Manufacturer name	Greenlight Planet Inc.
Product name	Sun King Pro 2
Product model / ID number	SK-303
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com

SSS Information	
Specs sheet expiration date	July 30,2018
Quality Standards Framework Version	2016
Revision	2016.03