

Sun King Pro X Plus

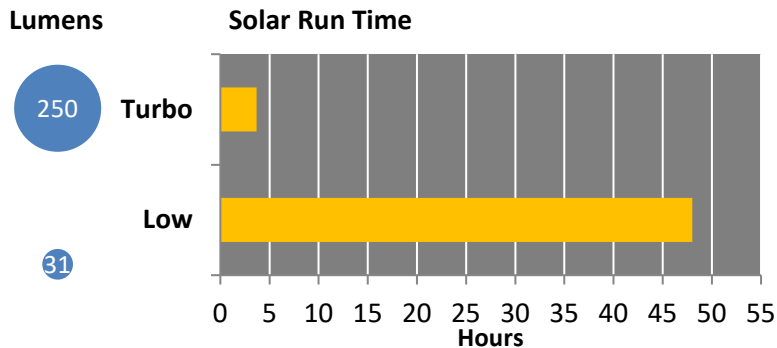
Greenlight Planet

Verify Online:

www.lightingglobal.org/products/glp-skpXplus

Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Valid Until: November 30, 2020



Meets Lighting Global Quality Standards



Mobile Charging



Light Point

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting**	
	Turbo	Low
Full battery run time* (hours)	3.7	49
Run time per day of solar charging* (hours)	3.7	48
Total light output (lumens)	250	31
Total lighting service (lumen-hours / solar-day)	930	1500

* 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.

** Additional brightness settings (not tested): Normal

Lighting Details

Lamp type	LED
Description of light points	Six LEDs in the light point with a frosted cover.
Colour characteristics	CRI 73 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	100% 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. protection from occasional rain; met by IPX1.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	3 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	3200 mAh
Battery nominal voltage	3.3 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2015; ISO 14001:2015
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Product Details

Manufacturer name	Greenlight Planet
Product name	Sun King Pro X Plus
Product model / ID number	SK307
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com

SSS Information

Specs sheet expiration date	November 30, 2020
Quality Standards Framework Version	2018
Revision	2018.11