

Sun King Pro 300

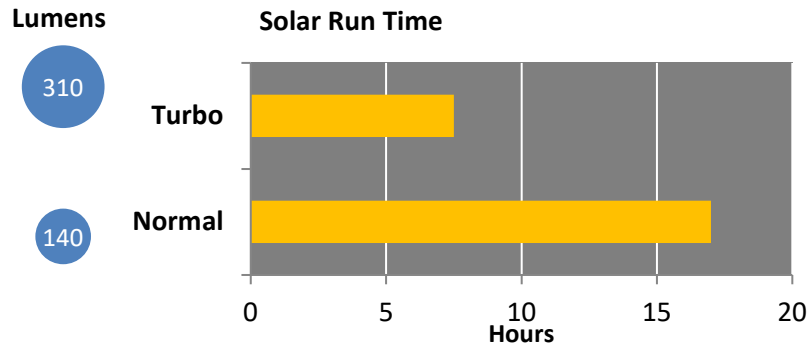
Greenlight Planet

Verify Online:

www.lightingglobal.org/products/glp-skp300

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

Valid Until: November 30, 2019



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	Normal
Full battery run time* (hours)	8.2	20
Run time per day of solar charging* (hours)	7.5	17
Total light output (lumens)	310	140
Total lighting service (lumen-hours / solar-day)	2300	2400

* 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): Low

Lighting Details

Lamp type	LED
Description of light points	Nine LEDs with a white frosted cover
Colour characteristics	CRI 72 CCT "Daylight" (>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
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Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Protected from occasional rain; met with a technical level of water protection.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	5 watts

Battery Details

Battery replaceability	Easily replaceable with common tools, but attempting replacement will void warranty.
Battery chemistry	Lithium-ion
Battery package type	18650 (1s2p)
Battery capacity	5000 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2008; ISO 14001:2004
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Product Details

Manufacturer name	Greenlight Planet
Product name	Sun King Pro 300
Product model / ID number	SK333
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com

SSS Information

Specs sheet expiration date	November 30, 2019
Quality Standards Framework Version	2017
Revision	2017.11