

Sun King Boom

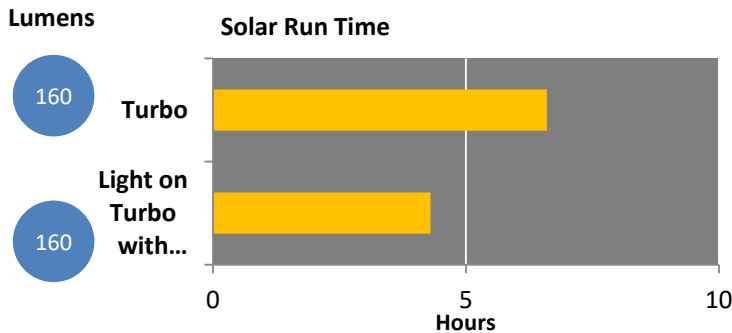
Greenlight Planet

Verify Online:

www.lightingglobal.org/products/glp-skboom

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

Valid Until: August 31, 2019



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	Light on Turbo with Radio on Max
Full battery run time* (hours)	6.6	4.3
Run time per day of solar charging* (hours)	6.6	4.3
Total light output (lumens)	160	160
Total area with illumination > 50 lux** (m ²)	0.45	0.45
Total lighting service (lumen-hours / solar-day)	1100	690

* 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, Low, Audio Med.

Lighting Details

Lamp type	LED
Description of light points	4 LEDs with a frosted plastic cover
Colour characteristics	CRI 73 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	101% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone
Radio	Built in Radio and MP3 player
Enclosure	Made from ABS and polycarbonate plastic

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. No protection from rain. Meets occasional rain requirements with a warning label.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	2.7 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 9001:2008; ISO 14001:2004
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Product Details

Manufacturer name	Greenlight Planet
Product name	Sun King Boom
Product model / ID number	SK-321
Contact information	sales@greenlightplanet.com
Website	http://www.greenlightplanet.com

SSS Information

Specs sheet expiration date	August 31, 2019
Quality Standards Framework Version	2017
Revision	2017.02