

# Sun King Boom

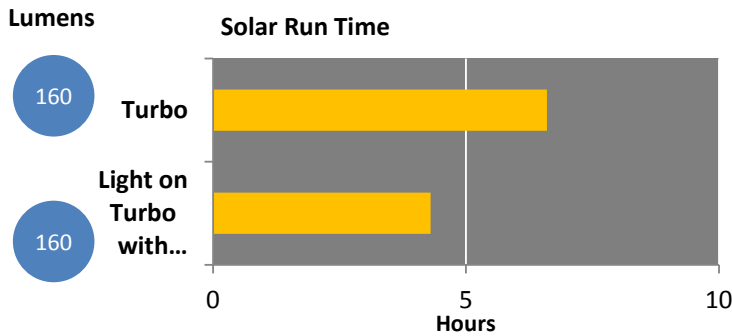
Greenlight Planet

Verify Online:

[www.lightingglobal.org/products/glp-skboom](http://www.lightingglobal.org/products/glp-skboom)

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

Valid Until: February 28, 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 <sup>2</sup> )	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 "Near Daylight" (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. Met 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
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	<a href="http://www.greenlightplanet.com">http://www.greenlightplanet.com</a>

**SSS Information**

Specs sheet expiration date	February 28, 2019
Quality Standards Framework Version	2017
Revision	2017.02