

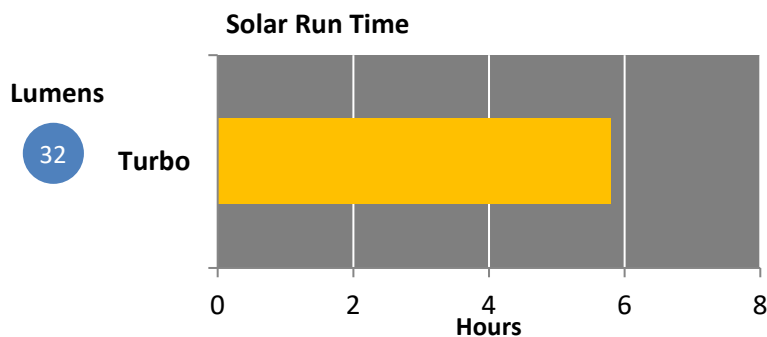
Sun King Eco

Greenlight Planet Inc.

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

Verify Online: www.lightingglobal.org/products/glp-sunkingeco

Valid Until: November 30, 2019



✓ Meets Lighting Global Minimum
Quality Standards

1 Light Point



Warranty Information

A 2-year warranty against material or manufacturing defects.

Performance Details

Performance Measure	Brightness Setting**
	Turbo
Full battery run time* (hours)	5.8
Run time per day of solar charging* (hours)	5.8
Total light output (lumens)	32
Total lighting service (lumen-hours / solar-day)	190

* 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): Medium, Low

Lighting Details

Lamp type	LED
Description of light points	Single LED
Colour characteristics	CRI 65 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	101% of the original output remains after 2,000 hours run time

Special Features

Hardware	Steel stand included
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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, and no protections from rain. Meets occasional rain protection with a technical equivalent.

Solar Details

PV module type	Amorphous silicon
PV maximum power point	0.73 watts

Battery Details

Battery replaceability	Easily replaceable with common tools, but attempting replacement will void warranty.
Battery chemistry	Lithium iron phosphate
Battery Capacity	600 mAh
Battery Nominal V	3.3 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2000, ISO 14001:2004
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Product Details

Manufacturer name	Greenlight Planet Inc.
Product name	Sun King Eco
Product model / ID number	SK-106
Contact information	sales@greenlightplanet.com
Website	www.greenlightplanet.com

SSS Information

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