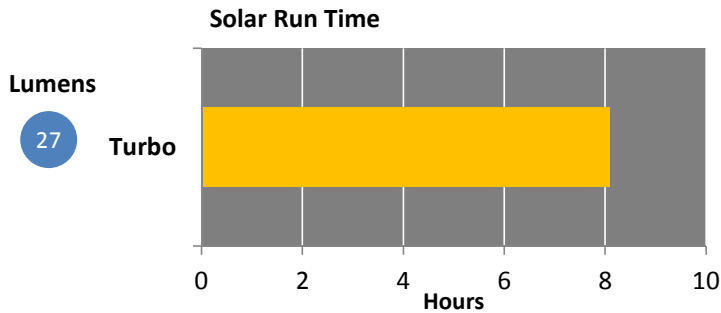# Sun King Eco

Greenlight Planet Inc.

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

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

Valid Until: April, 2015

Solar Run Time

Lumens

27

Turbo

0   2   4   6   8   10
Hours

✓ **Meets Lighting Global Minimum Quality Standards**

1 **Light Point**

Warranty Information

A 1-year warranty again material or manufacturing defects.

Performance Details

Performance Measure	Brightness Setting***
	Turbo
Full battery run time* (hours)	8.1
Run time per day of solar charging* (hours)	8.1
Total light output (lumens)	27
Total area with illumination > 25 lux** (m^2)	0.19
Total lighting service (lumen-hours / solar-day)	220

* 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 > 25 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): Medium, Low

Lighting Details

Lamp type	LED
Description of light points	Single LED
Colour characteristics	CRI 67
	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	
Hardware	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, and protection from frequent rain

Solar Details	
PV module type	Amorphous silicon
PV maximum power point	0.73 watts

Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Appropriate battery protection circuit	Pass
Replacement batteries, as well as replacement battery specifications, are available from the product manufacturer	

Marks and Certifications	
Factory certification	ISO 9001:2000, ISO 14001:2004

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	April, 2015
Minimum Quality Standards Framework Version	2012
Revision	2013.09