

Sun King Home Plus

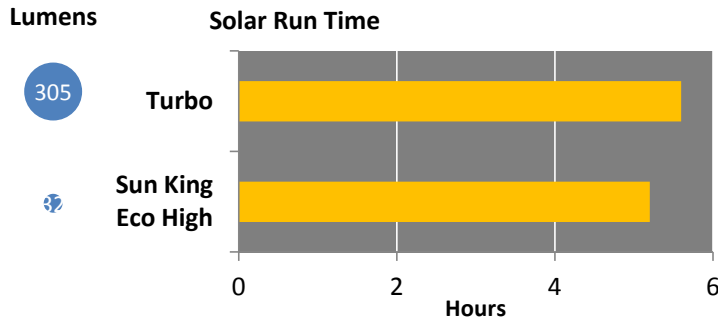
Greenlight Planet

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

Verify Online:

www.lightingglobal.org/products/glp-skhomeplus

Valid Until: November 30, 2017



 **Meets Lighting Global Quality Standards**

 **Mobile Charging**

4 Light Points

Warranty Information

A 2-year warranty covering manufacturing defects

Performance Details

Performance Measure	Brightness Setting***	
	Turbo	Sun King Eco High
Full battery run time* (hours)	5.6	5.8
Run time per day of solar charging* (hours)	5.6	5.2
Total light output (lumens)	305	32
Total area with illumination > 50 lux** (m ²)	0.3	0.0
Total lighting service (lumen-hours / solar-day)	1700	170

* 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: Low, Normal

Lighting Details

Lamp type	LED
Description of light points	2 LEDs in light point with a frosted plastic cover
Colour characteristics	CRI 65 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	99% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
-----------------	---

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and no water ingress protection for the main unit, and protection from frequent rain for the Sun King Eco

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	6.3 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	4 x 18650
Battery capacity	5900 mAh
Battery nominal voltage	3.3 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001, ISO 14001
-----------------------	---------------------

Product Details

Manufacturer name	Greenlight Planet
Product name	Sun King Home Plus
Product model / ID number	SK-404
Contact information	tpwalsh@greenlightplanet.com
Website	http://greenlightplanet.com

SSS Information

Specs sheet expiration date	November 30, 2017
Quality Standards Framework Version	2015
Revision	2015.11