

# Sun King Home

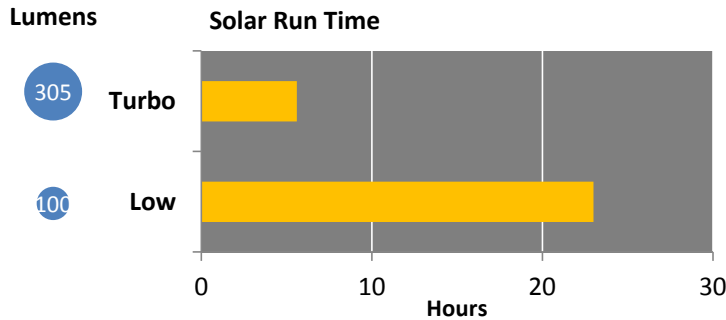
Greenlight Planet

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

Verify Online:

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

Valid Until: September 30, 2017



 Meets Lighting Global Quality Standards

 Mobile Charging

**3** Light Points

## Warranty Information

A 2-year warranty covering manufacturing defects

## Performance Details

Performance Measure	Brightness Setting***	
	Turbo	Low
Full battery run time* (hours)	5.6	27
Run time per day of solar charging* (hours)	5.6	23
Total light output (lumens)	305	100
Total area with illumination > 50 lux** (m <sup>2</sup> )	0.3	--
Total lighting service (lumen-hours / solar-day)	1700	2300

\* 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

## 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
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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 water ingress protection

**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
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**Product Details**

Manufacturer name	Greenlight Planet
Product name	Sun King Home
Product model / ID number	SK-403
Contact information	tpwalsh@greenlightplanet.com
Website	<a href="http://greenlightplanet.com">http://greenlightplanet.com</a>

**SSS Information**

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