

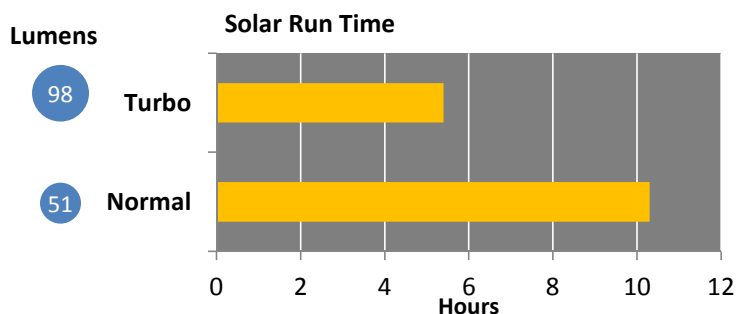
Sun King Mobile

Greenlight Planet Inc.

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

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

Valid Until: January, 2016



Meets Lighting Global Minimum
Quality Standards

1

Light Point



Warranty Information

A 2-year product warranty.

Performance Details

Performance Measure	Brightness Setting***	
	Turbo	Normal
Full battery run time* (hours)	5.4	10.3
Run time per day of solar charging* (hours)	5.4	10.3
Total light output (lumens)	98	51
Total area with illumination > 25 lux** (m ²)	0.58	--
Total lighting service (lumen-hours / solar-day)	530	530

* 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): Low

Lighting Details

Lamp type	LED
Description of light points	Three LEDs
Colour characteristics	CRI 70 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	96% 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 protection from occasional rain

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	1.6 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
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Product Details

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

SSS Information

Specs sheet expiration date	January, 2016
Minimum Quality Standards Framework Version	2013
Revision	2014.01