Little Sun v.4

LittleSun GmbH

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

Lumens

Solar Run Time

29

Bright

0   2   4   6
Hours
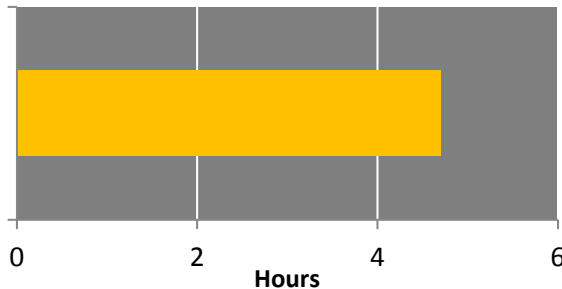
✔ **Meets Lighting Global Quality Standards**

1 **Light Point**

Warranty Information

2 year limited warranty includes the battery

Performance Details

Performance Measure	Brightness Setting***
	Bright
Full battery run time* (hours)	4.7
Run time per day of solar charging* (hours)	4.7
Total light output (lumens)	29
Total area with illumination > 50 lux** (m^2)	--
Total lighting service (lumen-hours / solar-day)	140

* 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): Dimmer

Lighting Details

Lamp type	LED
Description of light points	One LED with transparent cover
Colour characteristics	CRI 81 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	87% of the original output remains after 2,000 hours run time

Special Features

LEDs	UV-free LEDs
Enclosure	Made from UV-resistant plastic
Battery	High-temperature battery

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. protection from frequent rain

Solar Details

PV module type	Monocrystalline silicon
PV maximum power point	0.58 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	1x 14500 cylindrical cell
Battery capacity	421 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001

Product Details

Manufacturer name	LittleSun GmbH
Product name	Little Sun v.4
Product model / ID number	v.4
Contact information	business@littlesun.com
Website	www.littlesun.com

SSS Information

Specs sheet expiration date	June 30, 2018
Quality Standards Framework Version	2016
Revision	2016.06