

# Little Sun v.4

LittleSun GmbH

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[www.lightingglobal.org/products/little-sun](http://www.lightingglobal.org/products/little-sun)

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

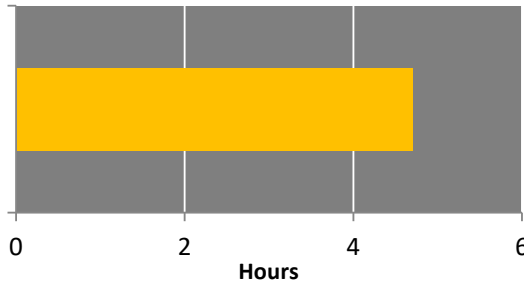
Valid Until: September 30, 2018

Lumens

Solar Run Time

29

Bright



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 <sup>2</sup> )	--
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
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**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	September 30, 2018
Quality Standards Framework Version	2016
Revision	2016.06