

Luci Original

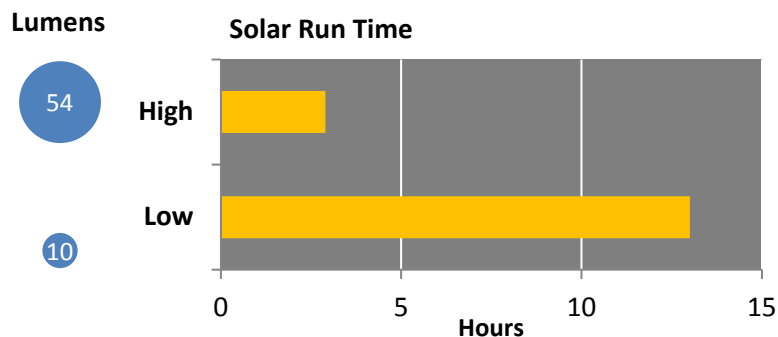
MPOWERD Inc.

Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Verify Online:

www.lightingglobal.org/products/mp-luo

Valid Until: February 28, 2019



Meets Lighting Global Quality Standards

1 Light Point

Warranty Information

A 1-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting**	
	High	Low
Full battery run time* (hours)	3.8	14
Run time per day of solar charging* (hours)	2.9	13
Total light output (lumens)	54	10
Total lighting service (lumen-hours / solar-day)	160	130

* 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.

** Additional brightness settings (not tested): Medium, Flashing

Lighting Details

Lamp type	LED
Description of light points	Ten LEDs are arranged in a ring shape inside the transparent enclosure.
Colour characteristics	CRI 75 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	90% of the original output remains after 2,000 hours run time

Durability

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

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	0.6 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	foil pouch
Battery capacity	1000 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	MPOWERD Inc.
Product name	Luci Original
Product model / ID number	1001-005
Contact information	mehmet@mpowerd.com
Website	www.mpowerd.com

SSS Information

Specs sheet expiration date	February 28, 2019
Quality Standards Framework Version	2017
Revision	2017.09