

# Luci EMRG

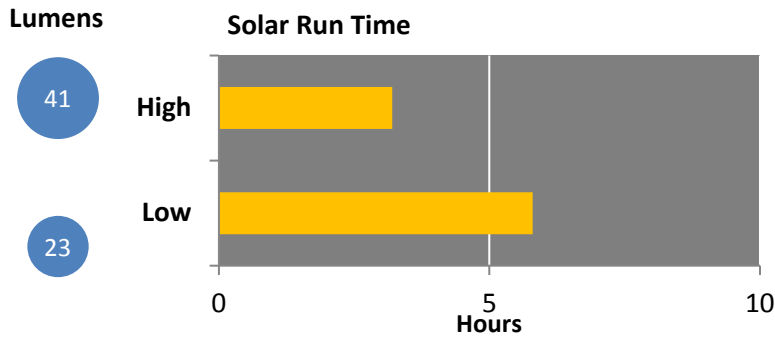
MPOWERD Inc.

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

Verify Online:

[www.lightingglobal.org/products/mp-EMR](http://www.lightingglobal.org/products/mp-EMR)

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	6.8
Run time per day of solar charging* (hours)	3.2	5.8
Total light output (lumens)	41	23
Total lighting service (lumen-hours / solar-day)	130	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): Flashing, Steady Red, SOS

## Lighting Details

Lamp type	LED
Description of light points	Three warm color LEDs are arranged in a triangle shape and one red LED in the center of the triangle inside the translucent enclosure
Colour characteristics	CRI 70 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	92% 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	0.3 watts

**Battery Details**

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	IFR12500
Battery capacity	360 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

**Product Details**

Manufacturer name	MPOWERD Inc.
Product name	Luci EMRG
Product model / ID number	1005-005
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