

10 W Solar Home System

Shenzhen LEMI Technology Development Co., Ltd.

Verify Online:

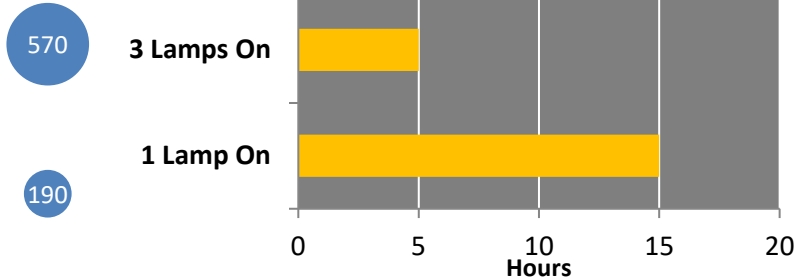
www.lightingglobal.org/products/lemi-10W

Results based on test procedures detailed in IEC 62257-9-5, ed. 4.0

Valid Until: November 30, 2020

Lumens

Solar Run Time



Meets Lighting Global Quality Standards for Pico PV and SHS kits



Mobile Charging

3 Light Points

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting	
	3 Lamps On	1 Lamp On
Full battery run time* (hours)	8.3	25
Run time per day of solar charging* (hours)	5	15
Total light output (lumens)	570	190
Total lighting service (lumen-hours / solar-day)	2900	2900

* 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.

Lighting Details

Lamp type	LED
Description of light points	12 LEDs in each of 3 light points
Colour characteristics	CRI 86 CCT "Daylight" (> 5000 K)
Distribution type	Wide
Lumen maintenance	100% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	User provides adapters included to charge mobile phone from battery
-----------------	---

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	10 watts

Battery Details

Battery replaceability	Easily replaceable with common tools. Warranty is void if battery is replaced by consumer.
Battery chemistry	Lithium-ion
Battery package type	18650-3S2P
Battery capacity	4.1 mAh
Battery nominal voltage	11.1 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	Shenzhen LEMI Technology Development Co., Ltd.
Product name	10 W Solar Home System
Product model / ID number	LM-LI010
Contact information	info@lemi88.com
Website	http://www.lemi.com.cn/

SSS Information

Specs sheet expiration date	November 30, 2020
Quality Standards Framework Version	2018
Revision	2018.11