

# Solar Lighting Kit

Qingdao Leff International Trading Co. Ltd.

Verify Online:

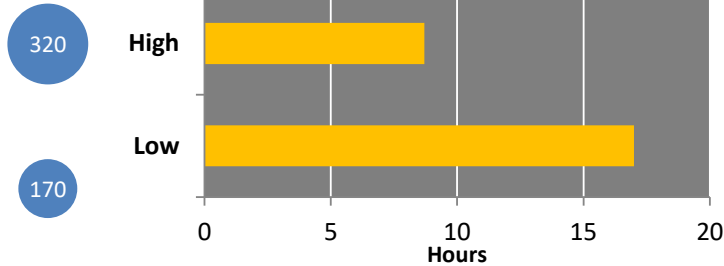
[www.lightingglobal.org/products/ql-slf02](http://www.lightingglobal.org/products/ql-slf02)

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

Valid Until: January 31, 2020

Lumens

Solar Run Time



320

High

170

Low

0 5 10 15 20  
Hours



Meets Lighting Global Quality Standards



Mobile Charging

2 Light Points

## Warranty Information

A 2-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting	
	High	Low
Full battery run time* (hours)	8.7	17
Run time per day of solar charging* (hours)	8.7	17
Total light output (lumens)	320	170
Total lighting service (lumen-hours / solar-day)	2800	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	9 LEDs inside each of 2 lamps with a frosted cover
Colour characteristics	CRI 76 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	99% of the original output remains after 2,000 hours run time

## Durability

Overall durability and workmanship	Pass
Durability tests passed	Switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only. Protection from occasional rain met with a warning label.

**Solar Details**

PV module type	Polycrystalline silicon
PV maximum power point	11 watts

**Battery Details**

Battery replaceability	Easily replaceable with common tools. Warranty is void if product is opened.
Battery chemistry	Lithium-ion
Battery package type	4*18650
Battery capacity	3880 mAh
Battery nominal voltage	7.4 V
Appropriate battery protection circuit	Pass

**Marks and Certifications**

Factory certification	ISO 9001:2015; ISO 14001:2015
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**Product Details**

Manufacturer name	Qingdao Leff International Trading Co. Ltd.
Product name	Solar Lighting Kit
Product model / ID number	SLF-02
Contact information	david@opteco.cn / david@lefftrade.org
Website	www.opteco.cn / www.lefftrade.org

**SSS Information**

Specs sheet expiration date	January 31, 2020
Quality Standards Framework Version	2018
Revision	2018.01