Solar Reading Lamp
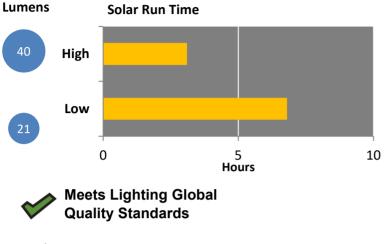
Shenzhen Solar Run Energy Co. Ltd.

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

Lumens

Solar Run Time

40

21

High

Low

0   5   10
Hours

✔ **Meets Lighting Global Quality Standards**

1 Light Point

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting	
	High	**Low**
Full battery run time* (hours)	4.6	10
Run time per day of solar charging* (hours)	3.1	6.8
Total light output (lumens)	40	21
Total lighting service (lumen-hours / solar-day)	120	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.

Lighting Details

Lamp type	LED
Description of light points	One LED inside a translucent cover.
Colour characteristics	CRI 74 CCT "Daylight" (> 5000 K)
Distribution type	Wide
Lumen maintenance	101% 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 frequent rain; met with IPX3.

Solar Details

PV module type	Monocrystalline silicon

PV maximum power point	0.3 watts

Battery Details

Battery replaceability	Easily replaceable with common tools. Warranty is void if battery is replaced by consumer.
Battery chemistry	Lithium iron phosphate
Battery package type	1x 14500 package
Battery capacity	400 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	Shenzhen Solar Run Energy Co. Ltd.
Product name	Solar Reading Lamp
Product model / ID number	SR07
Contact information	info@solarunoffgrid.com
Website	http://www.solarunoffgrid.com/

SSS Information

Specs sheet expiration date	June 30, 2021
Quality Standards Framework Version	2018
Revision	2018.12