

Solar Reading Lamp

SR07

Brand name: Solar Run

Results based on test procedures detailed in IEC TS 62257-9-5 and IEC TS 62257-9-8

Verify online:

<https://data.verasol.org/products/sek/ssr-srl>

Valid until: December 31, 2026



Meets the Requirements in IEC TS 62257-9-8:2020 for Size A kits

Pay-As-You-Go option available



Light point(s)

Plug-and-play

WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects.

PERFORMANCE DETAILS

Appliance ^a	Description	Run time after a typical day of solar charging (assuming 5kWh/m ² /day)	Total light output (lumens)
High	1 LED on, 0.26 W power	2.4 hours	40 lumens
Low	1 LED on, 0.14 W power	5.3 hours	20 lumens

Available daily electrical energy ^c (Wh/day)	1.0
---	-----

Performance measure	Brightness setting: 1 light on High
Lighting full battery run time ^d for main unit (hours)	4.9
Total lighting service (lumen-hours / solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	96

^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.
^b Without any other loads used during the run time
^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.
^d Lighting full battery 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 name	Number of lamps	Number of settings	Setting name	Light output (lm)	Power consumption (W)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Integrated light point	1	2	High	40	0.26	120	74	7500	Wide	100%
			Low	20	0.14	140	74	7300		

^e Lumen efficacy is the power consumption at a light point during the light output test.
^f Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.
^g Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K).
^h Percent of the original light output that remains after 2,000 hours of run time.

Durability		
Overall durability and workmanship		Pass
Durability tests passed		Switch test, Drop test, Physical ingress protection
Level of water protection	Main Unit with Integrated PV Module	Has protection from frequent rain; met with IPX3 and an appropriate warning label
Solar Details		
PV module type		Monocrystalline silicon
PV maximum power		0.3 W
PV rated power		0.3 W
PV open-circuit voltage (V _{OC})		n/a
Main Unit Battery Details		
Battery replaceability		Easily replaceable with common tools; however, the warranty is void if product is opened.
Battery chemistry		Lithium iron phosphate
Battery package type		14500
Battery capacity		0.4 Ah
Rated Battery capacity		0.4 Ah
Battery nominal voltage		3.2 V
Battery status / other indicator lights		One indicator that changes to red when product is being charged.
Product Details		
Company name		Shenzhen Solar Run Energy Co., Ltd
Brand Name		Solar Run
Product name		Solar Reading Lamp
Product model / ID number		SR07
Contact information		info@solarunoffgrid.com
Website		www.solarunoffgrid.com
Dimensions (entire product in package)		12 x 14 x 7 cm
Mass		75 g
SSS Information		
Specs sheet expiration date		December 31, 2026
Revision		2025.04