

# Solar Homework Light

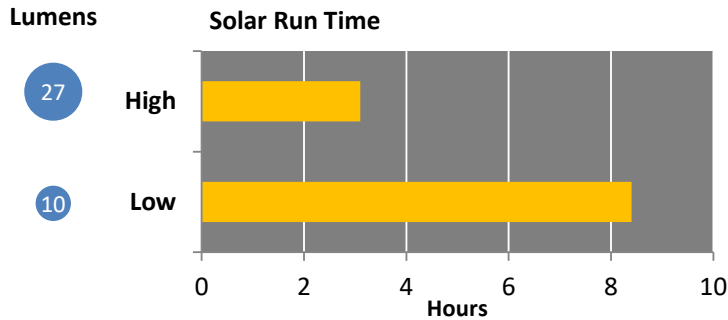
Renewit Solar Limited

Verify Online:

[www.lightingglobal.org/products/ri-shl](http://www.lightingglobal.org/products/ri-shl)

Results based on test procedures detailed in IEC 62257-9-5, ed. 2.0

Valid Until: May 31, 2018



 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)	5.9	14
Run time per day of solar charging* (hours)	3.1	8.4
Total light output (lumens)	27	10
Total area with illumination > 50 lux** (m <sup>2</sup> )	0.0	--
Total lighting service (lumen-hours / solar-day)	84	84

\* 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.

\*\* Total area with illumination > 50 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

\*\*\* Additional brightness settings (not tested): None

## Lighting Details

Lamp type	LED
Description of light points	6 LEDs in a portable integrated light
Colour characteristics	CRI 66 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	95% 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, and protection from frequent rain

**Solar Details**

PV module type	Polycrystalline silicon
PV maximum power point	0.4 watts

**Battery Details**

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	cylindrical cell
Battery capacity	400 mAh
Battery nominal voltage	3.3 V
Appropriate battery protection circuit	Pass

**Marks and Certifications**

Factory certification	ISO 9001:2008, ISO 14001:2004
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**Product Details**

Manufacturer name	Renewit Solar Limited
Product name	Solar Homework Light
Product model / ID number	RNIHL001
Contact information	richard@renewit.com
Website	www.renewit.com

**SSS Information**

Specs sheet expiration date	May 31, 2018
Quality Standards Framework Version	2015
Revision	2015.10