

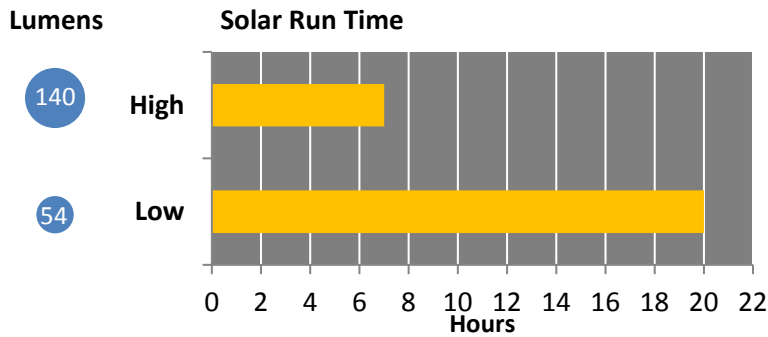
G1 Solar Power Lantern with Phone Charger

Renewit Solar Limited

Verify www.lightingglobal.org/products/ri-g1spl

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

Valid Until: March 31, 2019



Meets Lighting Global Quality Standards



Mobile Charging



1 Light Point

Warranty Information

One-year warranty covering product malfunction or failure.

Performance Details

Performance Measure	Brightness Setting	
	High	Low
Full battery run time* (hours)	10	30
Run time per day of solar charging* (hours)	7	20
Total light output (lumens)	140	54
Total lighting service (lumen-hours / solar-day)	980	1100

* 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.

Lighting Details

Lamp type	LED
Description of light points	15 LEDs per light point
Colour characteristics	CRI 86 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	101% of the original output remains after 2,000 hours run time

Special Features	
Mobile charging	USB port; four adapters included.
Indicators	Four LEDs to indicate battery state of charge and one red/green charging/full indicator LED.

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 occasional rain

Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	3 watts

Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	Cylindrical
Battery capacity	4000 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Marks and Certifications	
Factory certification	ISO 9001, ISO 14001
Other certification	IEC 60598, CE

Product Details	
Manufacturer name	Renewit Solar Limited
Product name	G1 Solar Power Lantern with Phone Charger
Product model / ID number	RNG1
Contact information	richard@renewit.com
Website	www.renewit.com

SSS Information	
Specs sheet expiration date	March 31, 2019
Quality Standards Framework Version	2017
Revision	2017.03