

# Solar Lantern

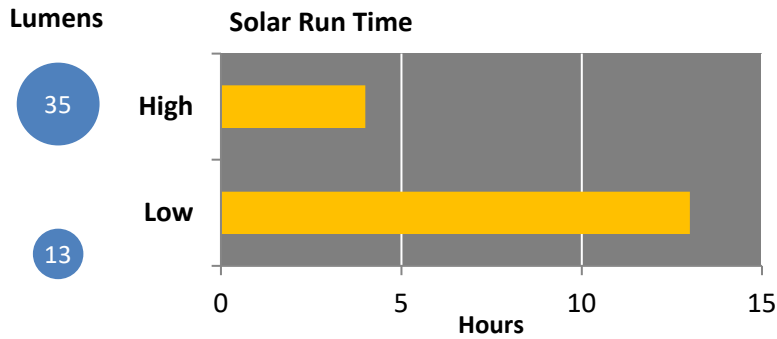
d.light design

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

Verify Online:

[www.lightingglobal.org/products/dl-s3](http://www.lightingglobal.org/products/dl-s3)

Valid Until: January 31, 2021



✓ 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	14
Run time per day of solar charging* (hours)	4	13
Total light output (lumens)	35	13
Total lighting service (lumen-hours / solar-day)	140	170

\* 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 the frosted plastic cover
Colour characteristics	CRI 84 CCT "Daylight" (> 5000 K)
Distribution type	Wide
Lumen maintenance	99% of the original output remains after 2,000 hours run time

## Special Features

Product Housing	UV Resistant Plastic
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## 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. Meets requirements with IPX1 and a warning label.

**Solar Details**

PV module type	Monocrystalline silicon
PV maximum power point	0.33 watts

**Battery Details**

Battery replaceability	Not easily replaceable with common tools. The warranty is void when the product is opened.
Battery chemistry	Lithium iron phosphate
Battery package type	IFR 14500
Battery capacity	450 mAh
Battery nominal voltage	3.2 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	d.light design
Product name	Solar Lantern
Product model / ID number	S3
Contact information	testing@dlight.com
Website	www.dlight.com

**SSS Information**

Specs sheet expiration date	January 31, 2021
Quality Standards Framework Version	2019
Revision	2019.01