

S30 Solar Lantern

d.light design

Verify Online:

www.lightingglobal.org/products/dl-s30

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

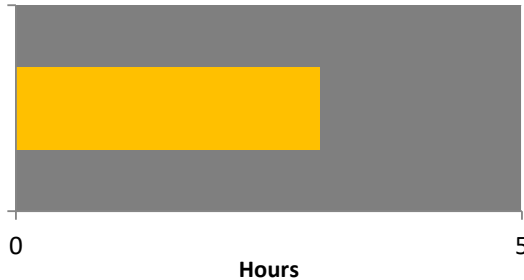
Valid Until: January 31, 2019

Lumens

Solar Run Time

60

High



Meets Lighting Global Quality Standards

1 Light Point



Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting***
	High
Full battery run time* (hours)	3
Run time per day of solar charging* (hours)	3
Total light output (lumens)	60
Total area with illumination > 50 lux** (m ²)	--
Total lighting service (lumen-hours / solar-day)	180

* 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): Middle, Low

Lighting Details

Lamp type	LED
Description of light points	Two LEDs in the light point.
Colour characteristics	CRI 83 CCT "Daylight" (> 5000 K)
Distribution type	Omnidirectional
Lumen maintenance	99% of the original output remains after 2,000 hours run time

Special Features

Product Housing	UV Resistant Plastic
Grid Charging	Grid charging via a Nokia mobile charging kit (not included)

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 by IPX3.

Solar Details

PV module type	Monocrystalline silicon
PV maximum power point	0.33 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools.
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 9001:2008; ISO 14001:2004
-----------------------	-------------------------------

Product Details

Manufacturer name	d.light design
Product name	S30 Solar Lantern
Product model / ID number	S30
Contact information	testing@dlight.com
Website	www.dlight.com

SSS Information

Specs sheet expiration date	January 31, 2019
Quality Standards Framework Version	2016
Revision	2016.12