

Solar Lantern S501

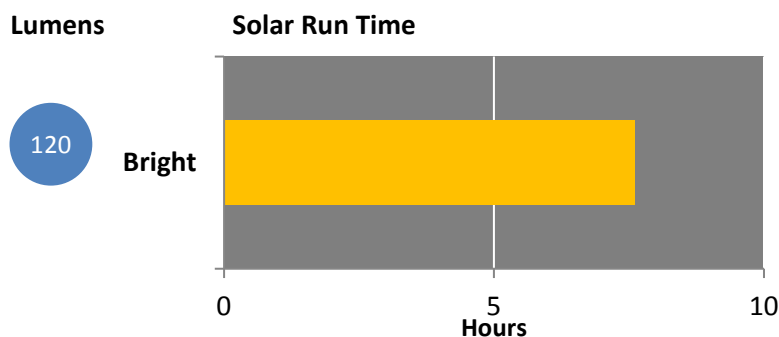
d.light design

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

Verify Online:

www.lightingglobal.org/products/dl-S501

Valid Until: November 30, 2019



 **Meets Lighting Global Quality Standards**

 **Mobile Charging**

1 Light Point

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting**
	Bright
Full battery run time* (hours)	7.6
Run time per day of solar charging* (hours)	7.6
Total light output (lumens)	120
Total lighting service (lumen-hours / solar-day)	910

* 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.

** Additional brightness settings (not tested): Medium, Low

Lighting Details

Lamp type	LED
Description of light points	Six LEDs in the light point with a frosted cover.
Colour characteristics	CRI 85 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	102% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
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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. No protection from rain. Meets occasional rain protection requirements with a warning label.
Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	2.5 watts
Battery Details	
Battery replaceability	Not easily replaceable with common tools.
Battery chemistry	Lithium iron phosphate
Battery package type	IFR26650
Battery capacity	3200 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass
Marks and Certifications	
Factory certification	ISO 9001:2008 ISO14001:2004
Product Details	
Manufacturer name	d.light design
Product name	Solar Lantern S501
Product model / ID number	S501
Contact information	testing@dlight.com
Website	www.dlight.com
SSS Information	
Specs sheet expiration date	November 30, 2019
Quality Standards Framework Version	2018
Revision	2018.01