

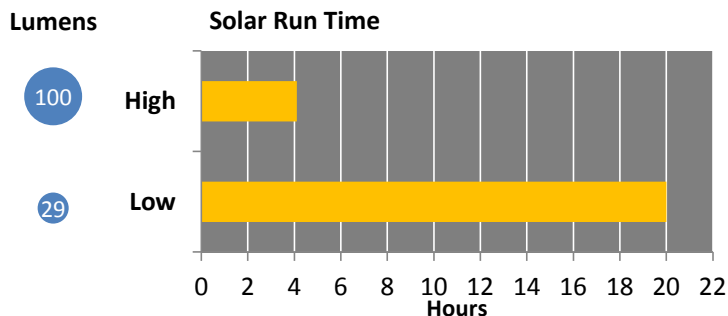
d.light S300

d.light design

Verify www.lightingglobal.org/products/dl-s300/

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

Valid Until: July 2016



**Meets Lighting Global Minimum
Quality Standards**



Mobile Charging

1

Light Point



Warranty Information

Two-year warranty covers product failure from normal use; void if product has been tampered with, repaired, modified, submersed in water, abused or in case of fraud.

Performance Details

Performance Measure	Brightness Setting***	
	High	Low
Full battery run time* (hours)	5	26
Run time per day of solar charging* (hours)	4.1	20
Total light output (lumens)	100	29
Total area with illumination > 50 lux** (m ²)	0.33	Not tested
Total lighting service (lumen-hours / solar-day)	410	580

* 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): Medium, Bedlight

Lighting Details

Lamp type	LED
Description of light points	One LED per light point
Colour characteristics	CRI 76 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	100% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
Carrying handle and strap	Handle to carry or hang light in vertical position; strap to carry light in horizontal position
Indicators	3 LEDs to indicate battery state of charge

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	Monocrystalline silicon
PV maximum power point	1.6 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	1x 22650 cell
Battery capacity	1800 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001
Safety certification	--
Other certification	--

Product Details

Manufacturer name	d.light design
Product name	d.light S300
Product model / ID number	S300
Contact information	jason.zhang@dlightdesign.com
Website	www.dlightdesign.com

SSS Information

Specs sheet expiration date	July 2016
Minimum Quality Standards Framework Version	2014
Revision	2015.04