

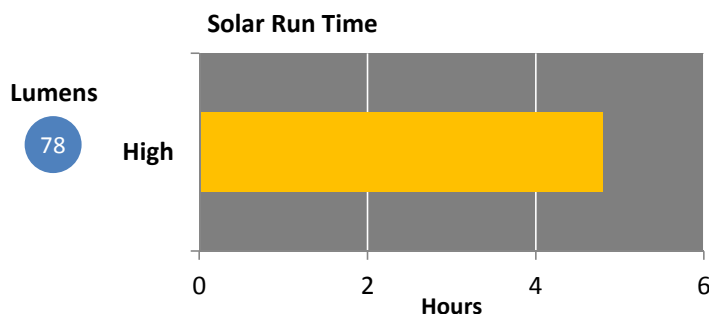
S300

d.light Design

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

Verify Online: www.lightingglobal.org/specs/dl-s300

Valid Until: May, 2015



Meets Lighting Global Minimum
Quality Standards



Mobile Charging

1

Light Point

Warranty Information

A 2-year product replacement warranty for verified manufacturing defects.

Performance Details

Performance Measure	Brightness Setting***
	High
Full battery run time* (hours)	7.5
Run time per day of solar charging* (hours)	4.8
Total light output (lumens)	78
Total area with illumination > 25 lux** (m ²)	0.8
Total lighting service (lumen-hours / solar-day)	370

* 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 > 25 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, Low, Bedlight

Lighting Details

Lamp type	LED
Description of light points	Two LEDs situated side-by-side
Colour characteristics	CRI 88 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	97% 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, and protection from occasional rain

Solar Details

PV module type	Monocrystalline silicon
PV maximum power point	1.5 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium-based chemistry
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	d.light Design
Product name	S300
Product model / ID number	S300
Contact information	www.dlightdesign.com/contact-us/
Website	www.dlightdesign.com

SSS Information

Specs sheet expiration date	May, 2015
Minimum Quality Standards Framework Version	2012
Revision	2013.09