

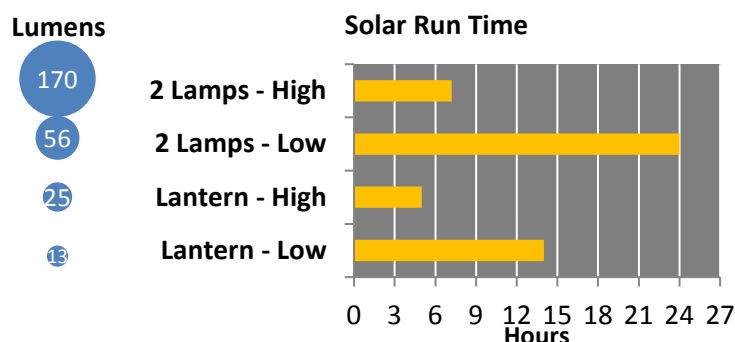
D20

d.light design

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

Verify Online: www.lightingglobal.org/products/dl-d20

Valid Until: September 30, 2018



**Meets Lighting Global Minimum
Quality Standards**



Mobile Charging

3

Light Points



Warranty Information

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

Performance Details

Performance Measure	Brightness Setting			
	2 Lamps - High	2 Lamps - Low	Lantern - High	Lantern - Low
Full battery run time* (hours)	8	27	5	15
Run time per day of solar charging* (hours)	7.2	24	5	14
Total light output (lumens)	170	56	25	13
Total area with illumination > 50 lux** (m ²)	0.14	--	0.05	--
Total lighting service (lumen-hours / solar-day)	1200	1300	130	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.

Lighting Details

Lamp type	LED
Description of light points	Two corded lamps that connect to control unit; one portable lantern
Colour characteristics	CRI 84 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	97% and 98% of the original output remains after 2,000 hours run time for the lamps and lantern, respectively

Special Features	
Mobile charging	Adapters included to charge mobile phone from control unit's battery
Enclosure	UV-resistant plastic
Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and (for the lantern only) protection from occasional rain
Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	5.4 watts
Battery Details	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-based chemistry
Appropriate battery protection circuit	Pass
Marks and Certifications	
Factory Certification	ISO 9000, 14001
Other Certification	CE
Product Details	
Manufacturer name	d.light design
Product name	D20
Product model / ID number	D20
Contact information	davidxu@dlight.com
Website	www.dlight.com
SSS Information	
Specs sheet expiration date	September 30, 2018
Revision	2016.09