

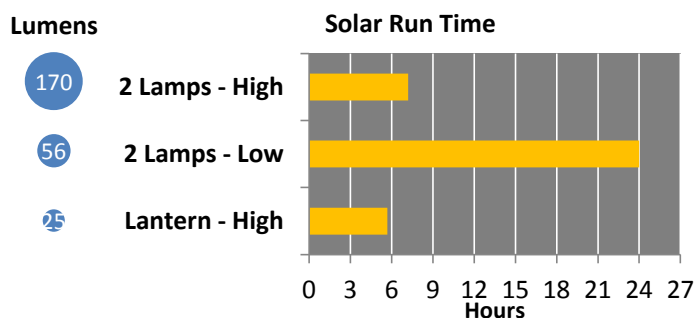
# d20

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](http://www.lightingglobal.org/products/dl-d20)

Valid Until: February 29, 2016



**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
Full battery run time* (hours)	8	27	5.7
Run time per day of solar charging* (hours)	7.2	24	5.7
Total light output (lumens)	170	56	25
Total area with illumination > 25 lux** (m <sup>2</sup> )	0.63	--	--
Total lighting service (lumen-hours / solar-day)	1200	1300	140

\* 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): Lantern - Low

## Lighting Details

Lamp type	LED
Description of light points	Two corded lamps that connect to control unit; one p
Colour characteristics	CRI 88 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	101% 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	<a href="http://www.dlight.com/contact-us/">www.dlight.com/contact-us/</a>
Website	<a href="http://www.dlight.com">www.dlight.com</a>

**SSS Information**

Specs sheet expiration date	February 29, 2016
Minimum Quality Standards Framework Version	2013
Revision	2015.12