

D30

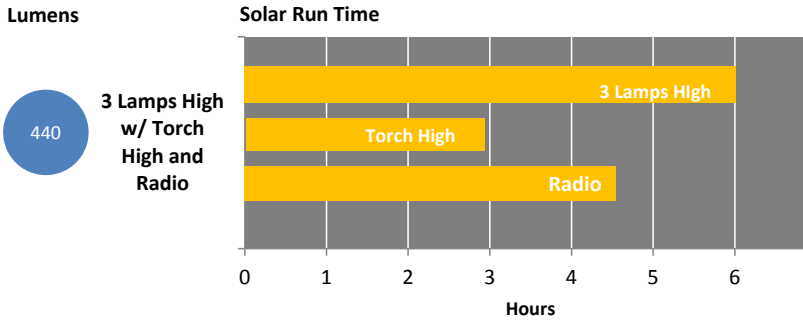
d.light design

Verify Online:

www.lightingglobal.org/products/dl-d30

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

Valid Until: April 30, 2018



Meets Lighting Global Quality Standards

Mobile Charging

4 Light Points

PAYG Pay-As-You-Go Enabled

Information

2 year warranty covering failure from normal use

Performance Details

Performance Measure	Brightness Setting***			
	3 Lamps High with Torch High and Radio****	3 Lamps High	3 lamps Low with Torch Low and Radio****	Torch high
Full battery run time* (hours)	--	6	20 (3 Lamps Low)	3
Run time per day of solar charging* (hours)	6 (3 Lamps High) 2.8 (Torch High) 4.8 (Radio)	--	20 (3 Lamps Low) 9.3 (Torch Low) 4.8 (Radio)	--
Total light output (lumens)	360 (3 Lamps High) 80 (Torch High)	360	90 (3 Lamps Low)	80
Total area with illumination > 50 lux** (m ²)	--	0.99	--	0.46
Total lighting service (lumen-hours / solar-day)	2400	--	--	--

* 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): Torch low

**** Radio model numbers SR10, SR20 and 11001A have been approved for use with this product

Lighting Details	Main Unit	Torch
Lamp type	LED	LED
Description of light points	3 lamps 6 LEDs each	1 LED
Colour characteristics	CRI 84	CRI 78
	CCT "Cool" (5000-7000 K)	CCT "Cool" (5000-7000 K)
Distribution type	Wide	Narrow
Lumen maintenance	97% of the original output remains after 2,000 hours run time	94% of the original output remains after 2,000 hours run time

Special Features	
Mobile Charging	Adapters included
Radio	Includes a rechargeable battery
Pay as You Go	Display shows credit remaining
Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test for torch and radio, switch and connector cycling, strain relief test, physical ingress protection test. Torch and radio have protection from occasional rain. Water ingress protection for main unit not tested; meant for indoor use only.
Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	9 watts
Battery Details	
Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	IFR26650-6.4V -3000mAh
Battery capacity	3000 mAh for main unit; 1000 mAh for radio; 1500 mAh for torch
Battery nominal voltage	6.4 V for main unit, 3.7 V for radio and torch
Appropriate battery protection circuit	Pass
Marks and Certifications	
Factory certification	ISO9001
Product Details	
Manufacturer name	d.light design
Product name	D30
Product model / ID number	D30
Contact information	david.xu@dlight.com
Website	www.dlight.com
SSS Information	
Specs sheet expiration date	April 30, 2018
Quality Standards Framework Version	2016
Revision	2016.04