

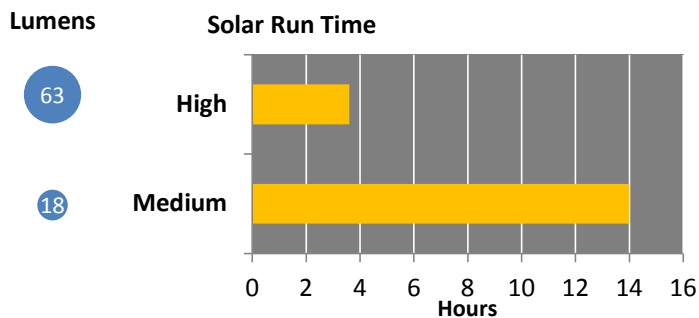
Firefly Mobile Lamp (Gen. 2.5)

Barefoot Power

Verify Online: www.lightingglobal.org/products/bf-fireflymg25

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

Valid Until: September 2016



Meets Lighting Global Minimum Quality Standards

Mobile Charging

1 Light Point

Warranty Information

A 1-year warranty for replacement of defective parts.

Performance Details

Performance Measure	Brightness Setting***	
	High	Medium
Full battery run time* (hours)	3.6	14
Run time per day of solar charging* (hours)	3.6	14
Total light output (lumens)	63	18
Total area with illumination > 50 lux** (m ²)	0.17	Not measured
Total lighting service (lumen-hours / solar-day)	230	250

* 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): Low

Lighting Details

Lamp type	LED
Description of light points	Single unit on gooseneck with 10 LEDs
Colour characteristics	CRI 74 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
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Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, gooseneck 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	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Appropriate battery protection circuit	Pass
Replacement batteries are available from the product manufacturer	

Marks and Certifications

Other certification	UNBS, KEBS
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Product Details

Manufacturer name	Barefoot Power
Product name	Firefly Mobile Lamp (Gen. 2.5)
Product model / ID number	VLP11S015LI1
Contact information	info@barefootpower.com
Website	www.barefootpower.com

SSS Information

Specs sheet expiration date	September 2016
Minimum Quality Standards Framework Version	2014
Revision	2014.09