

Firefly Mobile Lamp (Gen. 2.5)

Barefoot Power

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

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

Valid Until: July, 2014

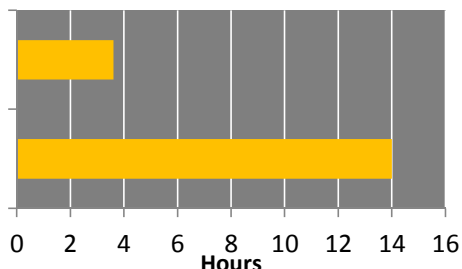
Lumens

63

Solar Run Time

High

Medium



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 > 25 lux** (m ²)	0.3	0.12
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 > 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): 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
Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, gooseneck test, physical ingress protection test, and protection from occassional 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
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	July, 2014
Minimum Quality Standards Framework Version	2012
Revision	2014.01