

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/specs/bf-fireflyg25

Valid Until: July, 2014

Lumens

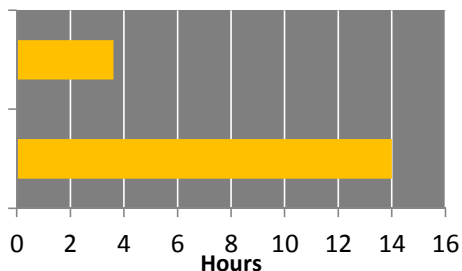
63

18

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 | 2013.09 |