

# ovCamp HS1-36\_LB1122

Omnivoltaic Power Co., Ltd.

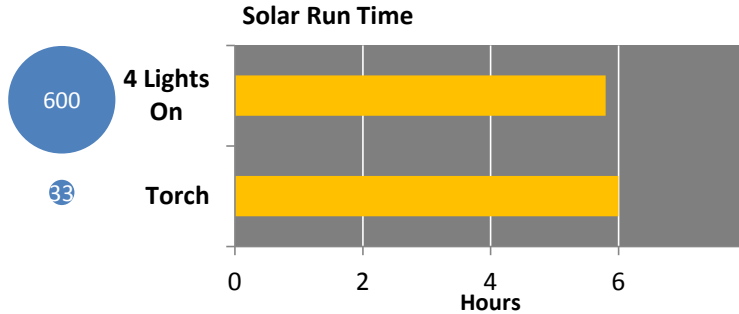
Verify Online:

[www.lightingglobal.org/products/omni-ovcamphs136](http://www.lightingglobal.org/products/omni-ovcamphs136)

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

Valid Until: April 30, 2017

## Lumens



**Meets Lighting Global Quality Standards**

**Mobile Charging**

**5 Light Points**

## Warranty Information

A warranty covering manufacturing defects for 2 years for the battery and 3 years for the system.

## Performance Details

Performance Measure	Brightness Setting***	
	4 Lights On	Torch
Full battery run time* (hours)	7.2	6
Run time per day of solar charging* (hours)	5.8	6
Total light output (lumens)	600	33
Total area with illumination > 50 lux** (m <sup>2</sup> )	1 W lamps: 0.14 2 W lamps: 0.80	0.16
Total lighting service (lumen-hours / solar-day)	3500	--

\* 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): The 4 lights could be switched on/off separately, torch

## Lighting Details

Lamp type	LED
Description of light points	4 hanging pendant light points with 4 LEDs each, and one portable torch with 1 LED
Colour characteristics	CRI 83 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	94% of the original output remains after 2,000 hours run time

**Special Features**

Mobile charging	Adapters included to charge mobile phone from battery
LEDs	UV-free LEDs

**Durability**

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and no water ingress protection

**Solar Details**

PV module type	Polycrystalline silicon
PV maximum power point	10 watts

**Battery Details**

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	4 x 26650 package
Battery capacity	3200 mAh
Battery nominal voltage	12.8 V
Appropriate battery protection circuit	Pass

**Marks and Certifications**

Factory certification	ISO 9001
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**Product Details**

Manufacturer name	Omnivoltaic Power Co., Ltd.
Product name	ovCamp HS1-36_LB1122
Product model / ID number	HS1-36_LB1122
Contact information	sales@omnivoltaic.com
Website	www.omnivoltaic.com

**SSS Information**

Specs sheet expiration date	April 30, 2017
Quality Standards Framework Version	2015
Revision	2015.04