

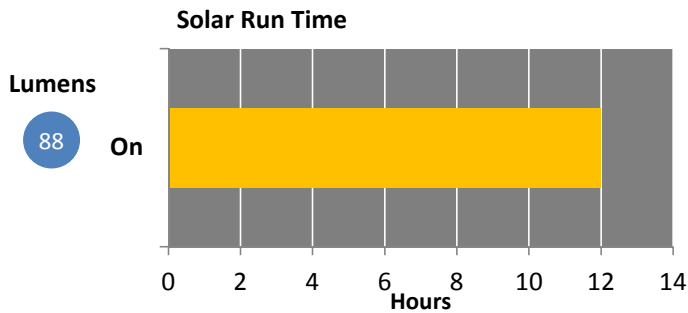
# Betta Lights BetaOne

Betta Lights

Verify Online: [www.lightingglobal.org/specs/bl-bettaone](http://www.lightingglobal.org/specs/bl-bettaone)

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

Valid Until: April, 2014



 **Meets Lighting Global Minimum Quality Standards**

 **Mobile Charging**

**1** Light Point

## Warranty Information

The units are guaranteed for 15 months from the FOB date. The warranty is nullified if the product is tampered with, misused or installed incorrectly.

## Performance Details

Performance Measure	Brightness Setting <sup>***</sup>
	On
Full battery run time* (hours)	22
Run time per day of solar charging* (hours)	12
Total light output (lumens)	88
Total area with illumination > 25 lux** (m <sup>2</sup> )	0.6
Total lighting service (lumen-hours / solar-day)	1100

\* 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):

## Lighting Details

Lamp type	LED
Description of light points	Single light point with 11 LEDs
Colour characteristics	CRI 70 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	93% 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, physical ingress protection test, and no water ingress protection

**Solar Details**

PV module type	Monocrystalline silicon
PV maximum power point	3.1 watts

**Battery Details**

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Sealed lead-acid
Battery package type	--
Battery capacity	4000 mAh
Battery nominal voltage	6 V
Appropriate battery protection circuit	Pass

**Marks and Certifications**

Factory certification	ISO 9001, 14001
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**Product Details**

Manufacturer name	Betta Lights
Product name	Betta Lights BettaOne
Product model / ID number	BettaOne
Contact information	maris.botes@bettalights.com
Website	www.bettalights.com

**SSS Information**

Specs sheet expiration date	April, 2014
Minimum Quality Standards Framework Version	2011
Revision	2013.09