

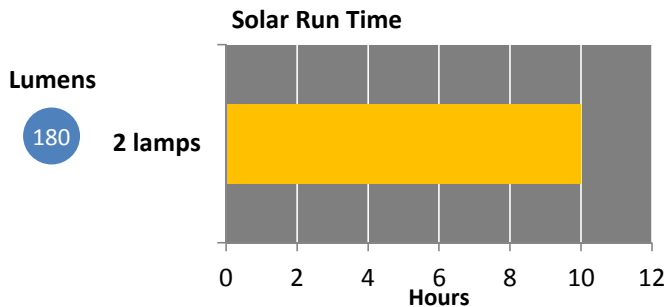
Betta Lights BettaTwo

Betta Lights

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

Verify Online: www.lightingglobal.org/specs/bl-bettatwo

Valid Until: April, 2014



**Meets Lighting Global Minimum
Quality Standards**



Mobile Charging

2

Light Points

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***
	2 lamps
Full battery run time* (hours)	10
Run time per day of solar charging* (hours)	10
Total light output (lumens)	180
Total area with illumination > 25 lux** (m ²)	0.6
Total lighting service (lumen-hours / solar-day)	1800

* 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	Identical light points; 22 LEDs per light point
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	5.6 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 BettaTwo
Product model / ID number	BettaTwo
Contact information	marius.botes@bettalights.com
Website	www.bettalights.com

SSS Information

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