

WOWsolar 60

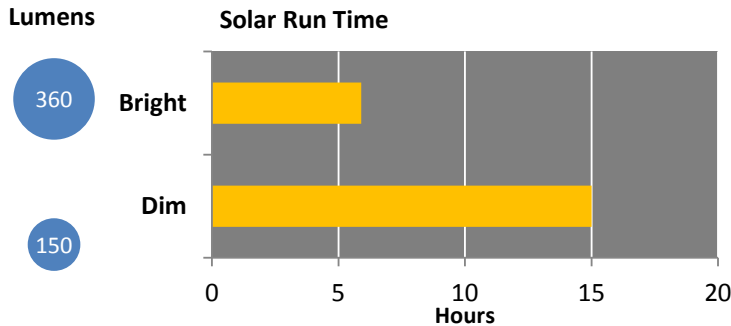
Amped Innovation PBC

Verify Online:

www.lightingglobal.org/products/ai-ws

Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Valid Until: December 31, 2019



Meets Lighting Global Quality Standards

Mobile Charging

3 Light Points

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting	
	Bright	Dim
Full battery run time* (hours)	5.9	15
Run time per day of solar charging* (hours)	5.9	15
Total light output (lumens)	360	150
Total lighting service (lumen-hours / solar-day)	2100	2300

* 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.

Lighting Details

Lamp type	LED
Description of light points	Four LEDs in the each lamp with a frosted cover.
Colour characteristics	CRI 74 CCT "Near Daylight" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	90% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
Multiple Lamp Configurations	Lamps can be connected end to end (daisy chain) or connected directly to the main unit.

Durability

Overall durability and workmanship	Pass
Durability tests passed	Switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	6.1 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	4x 18650
Battery capacity	1500 mAh
Battery nominal voltage	12.8 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2008
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Product Details

Manufacturer name	Amped Innovation PBC
Product name	WOWsolar 60
Product model / ID number	WOWsolar 60
Contact information	info@ampedinnovation.com
Website	www.ampedinnovation.com

SSS Information

Specs sheet expiration date	December 31, 2019
Quality Standards Framework Version	2017
Revision	2017.12