

LUMN L500

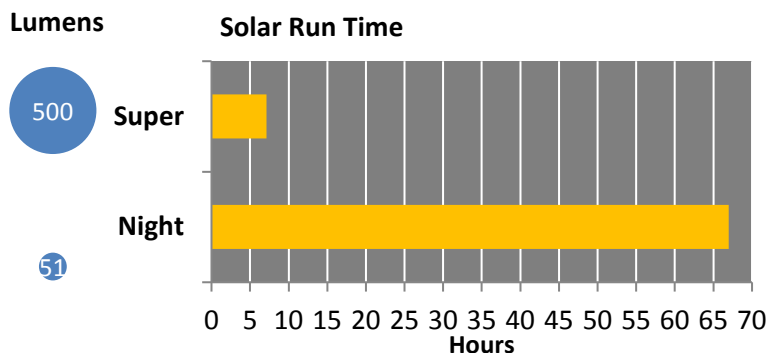
Omnivoltaic Energy Solutions Co., Ltd.

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

Verify Online:

www.lightingglobal.org/products/omni-L500

Valid Until: August 31, 2020



Meets Lighting Global Quality Standards



Mobile Charging

1

Light Point

PAYG Pay-As-You-Go

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting**	
	Super	Night
Full battery run time* (hours)	9.1	85
Run time per day of solar charging* (hours)	7.1	67
Total light output (lumens)	500	51
Total lighting service (lumen-hours / solar-day)	3600	3400

* 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.

**Additional brightness settings not tested: Normal

Lighting Details

Lamp type	LED
Description of light points	14 LEDs in the light point with a frosted cover
Colour characteristics	CRI 82 CCT "Daylight" (> 5000 K)
Distribution type	Wide
Lumen maintenance	99% of the original output remains after 2,000 hours run time

Special Features

Adapters included to charge mobile phone from battery	Adapters included to charge mobile phone from battery
USB Charging	USB charging port on light point
PAYG	Pay-as-you-go-payment

Durability	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Protection from occasional rain Met requirements with a warning label.

Solar Details	
PV module type	Polycrystalline silicon
PV maximum power point	5.7 watts

Battery Details	
Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	2 X (2 X 18650)
Battery capacity	4900 mAh
Battery nominal voltage	7.2 V
Appropriate battery protection circuit	Pass

Marks and Certifications	
Factory certification	ISO9001:2008

Product Details	
Manufacturer name	Omnivoltaic Energy Solutions Co., Ltd.
Product name	LUMN L500
Product model / ID number	L500
Contact information	sales@omnivoltaic.com
Website	www.omnivoltaic.com

SSS Information	
Specs sheet expiration date	August 31, 2020
Quality Standards Framework Version	2018
Revision	2018.08