

ovCatch Fishing Lamp

Omnivoltaic Energy Solutions Co., Ltd.

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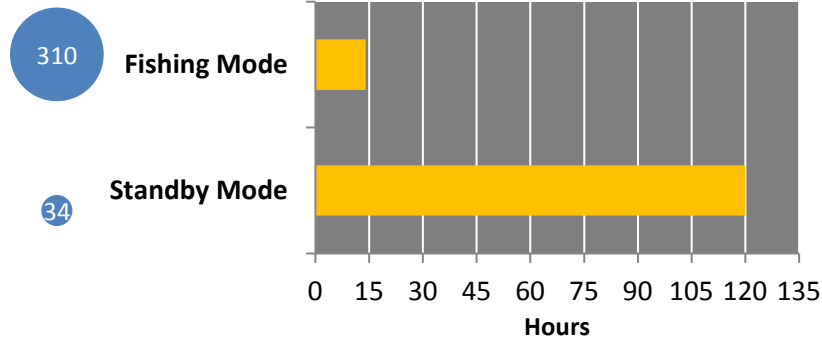
www.lightingglobal.org/products/omni-catch

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

Valid Until: April 30, 2020

Lumens

Solar Run Time



Meets Lighting Global Quality Standards



Mobile Charging



Light Point

PAYG Pay-As-You-Go Option Available

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting**	
	Fishing Mode	Standby Mode
Full battery run time* (hours)	14	120
Run time per day of solar charging* (hours)	14	120
Total light output (lumens)	310	34
Total lighting service (lumen-hours / solar-day)	4300	4100

* 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	12 LEDs with a transparent cover.
Colour characteristics	CRI 83 CCT "Daylight" (> 5000 K)
Distribution type	Omnidirectional
Lumen maintenance	100% of the original output remains after 2,000 hours run time

Special Features

Waterproof	The lighting unit meets IP67
PAYGO	Pay-as-You-Go enabled

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Protection from permanent outdoor exposure. Meets IP68.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	13 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	4 x 1865
Battery capacity	10000 mAh
Battery nominal voltage	3.6 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO 9001:2008; ISO14001:2004
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Product Details

Manufacturer name	Omnivoltaic Energy Solutions Co., Ltd.
Product name	ovCatch Fishing Lamp
Product model / ID number	C300
Contact information	sales@omnivoltaic.com
Website	www.omnivoltaic.com

SSS Information

Specs sheet expiration date	April 30, 2020
Quality Standards Framework Version	2018
Revision	2018.04