

EcoZoom Multi Light

EcoZoom

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

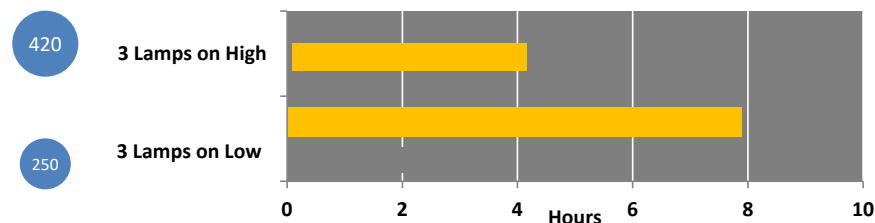
Verify Online:

www.lightingglobal.org/products/ez-multi

Valid Until: October 31, 2018

Lumens

Solar Run Time



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		
	3 Lamps on High with Power Bank	Brightest (3 Lamps on High)	3 Lamps on Low with Power Bank
Full battery run time* (hours)	--	5.9	12
Run time per day of solar charging* (hours)	4.1 (3 Lamps on High) 0.0 (Power Bank)	--	7.9 (3 Lamps on Low) 0.0 (Power Bank)
Total light output (lumens)	420	420	250
Total area with illumination > 50 lux** (m ²)	--	0.51	--
Total lighting service (lumen-hours / solar-day)	1700	--	2000

* 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 > 50 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.

Lighting Details

Lamp type	LED
Description of light points	One LED inside each of three lamps
Colour characteristics	CRI 68 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	104% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Portable power bank for mobile phone charging
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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

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	6 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	1 x 18650
Battery capacity	2200 lamp battery and 2400 power bank battery mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	EcoZoom
Product name	EcoZoom Multi Light
Product model / ID number	BX-DP02T
Contact information	oli@ecozoom.co.ke
Website	www.ecozoom.co.ke

SSS Information

Specs sheet expiration date	October 31, 2018
Quality Standards Framework Version	2016
Revision	2016.10