

EcoZoom Multi Light

BX-DP02T
EcoZoom

Results based on test procedures detailed in IEC 62257-9-5 v.4

Verify online:

www.lightingglobal.org/products/ez-multi

Valid until August 31, 2021



Meets the Lighting Global Pico-PV Quality Standards



Mobile charging

3

Light point(s)



Plug-and-play



WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects.

PERFORMANCE DETAILS

			Run time after a typical day of solar charging (assuming 5kWh/m ² /day)		
		Appliance ^a	Description	Used alone ^b	Used in combination ^c
included in kit		Main lighting unit	3 lamps on high totalling 360 lumens	4.7 hours	4.5 hours
		Power bank (2.4 Ah, 3.7 V battery)	# of charges for Smart Phone (5.7 Wh)	1 full charge	0.3 full charge

Available daily electrical energy^c (Wh/day)

20

Performance measure

Brightness setting: High

Lighting full battery run time^d for main unit (hours)

6

^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

^b Without any other loads used during the run time

^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

^d Lighting full battery 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 name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy ^e (lm/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Lamp	3	2	High	120	95	74	6400	Wide	104%

^e Lumen efficacy is the power consumption at a light point during the light output test.

^f Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

^g Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

^h Percent of the original light output that remains after 2,000 hours of run time

SPECIAL FEATURES

Mobile charging



Portable power bank with 2400 mAh capacity included for mobile charging.

PORTS

1

USB 2.0 type A



Mobile phones and smart phones can be charged. Multi-adapter is included.

DURABILITY

Overall durability and workmanship

Pass

Durability tests passed

Switch test, Drop test, Strain relief test, physical ingress protection.

Level of water protection

Main Lighting Unit

has protection from occasional rain; met IPX1

PV module

has protection from permanent outdoor exposure

SOLAR DETAILS	
PV module type	Polycrystalline silicon
PV maximum power	6.1 watts
BATTERY DETAILS	
Battery replaceability	Easily replaceable with common tools; however, the warranty is void if product is opened.
Battery chemistry	Lithium-ion
Battery package type	1 x 18650
Battery capacity	Lamp battery 2.2 Ah; Power bank 2.4 Ah
Battery nominal voltage	3.7 V
Battery status indication	When charging lamp, the light is red. When fully charged, the light will turn green.
PRODUCT DETAILS	
Manufacturer name	EcoZoom
Product name	EcoZoom Multi Light
Product model / ID number	BX-DP02T
Contact information	oli@ecozoomglobal.com
Website	www.ecozoomglobal.com
Dimensions (entire product in package)	21 x 29 x 11 cm
Mass	1690 g
SSS INFORMATION	
Specs sheet expiration date	August 31, 2021
Quality standards framework version	2018
Revision	2019.08