

LED Grow Light OPTV Panel Highbay MB02

Datasheet



The Sungrow OPTV Panel Highbay MB02 is a foldable-designed, full spectrum grow light for indoor cannabis growing from veg to flowering stage. Offering 3-4 levels of PPF light output, it is a highly flexible grow light solution with easy installation for growers.

Benefits

- Full spectrum for full cycle grows
- Using highest output white chips and Osram red chips, efficacy is up to 2.7 $\mu\text{mol}/\text{J}$
- Coverage area of 6' x 4' / 4' x 4'
- Foldable design, easy to install, just plug and play
- Supporting daisy chain and 0-10 V dimming
- Daisy chain up to 200 light fixtures

Applications

- Suitable for planting greenhouses, planting factories, circular art planting, planting enthusiasts, and indoor planting places.

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Technical Data

Optical Specifications

	OPTV Panel Highbay MB02
Power	760 W
Luminous Flux (lm)	117736 lm±10%
Efficacy	153.7 lm/w
CCT	1001 K; 4000 K
CRI	CRI 26; CRI 80
SDCM	/
Beam Angle	120°

Electrical and Mechanical Specifications

Input Voltage	120-277 V AC 50/60Hz
Power Consumption	760 W
Power Factor	≥ 0.9
Surge protection	L-N:4KV, LN-G:6KV
Dimension (mm)	1140 × 1080 × 87.5
Weight (kg)	11 Kg
Optical	Conformal Coating
Housing	Aluminum
Color	Silvery

System Specifications

Power	AC power, 120-277 V AC 50/60Hz
Control	0-10V
Mounting	Hanging
Operating Temperature	-20°C to + 40°C
Storage Temperature	-20°C to + 60°C
Environment	Indoor
Lumen Maintenance	5 years warranty version: 36000H @ L70B50
Safety Approval	UL 8800, UL 1598, CE

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

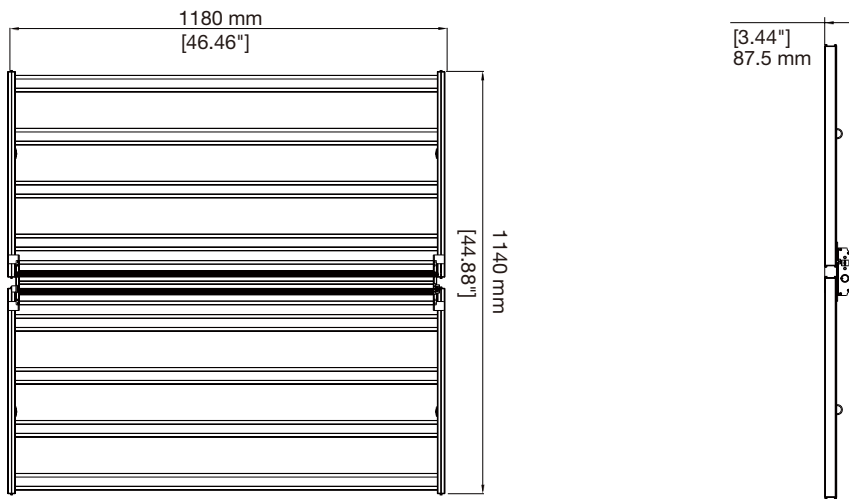
Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

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Dimensions (Unit: mm)

OPTV Panel Highbay MB02 760W

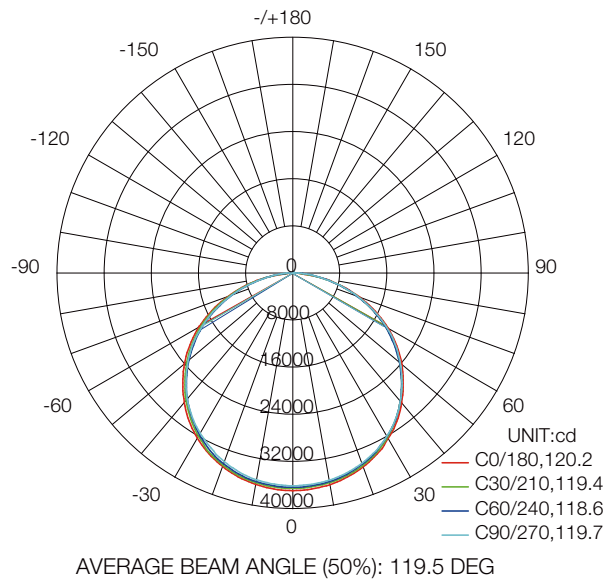


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Photometrics

Light Distribution Curve



Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

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Ordering Codes

Fixture

Short Text	Power	CCT	Warranty	IC
OPTV Panel Highbay MB02	760W	1001K; 4000K	5 years	GL23100109255