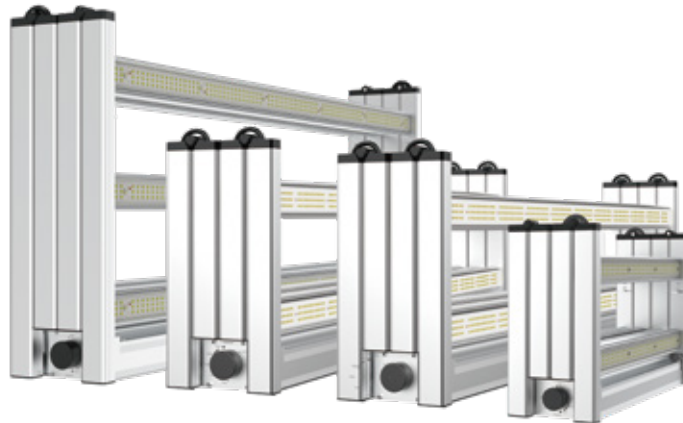


LED Grow Light OPTV Panel Highbay MB06



The OPTV Panel Highbay MB06 dimmable LED grow light is a high-intensity, full-spectrum fixture that is designed to cover a 6'x4' or 4' x 4' space for full-cycle growth. With the unique design of 4-foldable LED grow light, it's cost-effective in shipping and packaging and is an efficient product in the market.

Benefits

- Compatible with our controller GLC 2, GLC-1 and 0-10 V dimming controller
- Wireless connection with controller GLC 2, one controller controls up to 200 light fixtures
- With the unique design of 4 foldable LED grow light, each of the 4 uniform parts can be folded 180°, it's cost-effective in shipping and packaging and is an efficient product in the market
- Low power consumption & high energy efficiency, OPTV Panel Highbay MB06 LED grow light is composed of the highest output chips, the PPE up to 2.7 $\mu\text{mol}/\text{J}$, and the PPF up to 2700 $\mu\text{mol}/\text{s}$
- Popular design of 8-12 lighting bars, evenly covers an area of 6'x4' or 4' x 4', focused on distributing more light as even as possible across the plant canopy
- Stepless dimming from 20% to 100% that meet the needs of different luminous efficiency output in different growth cycles
- 180° foldable design, easy to install, just plug & play

Applications

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

LED Grow Light OPTV Panel Highbay MB06

Technical Data

Optical Specifications

	OPTV Panel Highbay MB06	OPTV Panel Highbay MB06	OPTV Panel Highbay MB06	OPTV Panel Highbay MB06
Power	200 W	680 W	950 W	1000 W
Luminous Flux (lm)	34936 lm±10%	113766 lm±10%	154568 lm±10%	161511 lm±10%
Efficacy	174.3 lm/w	167.9 lm/w	161.4 lm/w	164.4 lm/w
CCT	3000K; 5000 K	4000K; 1001K	4000K; 1001K	3000K; 5000 K; 1001K;
CRI	CRI 80; CRI 80	CRI 80; CRI 26	CRI 80; CRI 26	CRI 80; CRI 80; CRI 26
SDCM	/	/	/	/
Beam Angle	120°	120°	120°	120°

Electrical and Mechanical Specifications

Input Voltage	120-277 V AC 50/60Hz	120-277 V AC 50/60Hz	120-277 V AC 50/60Hz	120-277 V AC 50/60Hz
Power Consumption	200 W	680 W	950 W	1000 W
Power Factor	≥ 0.9	≥ 0.9	≥ 0.9	≥ 0.9
Surge protection	L-N:4KV, LN-G:6KV	L-N:4KV, LN-G:6KV	L-N:4KV, LN-G:6KV	L-N:4KV, LN-G:6KV
Dimension (mm)	1140 × 550 × 60	1140 × 1100 × 60	1140 × 1100 × 60	1740 × 1100 × 60
Weight (kg)	5.25 Kg	9.9 Kg	11.7 Kg	13.4 Kg
Optical	/	/	/	/
Housing	Aluminum	Aluminum	Aluminum	Aluminum
Color	Silvery	Silvery	Silvery	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, IP54
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.

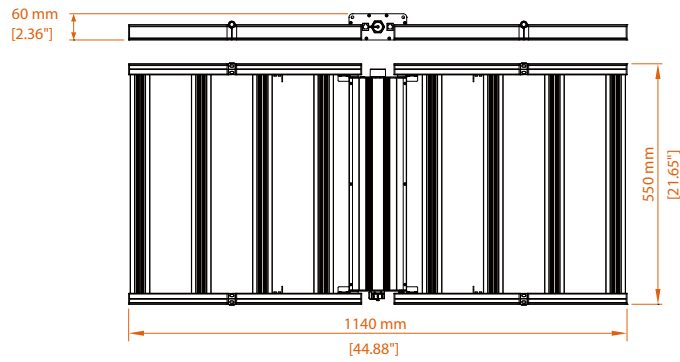
Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

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Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

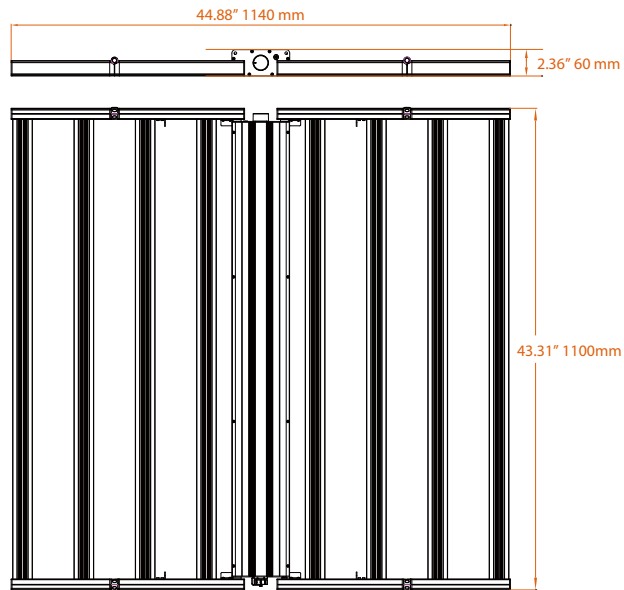
LED Grow Light OPTV Panel Highbay MB06

Dimensions (Unit: mm)

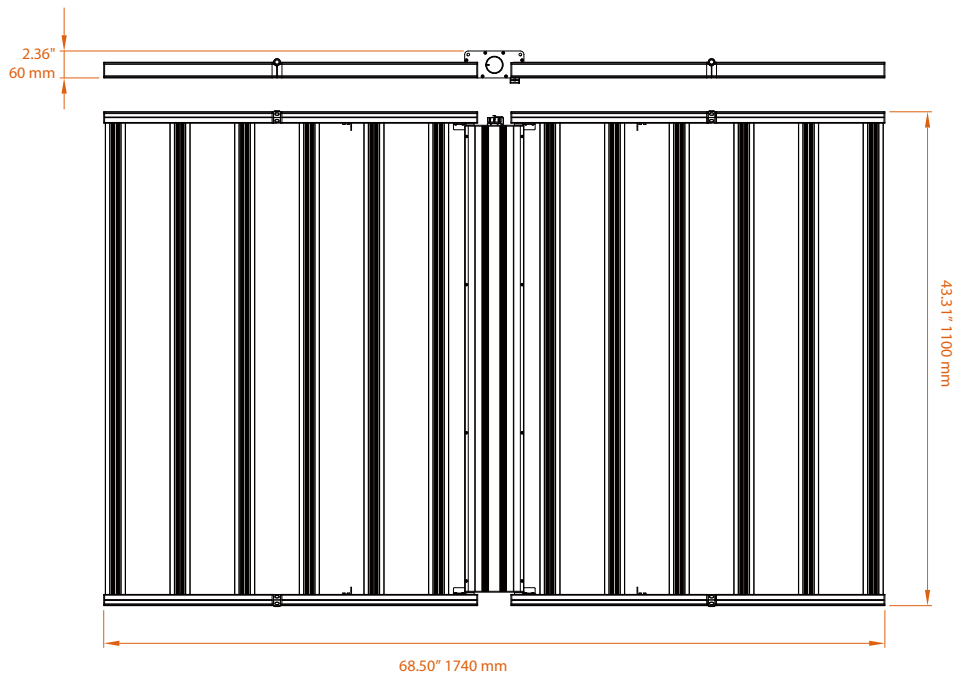
OPTV Panel Highbay MB06 200W



OPTV Panel Highbay MB06 680W/950W



OPTV Panel Highbay MB06 1000W

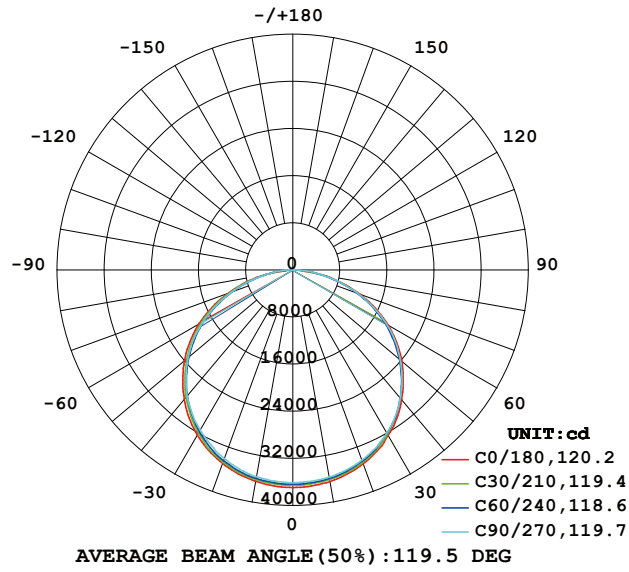


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Photometrics

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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LED Grow Light MB06

Ordering Codes

Fixture

Short Text	Power	CCT	Warranty	IC
OPTV Panel Highbay MB06 200W	200 W	3000K; 5000K	5 years	GL23100109755
OPTV Panel Highbay MB06 680W	680 W	4000K; 1001K	5 years	GL23100109855
OPTV Panel Highbay MB06 950W	950 W	4000K; 1001K	5 years	GL23100109955
OPTV Panel Highbay MB06 1000W	1000 W	3000K; 5000K; 1001K	5 years	GL23100110055

