



Ming Feng Lighting Co.,Ltd
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 Add: Wen Tang Administration, East City,Dongguan,Guangdong Province,China.

MF-GPC03 Spec

FEATURES	
Light Source:	CREE CXB3590 COB+ Bridgelux surround 5W leds
Spectrum:	Full-spectrum + near infrared + Ultra Violet
Driver:	Taiwan Meanwell LED Drivers, Wide AC100-265V, PF>0.95
Waterproof Grade:	IP44
Optics:	90 degree optical lens direct light downward to magnify par and increase canopy penetration up to 200%.
Lamp Control:	Gardening timing + Dimmer+ 2 ON/OFF Switch
Warranty:	Design lifespan > 50,000Hrs, 5 years warranty available.
Recommended hanging height:	Veg: 24", Flower: 18"-24"
Coverage:	Flower @ 18"-24": 3' x 4', Veg @ 24": 4' x 4'
Yield:	Up to 0.68 pounds per light/Up to 1.5 Grams per watt
Environment:	Operation Temperature: -10°C~45°C Storage Temp.: 0°C~40°C
Certificated:	CE, TUV, RoHS,CB,SA, FCC, ETL



SPECIFICATIONS

Product	
Model NO:	MF-GPC03
Power :	280W
Dimension:	850*190*70mm
Packing:	950*280*200mm/1pcs/carton
Weight:	N.W: 8.0KG, G.W: 9.5KG
Driver	
Input:	AC100-265Vac, 50-60Hz
PF:	>0.95
Brand:	Meanwell
LEDS	
Spectrum	Full Spectrum+UV+IR
Brand:	CREE+ BRIDGELUX
Details:	3PCS * 54 watt CREE CXB 3590 COB LEDES, 54W/module 48PCS* 5W Bridgelux surround LEDES, 40W/Module
Heat management	
PCB:	Metal PCB(Aluminum)2.0mm
Heat conduction:	2.0w/m.k
Environment	
Storage Temp.:	0°C~40°C
Operation Temp.:	-10°C~45°C
Lamp Control	
Gardening timing+Dimmer+2 ON/OFF switches(CH1-COB Veg & Bloom light, CH2- Bloom Enhancer light)	
Optics	
60° Dual core Bridgelux/ 90° for CREE COB	

BENEFITS

- Using the latest lighting technology including the USA made CREE CXB3590COB and Bridgelux 5W leds which are both specifically designed for horticultural lighting.
- Unique secondary lenses adopted to guarantee an outstanding PAR output and lighting performance.
- 6 channels gardening timing system---built-in timer, 10/12/14/16/18/24 hours for selection
- Two high precision dimmers to easily control the lighting intensity and meet the different light requirements needed by plants at each growth stage.
- Carefully selected spectra delivering the sun spectrum that is needed by plants.
- Daisy chain included.(3 units MAX)

Spectrum & PAR READINGS

