



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

## MF-3GA02 Spec

### FEATURES

- **Light Source:** German **Osram ss180 LEDs**
- **Spectrum/Ratio:** **Full Spectrum**, 6 band sun spectrum
- **Driver:** Taiwan **Meanwell LED Drivers**, Wide AC100-265V, PF>0.95
- **Waterproof Grade:** **IP44**
- **Beam Angle:** 90 degree optical lens direct light downward to magnify par and increase canopy penetration up to 200%.
- **Lamp Control:** 2 ON/OFF switches, CH1- Veg light, CH1 + CH2- Full light
- **Warranty:** Design lifespan > 50,000Hrs, **3 years warranty** available.
- **Recommended hanging height:** Veg: 24", Flower: 18"-24"
- **Coverage:** Flower @ 18"-24": 2' x 3', Veg @ 24": 3' x 4'
- **Yield:** **Up to 0.68 pounds per light/Up to 1.5 Grams per watt**
- **Environment:** OperationTemperature: -10°C~45°C  
Storage Temp.: 0°C~40°C
- **Certificated:** **CE, TUV, RoHS,CB,SAA, FCC, ETL,UL**



### BENEFITS

- Using German Osram ssl80 LEDs, more stable, higher Luman and PAR output
- Unique secondary Magnifies PAR Lens---much better PAR value and intensity
- Patent pending cross-flow design for extremely quiet operation.
- Easy to use the two on/off switches to fit different grow stages.

### SPECIFICATIONS

<b>Product</b>	Model NO:	MF-3GA02
	Power :	210W
	Dimension:	240*370*75mm
	Packing:	490*320*170mm/pcs/carton
	Weight:	N.W: 4.8KG, G.W: 5.8KG
<b>Driver</b>	Input:	AC100-265Vac, 50-60Hz
	PF:	>0.95
	Brand:	Meanwell
<b>LEDS</b>	Spectrum:	Full Spectrum
	Brand:	Osram ss180
	Details:	6-band(660nm/630nm/450nm/6000k /3000k/730nm)
<b>Heat management</b>	PCB:	Metal PCB(Aluminum)2.0mm
	Heat	2.0w/m.k
<b>Environment</b>	Storage Temp.:	0°C~40°C
	Operation	-10°C~45°C
<b>Lamp Control</b>	2 ON/OFF switches, CH1- Veg light, CH1 + CH2- Full light	
<b>Optics</b>	90°Secondary lens	
<b>Life span</b>	> 50,000Hrs	

### Light Distribution Curve

