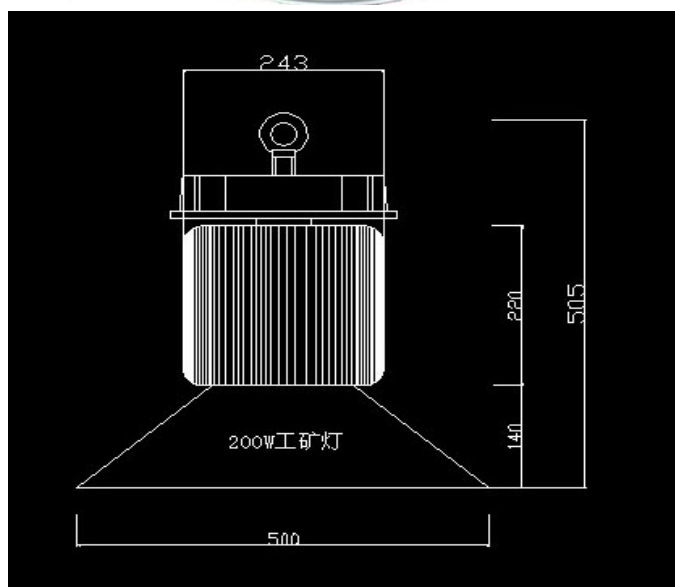


Specification

Product Name: LED high bay light

Item Number: MF-A200W-001

200W led high bay light
(beam angle 45° 90° 120° at customers' option)



● Technical parameter

Voltage	AC85-220V
Power frequency	50-60HZ
THD	<9%

Power factor	>98%	
LED Working Voltage	32-35v	
LED Power	180W	
Total Power	200W	
LED Efficiency	100-120LM/w	
Lamp Efficiency	75-80lm/w	
Average Flux (120degree)	6 M Height	>99.7 LUX
	8 M Height	>56LUX
	10 M Height	>36 LUX
Average Flux (45degree)	6 M Height	>796LUX
	8 M Height	>449LUX
	10 M Height	>287LUX
Luminous	Warm white 2600-3500K	1350-1500LM
	Nature white 4000-4500K	1400-1550LM
	Daylight white 5500-6500K	1500-1600LM
	Pure white 7000K+	1500-1580LM
Color redering index	Ra>70	
Light distribution	reflector	
LED Junction Temperature	< 80 degree	
Ambient temperature	-40 to 50°C	
Stock temperature	-20 to 60°C	
Working temperature	70 °C	
Protection grade	IP44	
NW/GW	9.5KG / 10KG	
Waterproof	IP44	
luminous decline	none within 3000 hours	

● Features

1. No glare, no light pollution, no double image and uniform brightness.
2. High power **180W COB LED, US Brand bridgelux** .
3. Power efficiency can achieve to 88%, the max power factor is 98%,the led driver pass CE, EMC, LVD, UL, certifications. **Taiwan Brand Meanwell**.
4. The fin aluminum design, excellent in heat radiator.
5. Use surface oxide reflector, closed to the illuminate ,can improve the luminous efficiency.
6. High –pressure aluminum alloy lamp-housing , corrosion-resistant . and anti-rust
7. Use sealing silicon to proof water ,the water-proof grade can up to IP65.

US Bridgelux 45MIL LED CHIP, 110-120LM/W:



Meanwell driver:



■ Features :

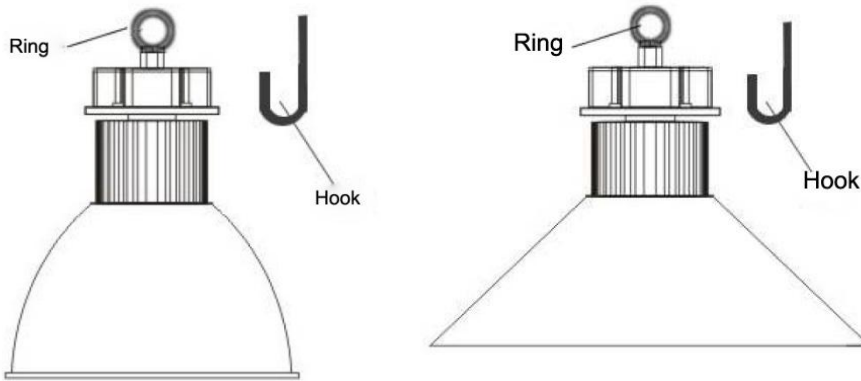
- Universal AC input / Full range (up to 305VAC)
- Built-in active PFC function
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Cooling by free air convection
- OCP point adjustable through output cable or internal potentiometer
- IP67 / IP65 design for indoor or outdoor installations
- Three in one dimming function (1~10Vdc or PWM signal or resistance)
- Suitable for LED lighting and street lighting applications
- Compliance to worldwide safety regulations for lighting
- Suitable for dry / damp / wet locations



● Applications:

Factory, gym, pier, billboards, buildings, plazas, lawns and other places need lighting project.

● Install introduction



1. When installing, the wire connections should be well sealed ,so that can prevent electricity leakage
2. when external power wire, Take appropriate measures to waterproof or water leakage
3. The lamp can not violate any regulations of fire prevention

● Quality warranty

Two years of quality warranty after leaving factory.

The guarantee range includes correct store, install, use and maintenance, Those installed improperly and contrary operation to cause the product damage, are out of the guarantee. During the warranty period ,for the quality problems, we will replace the parts or replace products freely. Beyond the period, it should be changed the appropriate cost of labor and parts.

● Comparaison

Conventional metal halide light efficiency 17-33LM/W
LED high bay light efficiency 80LM/W

150W metal halide light total lumious is 2550-4950LM
40W LED high bay light total luminous is 3200-3800LM.

600w metal halide light : 9000-19000LM
120W LED high bay light: 9600-10800LM.

800-1000w metal halide light: 13600-2500LM
200w led high bay light: 13500-1800LM.