

LED high bay lighting Series :

HB01-0100-NP-CCRA

HB01-0120-NP-CCRA

HB01-0150-NP-CCRA

HB01-0200-NP-CCRA

HB01-0240-NP-CCRA



Description:

Shenzhen strong Eagle lighting high bay lighting , the outside of the housing is distributed in a pyramid structure, and the luminescent surface sinks into a radian, making the appearance beautiful. At the same time, it has a good heat dissipation effect when using die-casting. It adopts multiple laminated high-power high-efficiency 3030LED lamp beads with uniform light. Equipped with breathing apparatus, it can effectively prevent fog caused by environmental temperature difference, waterproof and dustproof. Long life and low light fading, it can be widely used in outdoor and indoor environment

Features:

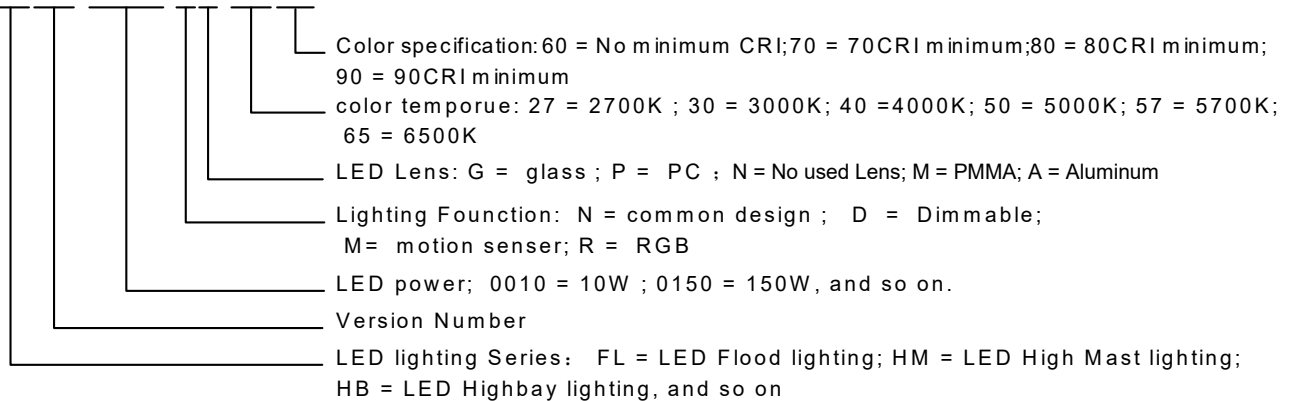
- . Super bring SMD LED as lighting sources; high efficiency ,energy saving, Eco-friendly;
- . Integration for die-casting radiator fins, ultra-thin light emitting surface, reduce the concentration of heat, more rapid heat dissipation, greatly reducing source temperature, prolong life, improve the luminous efficiency.
- . exposure process high thermal conductivity aluminum substrate, high reflectivity, luminous angle of 130 degrees.
- . Dali, PIR, Light Sensation, 0-10V dimmable.
- . 5 years warranty.

Technical parameters:

SKU	Voltage / Frequency	Power	Lumen Efficiency	LED Number /Type	Color Temperature	Beam (angle°)	CRI	PF
HB01-0100-XX-CCRA	100-277Vac 50/60HZ	100W	130Lm/W	161PCS/3030	2700K~6500K	130°	> 70/80	≥ 0.95
HB01-0120-XX-CCRA	100-277Vac 50/60HZ	120W	130Lm/W	161PCS/3030	2700K~6500K	130°	> 70/80	≥ 0.95
HB01-0150-XX-CCRA	100-277Vac 50/60HZ	150W	130Lm/W	224PCS/3030	2700K~6500K	130°	> 70/80	≥ 0.95
HB01-0200-XX-CCRA	100-277Vac 50/60HZ	200W	130Lm/W	322PCS/3030	2700K~6500K	130°	> 70/80	≥ 0.95
HB01-0240-XX-CCRA	100-277Vac 50/60HZ	240W	130Lm/W	364PCS/3030	2700K~6500K	130°	> 70/80	≥ 0.95

Code format:

HBNN-YYYY-XX-CCRA



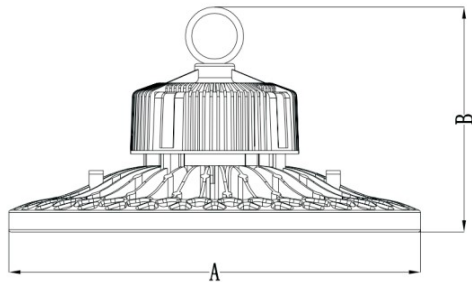
*Note: when both materials are used as lenses on lamps at the same time, the lens with the luminescent Angle can be determined internally as the model code.

Application:

- . Landscape , building decoration lighting;
- . Commercial lightings;
- . Factories;
- . Residential or public facilities.

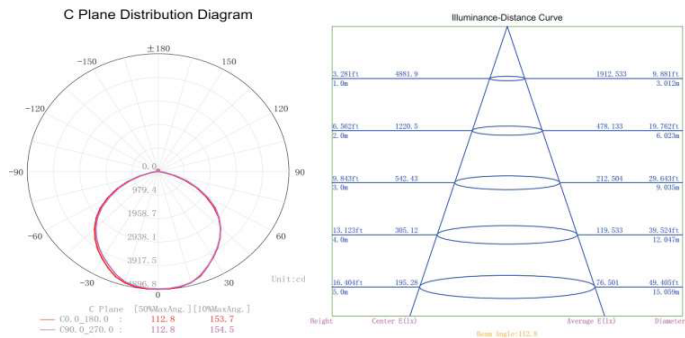


Dimension (Unit : mm):

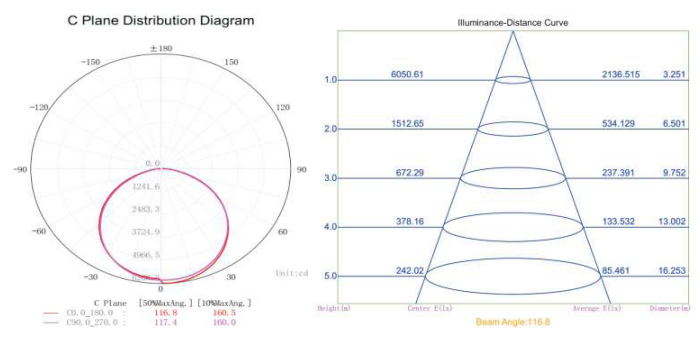


Wattage	A(unit mm)	B(unit mm)
100W	350mm	210mm
120W	350mm	210mm
150W	350mm	210mm
200W	420mm	220mm
240W	420mm	220mm

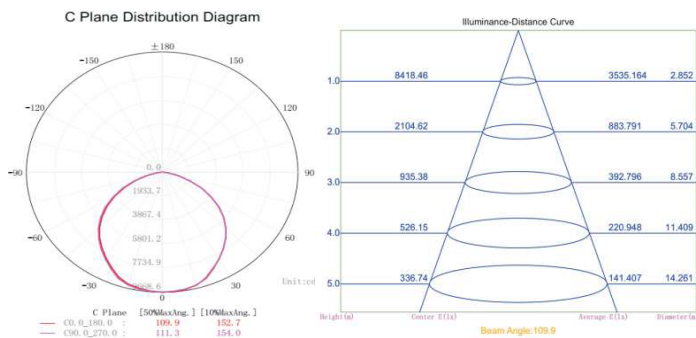
Light distribution curve and illumination distribution drawing:



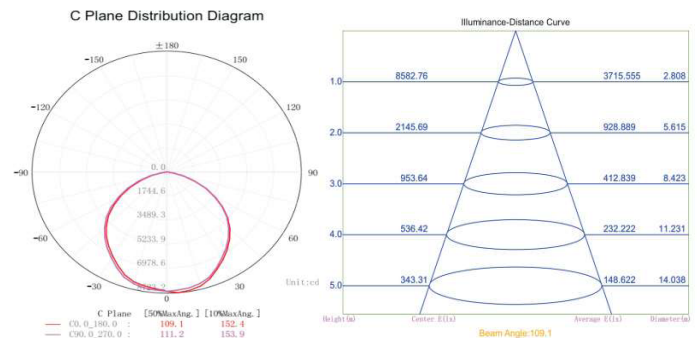
HB01-0100-XX-CCRA



HB01-0150-XX-CCRA



HB01-0200-XX-CCRA



HB01-0240-XX-CCRA

Installation:

Reminder

We appreciate your purchase!
Please read the instruction manual before installation and keep it for future reference.

Warning

1. To avoid damage, falling, electric shock or fire, please do not modify the lamp or replace accessories without confirming with the supplier first.
2. Please authorize only qualified personnel to install the lamp and ensure they follow the instruction manual. Any improper installation might cause falling, electric shock, fire, or other injury, damage or hazard.
3. Please disconnect power before installation or any maintenance of the lamp.
4. Please disconnect power if it begins to smoke or emit odors, since fire or electric shock may occur. Ask qualified person to inspect and maintain the luminaire.
5. Please do not dismantle the lamp without the supplier's authorization.
6. Please do not touch the power supply when the lamp is operating.
7. If the external flexible cable or cord of the luminaire is damaged, it should only be replaced by the supplier, a service agent or qualified person.

Application

With unique high-purity die-cast aluminum heat sink, high-brightness SMD chip, high-efficiency constant current and constant voltage power driver, the MINI LED high bay is designed for factories, workshops, warehouses, highway toll stations, gas stations, supermarkets, exhibition halls, stadiums and similar applications.

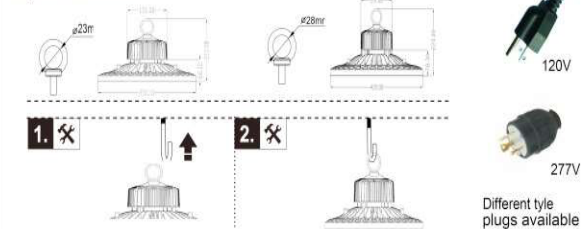
Technical Parameters

Product Specifications	100W	120W	150W	200W	240W
Input Voltage	AC100~240V / AC100~277V			AC100~240V / AC100~277V	
Power Frequency	50 / 60Hz			50 / 60Hz	
CRI	Ra80			Ra80	
Beam Angle	60° 80° 120°			60° 80° 120°	
IP Rating	IP65			IP65	
Outlook Dimensions	415x390x205 mm 640*405*220mm(2pcs)			485x460x225mm	
Luminaire Net Weight	4.2±0.1kg	4.7±0.1kg	5.2±0.1kg	6.6±0.1kg	
System Efficacy	130lm/w(C CT=5000K)			130lm/w(C CT=5000K)	
Power Factor	>0.95			>0.95	
Lifespan	≥50000Hrs(LM80@35°C)			≥50000Hrs(LM80@35°C)	
Working Temperature	-40 ~ +50°C			-40 ~ +50°C	
Working Humidity	15% ~ 90%RH			15% ~ 90%RH	
Storing Temperature	-40 ~ +70°C			-40 ~ +70°C	

Installation Instructions

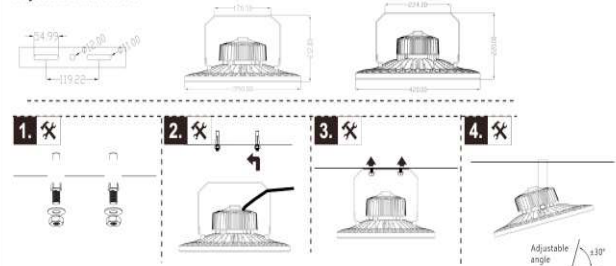
A. Loop hanging installation

Physical Dimensions



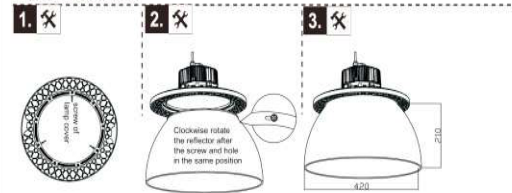
B. Adjustable surface mount installation

Physical Dimensions

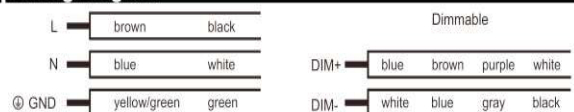


C. Installation of Reflector

Physical Dimensions



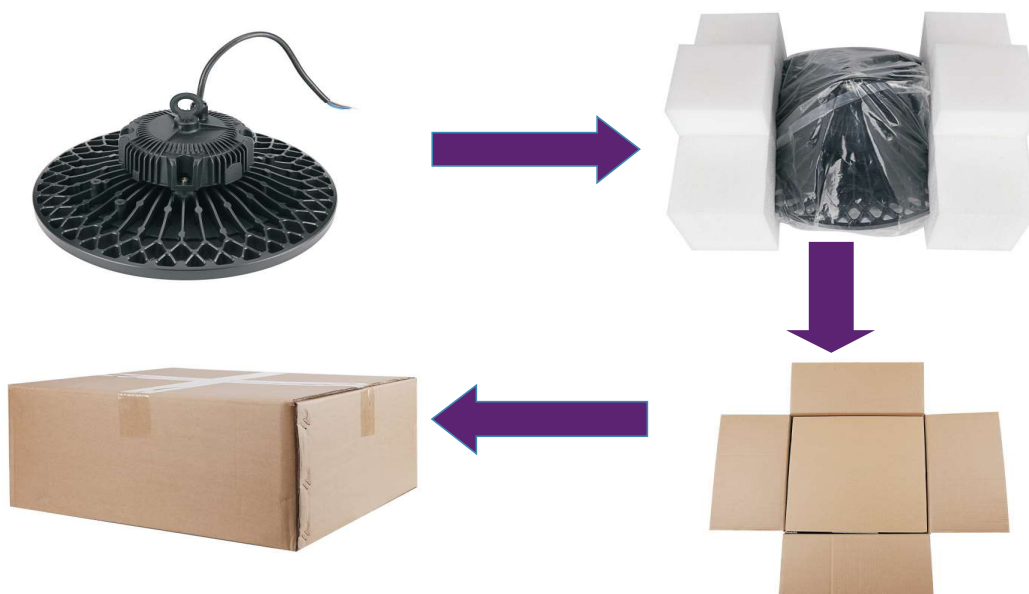
Wiring Diagram



Installation requirement:

1. Please prepare two sets of bolts to install the light;
2. Power off before installation;
3. Make sure the installed surface can endure the weight of light, and fix the light on the installed surface securely(according to installation diagram);
4. Connect light wire to power wire, seal the joint with insulation.

Packaging:



SKU	N.W.(±0.2)	G.W.(± 5%)	Product Dimension	Qty/ctn	Outer Carton Dimension
HB01-0100-XX-CCRA	8.4KG	11.0KG	/	2PCS	640mmX410mmX240mm
HB01-0120-XX-CCRA	9.4KG	12KG	/	2PCS	640mmX410mmX240mm
HB01-0150-XX-CCRA	10.4KG	13KG	/	2PCS	640mmX410mmX240mm
HB01-0100-XX-CCRA	4.2KG	6.2KG	/	1PCS	415mmX390mmX205mm
HB01-0120-XX-CCRA	4.7KG	6.7KG	/	1PCS	415mmX390mmX205mm
HB01-0150-XX-CCRA	5.2KG	7.2KG	/	1PCS	415mmX390mmX205mm
HB01-0200-XX-CCRA	6.6KG	8.2KG	/	1PCS	485mmX460mmX225mm
HB01-0240-XX-CCRA	6.6KG	8.2KG	/	1PCS	485mmX460mmX225mm

! Notice:

- 1.Please read the specification first, to make sure the service environment matches the conditions in the specification before using;
- 2.Please confirm input voltage, frequency before using;
3. The lamp must be installed by professionals;
4. The lamp can't be used if the power wire, housing are damaged;
5. The lamp can't be maintained by non-professionals;
- 6.If the exterior flexible cable or wire is damaged, it must be exchanged by the supplier, its agent or other relevant qualified personnel to avoid dangers;
- 7.Using environment: -20℃-40℃.