



MHB-Uxxx-B-1

LED Highbay Light



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MHB-U-B-1 series LED high-bay light, the lamp body and power box are made in one piece by die-cast to save manufacturing expenses.

Utilizes the best in LED componentry for outstanding longevity and efficacy.

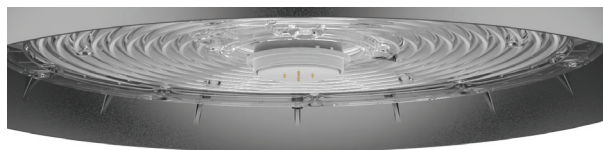
- Patented new products and Industrial lighting applications.
- With an aesthetic streamlined design.
- Built-in driver design.
- Reliable and high performance.
- Optimum point on quality & cost.

Technical parameter

Model number	Power	Lumens	Luminous Efficacy (Lm/W)	Product Size(mm)	Packing Size(mm)	NW(Kg)	GW(Kg)
MHB-U100-B-1	100W	15000	150	Ø248*173	270*270*150	1.7	2.2
MHB-U150-B-1	150W	22500		Ø276*186	315*315*167	2.2	2.7
MHB-U200-B-1	200W	30000		Ø312*186	352*352*167	2.5	3.2
MHB-U240-B-1	240W	36000		Ø360*192	400*400*173	2.7	3.5
MHB-U300-B-1	300W	45000		Ø360*192	400*400*173	2.8	3.6



Details



Made in one piece



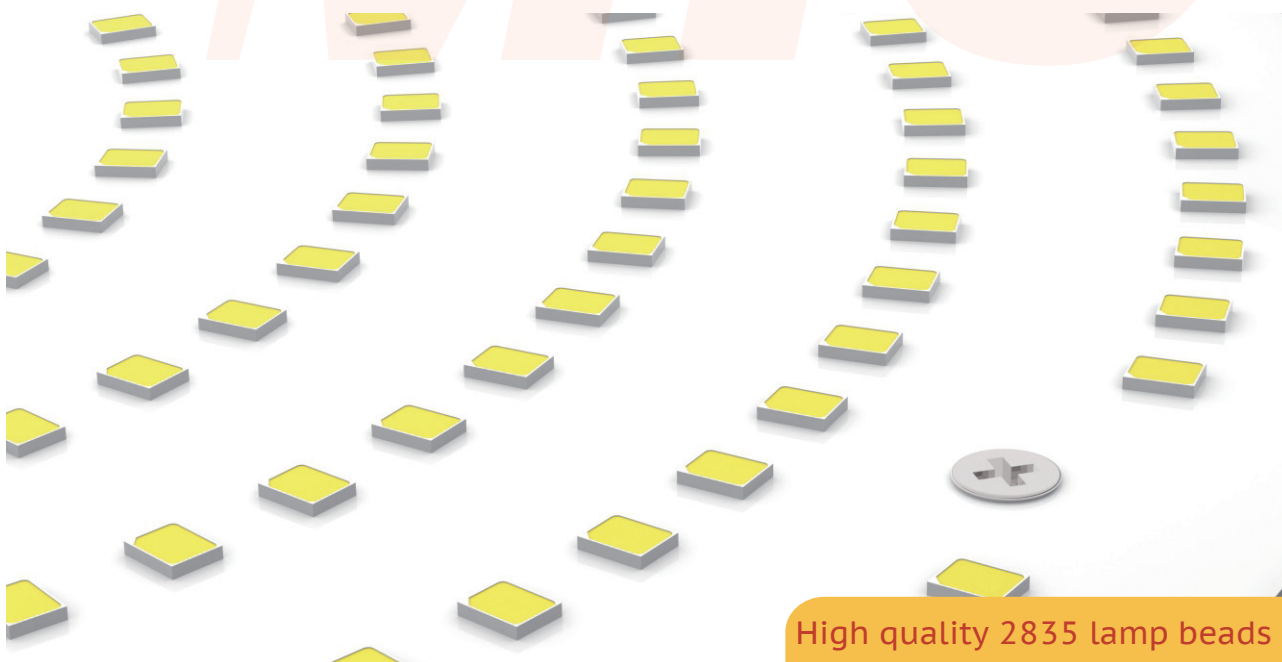
Optional sensor



60°/90°/120°
adjustable lens

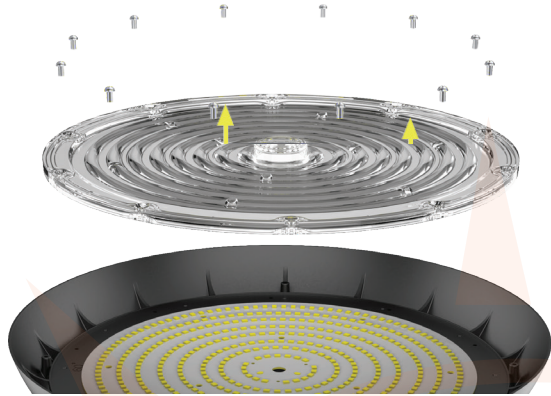


Alu-cover optional

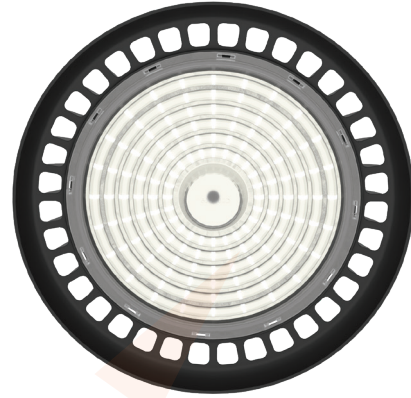


High quality 2835 lamp beads

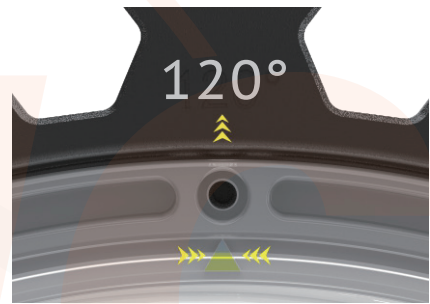
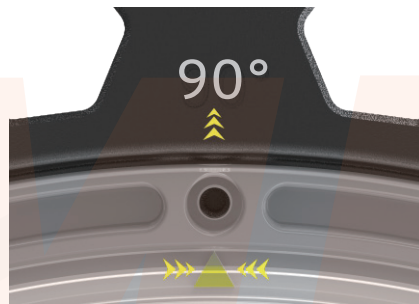
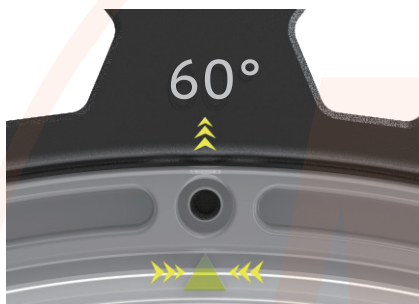
Lighting Angle Adjustment



Fix the lamp with flat and remove all the screws



Find the white color triangular mark on the edge of the lens



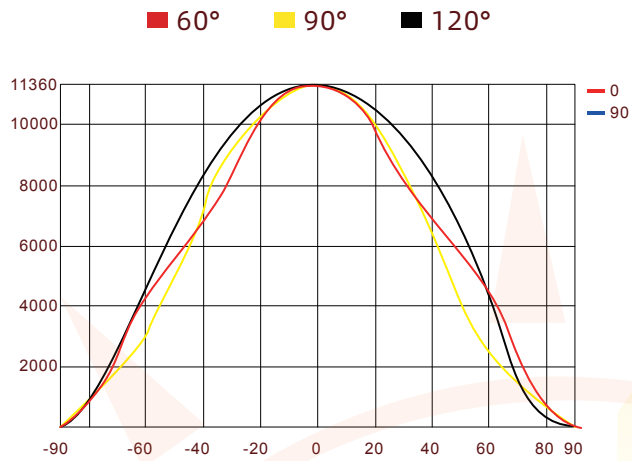
Align the triangle mark at the demand beam angle Nr.



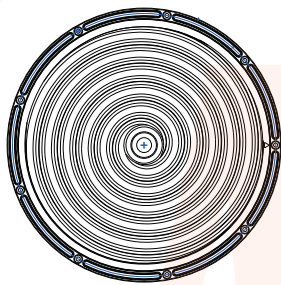
Clean the lens, PCBA and chamber
Tighten all screws starting
with the screw at the desired angle



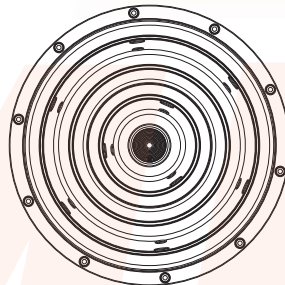
Light Distribution



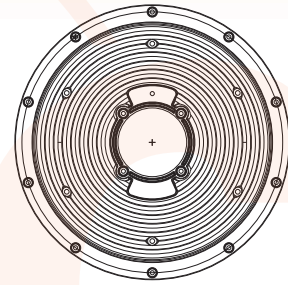
Reflector



Adjustable Angle lens

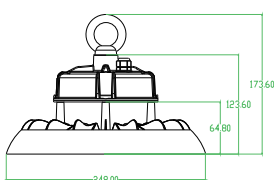
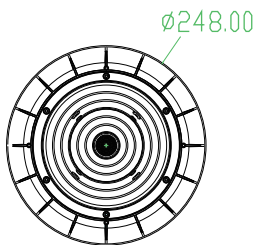


Ordinary lens

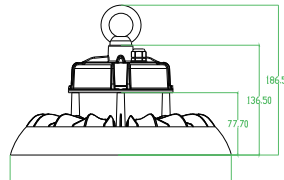
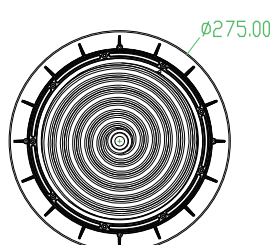


With Sensor Lens

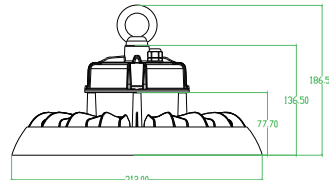
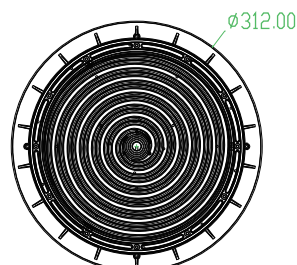
Size(unit:mm)



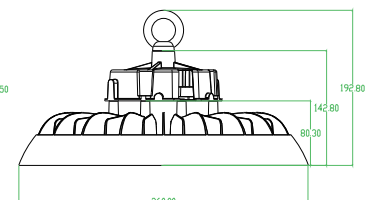
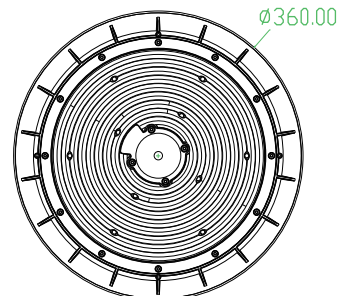
100W



150W

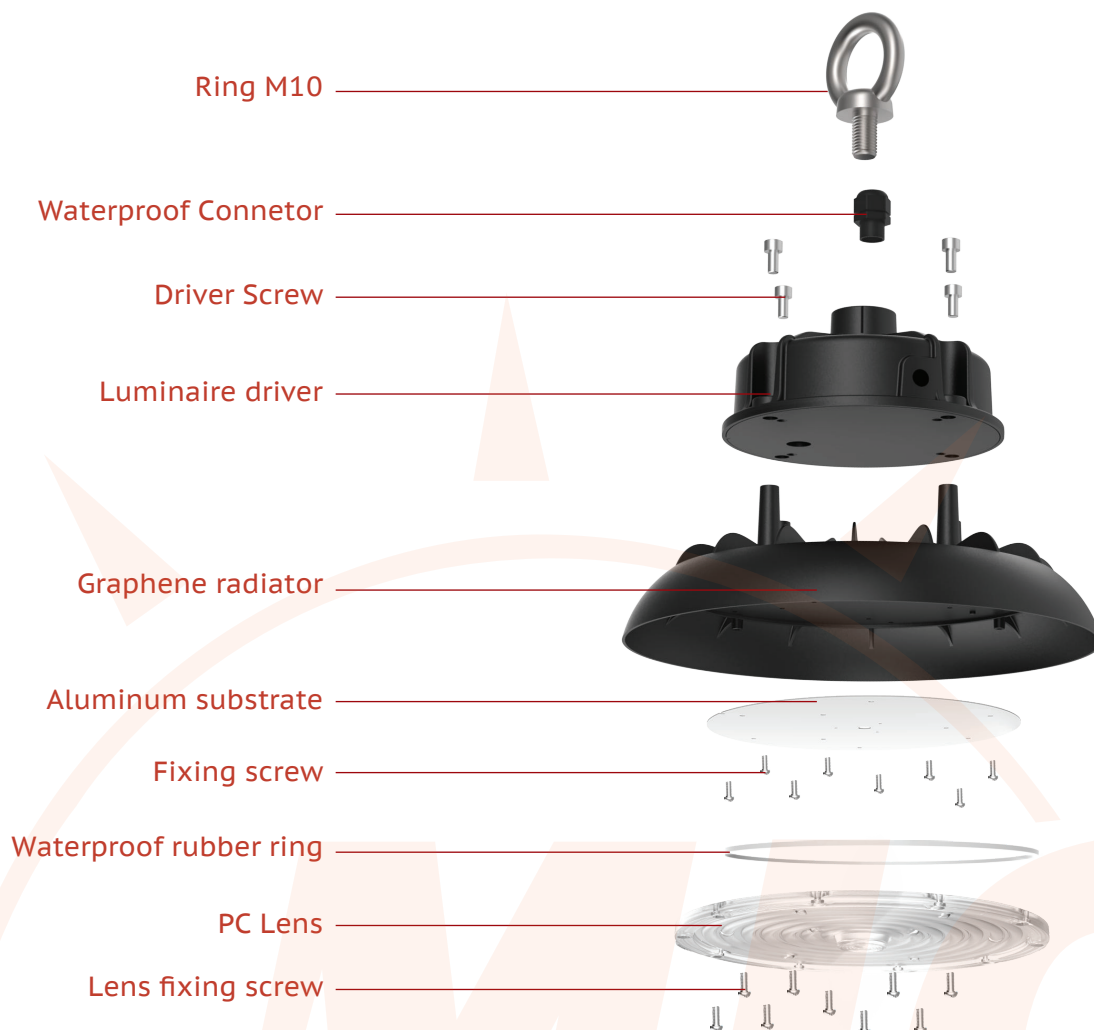


200W



240 / 300W

Names of Parts

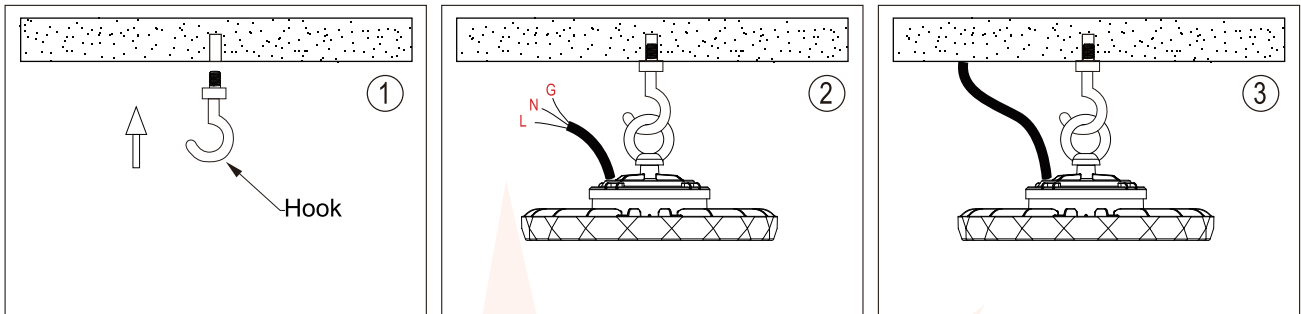


Parameter

Driver	Lifud / ZH		LED Chip	SMD 2835
Operation voltage	200-240V 50/60Hz		CRI	70 or ≥ 80
Power Factor	≥ 0.95		CCT	3000K/4000K/5000K/6000K
SPD	4KV		IP Rating	IP65
THD	<15%		IK Rating	IK08
Operation temperature	- 20°C~45°C		Lifespan L70/B10	>54,000hrs @Ta 25°C
Power	100W	150W	200W	240 / 300W
Leds	160pcs	240pcs	320pcs	480pcs
Series-Parallel	40s4p	40s6p	40s8p	40s12p
20GP (pcs)	2600	1566	1256	938
40HQ (pcs)	6800	4096	3285	2454

Installation guide

1. Hook Installation



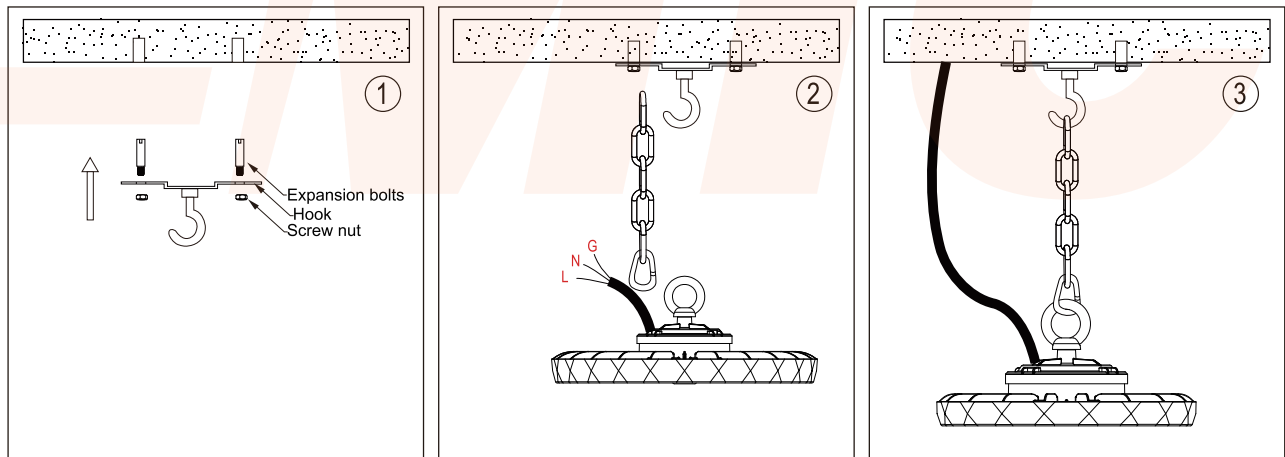
1. Install the hook in advance where the product needs to be installed. (Note that the hook should be used together with the ring, and make sure the hook can support the product).

2. Hang the ring on the product into the installed hook, and lift the product through the ring.

3. Connect the cable drawn from the installation site to the cable of the product in accordance with the wiring principles, and conduct waterproof and insulation treatment.

4. Connect the power and observe whether the product can work normally.

2. Chain Installation



1. Install the hook in advance where the product needs to be installed. (Make sure the hook can support the weight of the product).

2. Hang the chain (with the product) into the installed hook, and lift the product through the hook & chain.

3. Connect the cable drawn from the installation site to the cable of the product in accordance with the wiring principles, and also conduct waterproof and insulation treatment.

4. Connect the power and observe whether the product can work normally.



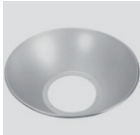
LED Highbay Light

— LIGHT THE WORLD —

Accessories(optional)



PC Cover



Alu-Cover



Chain



Alu-Cover



Chain



Plug Available



1-10V to
Dali adapter



*Please connect the input wire in correct way, Blue is ACN, Brown is ACL, green/yellow is GROUND connection.

*Please also make sure the wire connection is fixed perfectly before using.

Announcements:

1. This equipment is only for professional installation. Non-professional personnel shall not remove or install the equipment.
2. Please read the instruction manual before installation and keep it for future reference.
3. To avoid damage, falling, electric shock or fire, please do not modify the lamp or replace accessories without confirming with the supplier.
4. Maintenance/Installation and replacement the lamps, please confirm to cut off the power supply, and the lamp should set up a cooling. Please make sure the lamps are properly installed before processing power.
5. Ensure the accurate and reliable connection.
6. Ensure that the product around the vent, the lamp cannot violate any fire prevention regulations when using.

Warning

▲ WARNING/AVERTISSEMENT

RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal. Properly ground electrical enclosure.
- Follow all NEC and local codes.
- Use only UL or IEC approved wire for input/output connections.



Electrical Requirements

The LED driver must be supplied with 100-277VAC, 50/60 Hz per product label and connected to an individual properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker.



Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600 and local codes.



Save These Instructions

Use only in the manner intended by the manufacturer.
If you have any questions, contact the manufacturer.