



MHB-Uxxx-B-2

LED Highbay Light
100~400W



LED Highbay Light

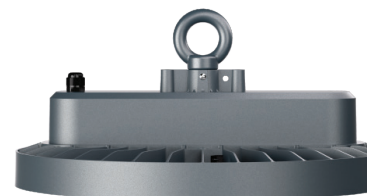
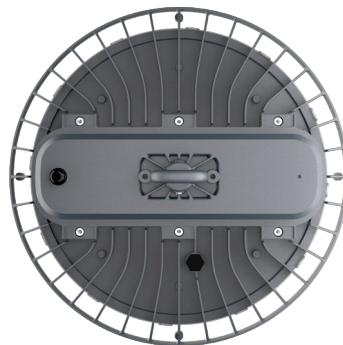
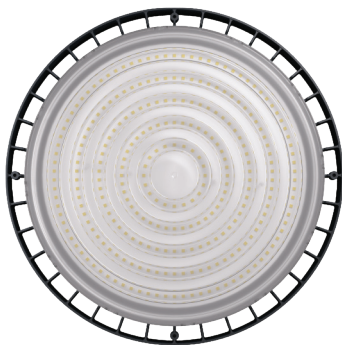
MHB-Uxx-B-2



MHB-U-B-2 series LED high-bay light, the lamp body and power box are made in one piece by die-cast to save manufacturing expenses.

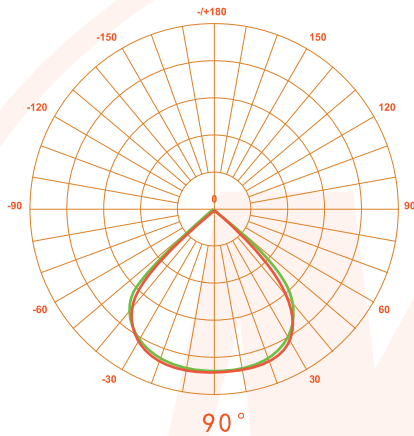
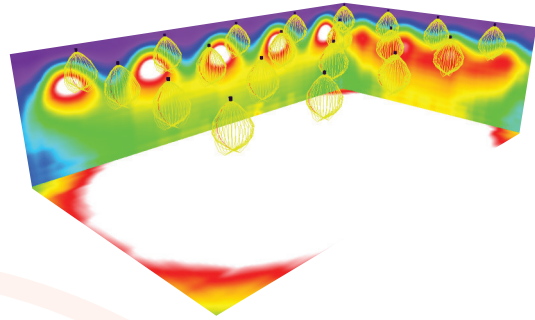
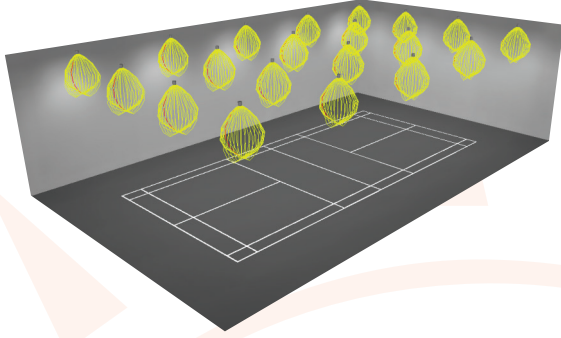
The optimized heat dissipation design can better lower the temperature, Extend the service life.

- 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.

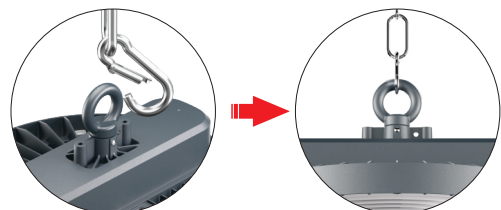
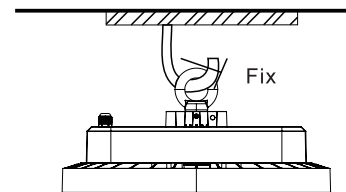
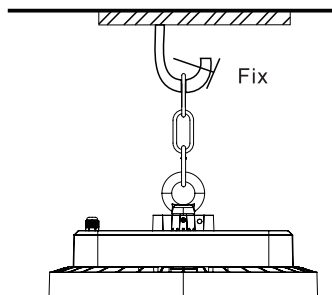
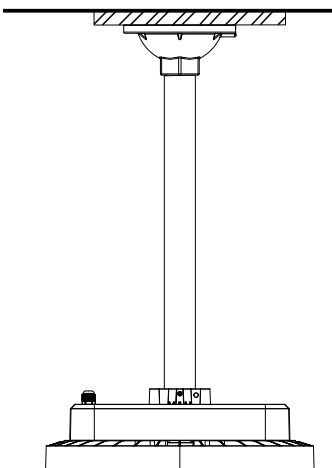


Light Distribution

Tech. Support: Tell us the room length, width, height and the usage. We have an engineer team to respond the DIALUX simulations for lights quantity calculation and effects. ies files are available upon request.

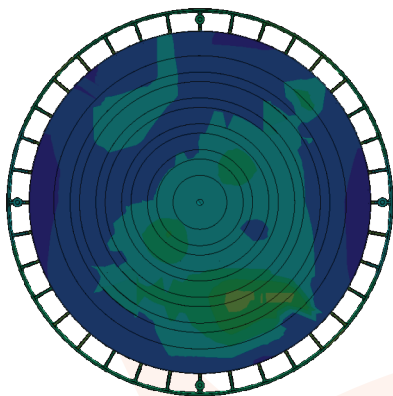


Installation introduction

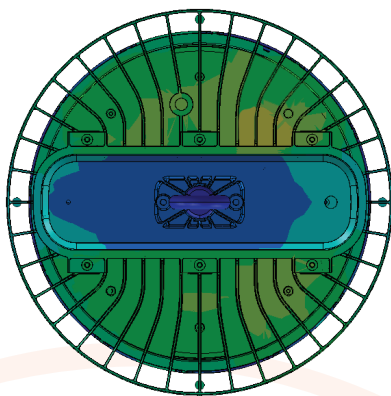


Thermal control technology

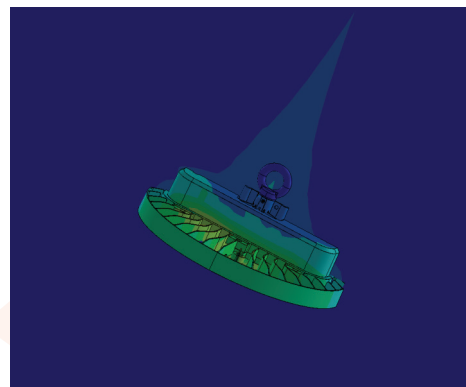
Structure optimized by advanced FEA technology to realize fast heat dissipation. Uniform heat distribution and keep high luminous flux to achieve longer lifespan.



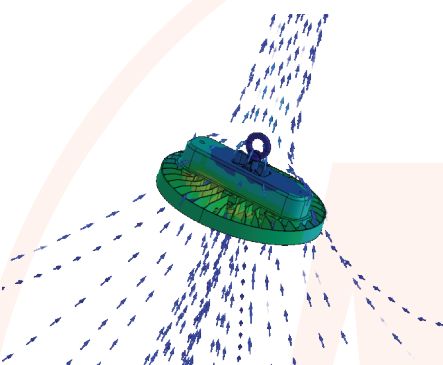
Thermal Conductivity



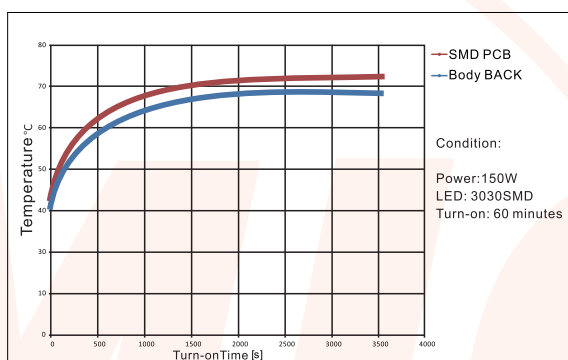
Thermal Conductivity



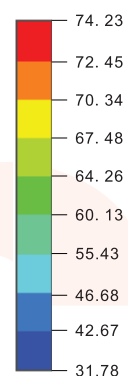
Thermal Air Convection



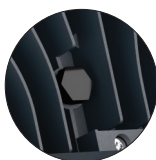
Thermal Air Convection



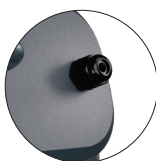
Temperature Rise Curve



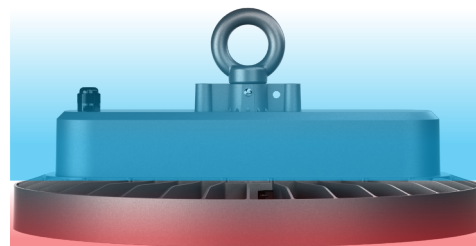
Unit: °C



Breathing valve



Waterproof gland



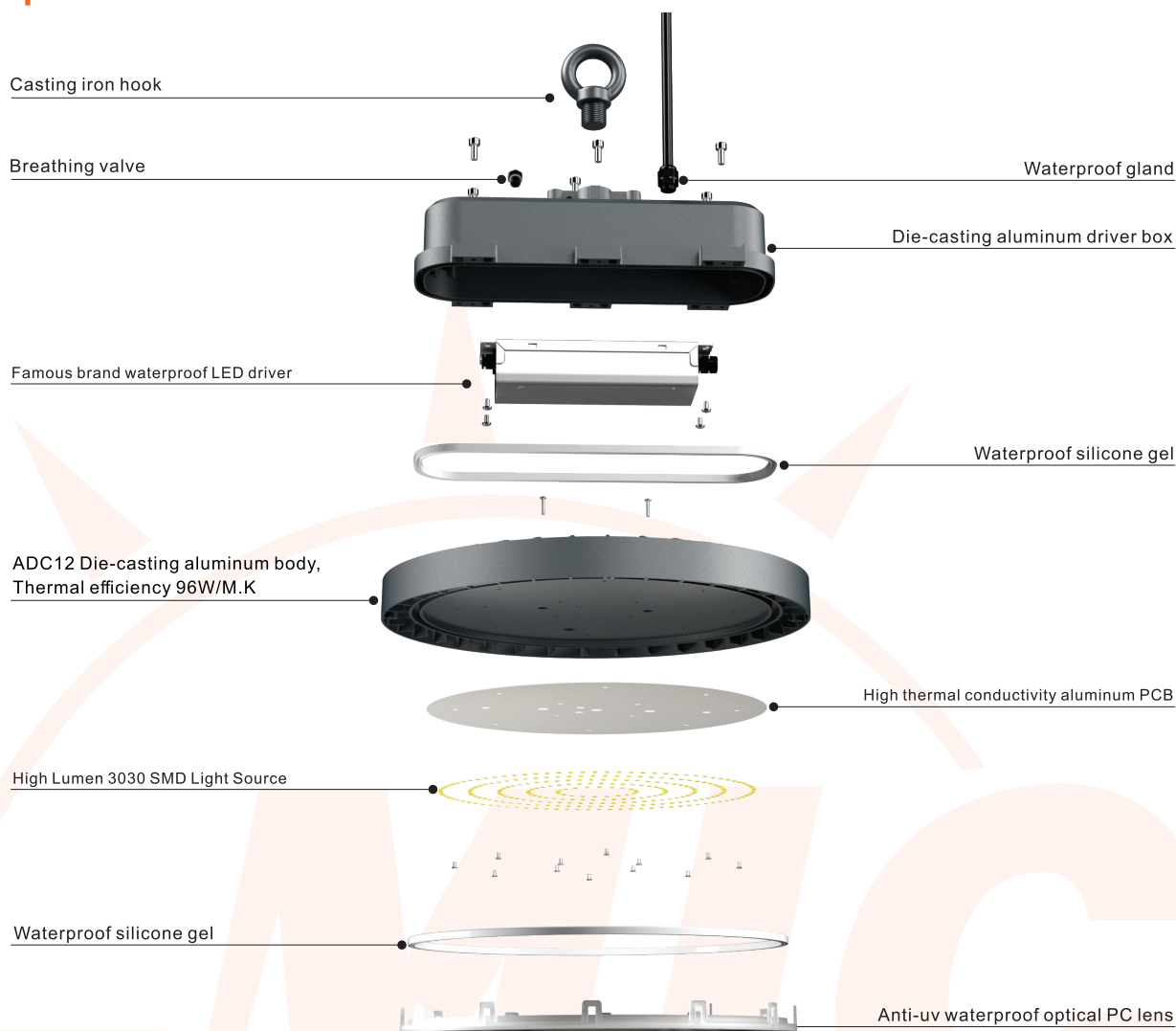
Note: The heat dissipation breathing valve can effectively avoid lens seal failure caused by thermal expansion and contraction. It can effectively avoid the generation of internal mist caused by the temperature difference between inside and outside.



LED HIGHBAY LIGHT

LIGHT THE WORLD

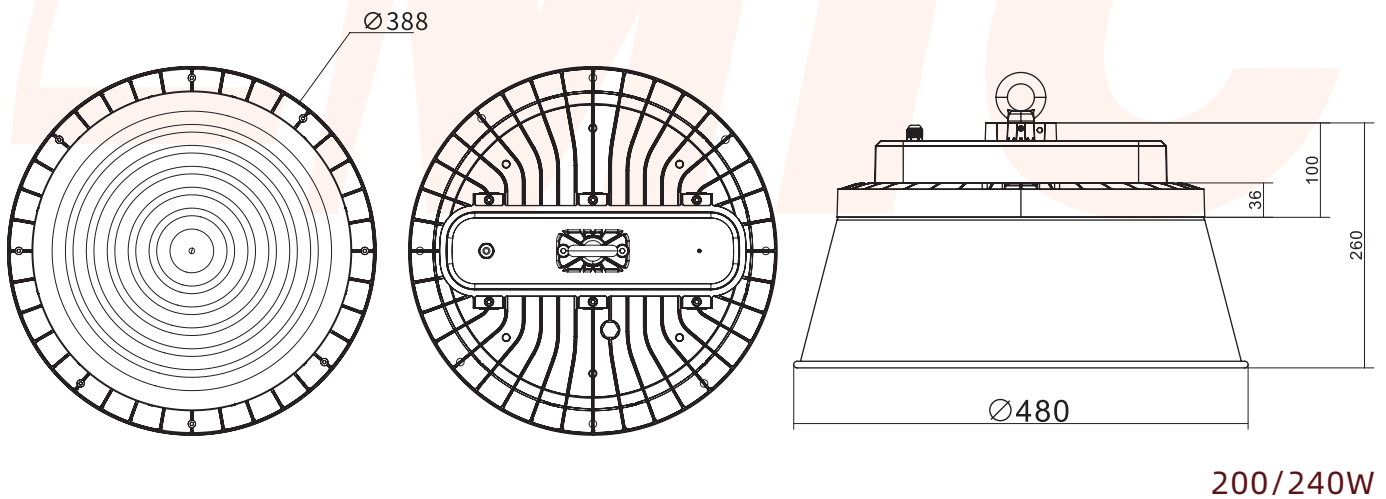
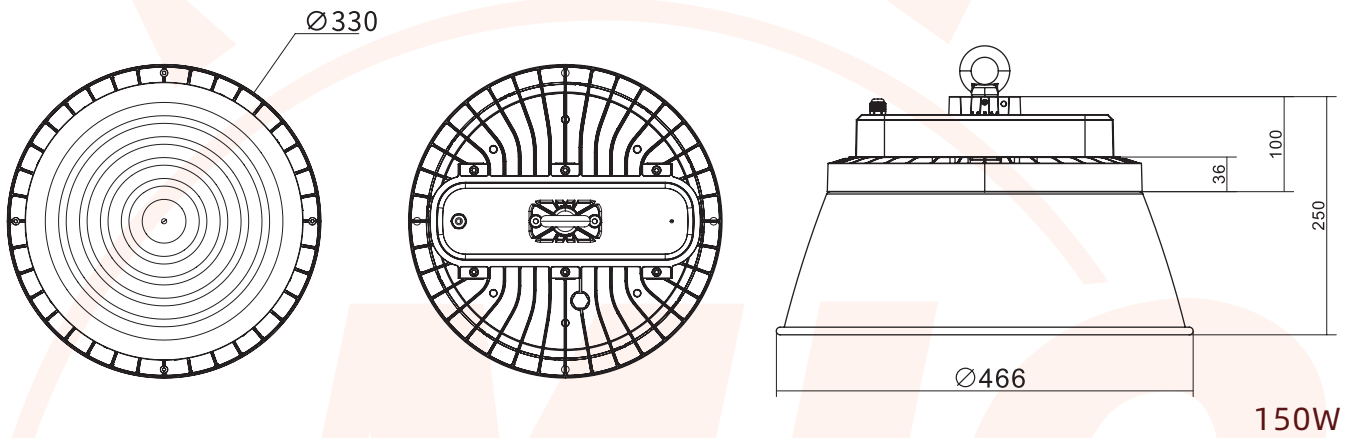
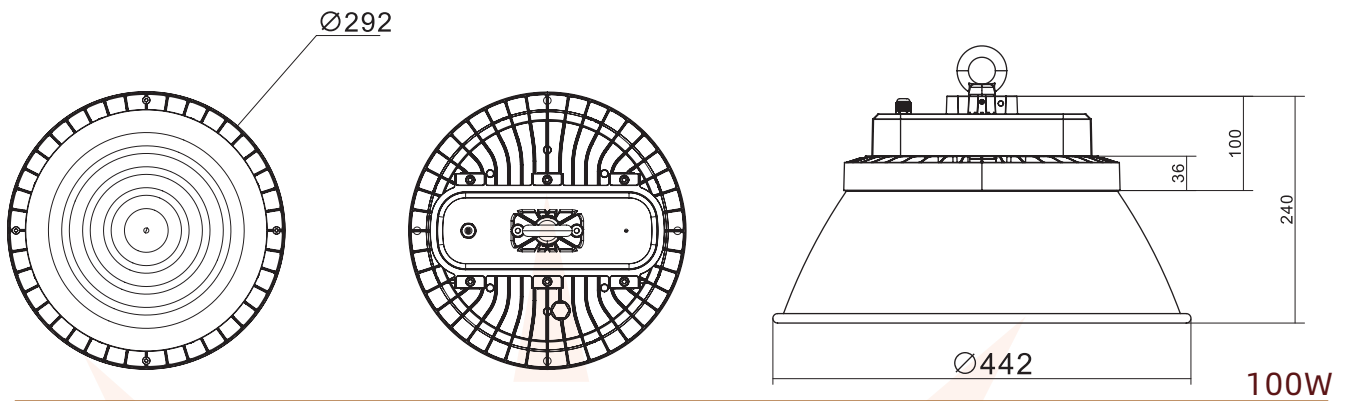
Exploded view



Parameter

Driver	MOSO/ZH		LED Chip		SMD 3030
Operation voltage	200-240V 50/60Hz		CRI		70 or ≥ 80
Power Factor	≥ 0.95		CCT		3000K/4000K/5000K/6000K
THD	<15%		IP Rating		IP66
Guarantee	5 years		IK Rating		IK08
Operation temperature	- 20°C~45°C		Lifespan L70/B10		>54,000hrs @Ta 25°C
Power	100W	150W	200W	240W	
PCB layout	8s24p	8s34p	8s44p	8s44p	
Product size(mm)	Dia292*h100	Dia330*h100	Dia388*h100	Dia388*h100	
Packing size(mm)	310*310*115	345*345*115	405*405*115	405*405*115	
Weight(N.W/G.W)	1.7kg / 2.2kg	2.2kg / 2.7kg	2.5kg / 3.2kg	2.5kg / 3.2kg	

Dimensions(Unit:mm)



100W



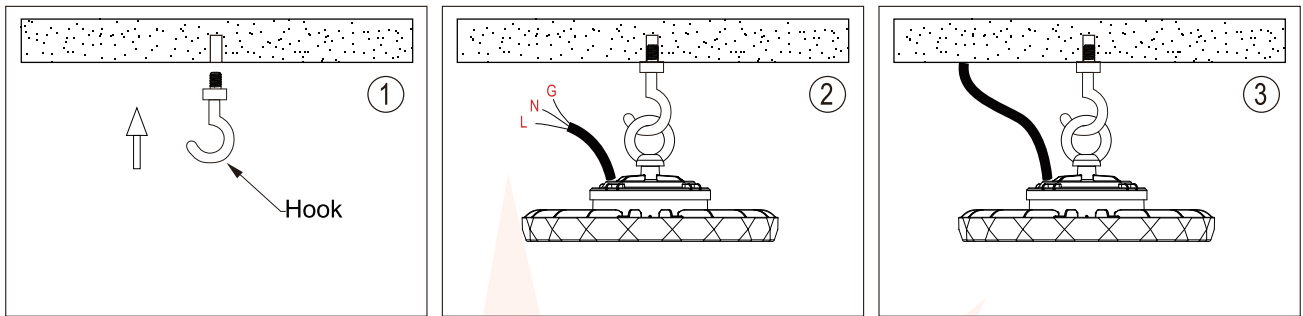
150W



200/240W

Installation guide

1. Hook Installation



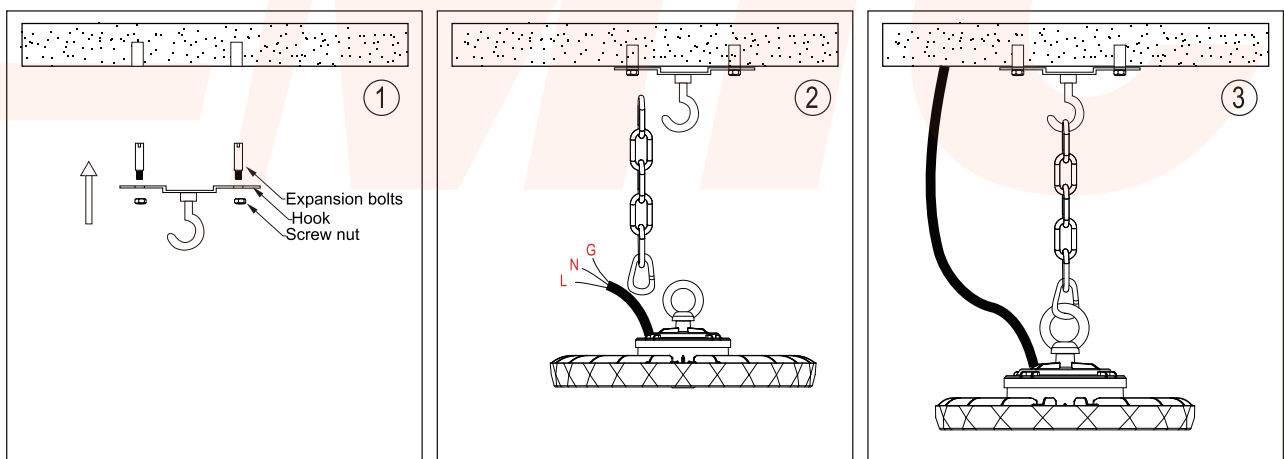
1. Install the hook in advance where the product needs to be installed. (Note that the hook should be used together with the ring, and make sure the hook can support the product).

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.



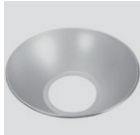
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Accessories(optional)



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 lampshade set up a cooling. Please make sure the lamps 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.