



Rayshow Lighting

[LED High Bay Installation Instructions](#)

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RAYSHOW LIGHTING

1. What is LED high bay light

LED high bay light is super energy efficient, using approximately 85% less energy than halogen or incandescent lighting – meaning significant savings on your power bills. LED high bay light also have a much longer lifespan than other types of lighting.

2. Advantage

Energy Saving and Eco-Friendly;

Shrilled cost on projects;

Large area of lighting;

Longer usage lifetime;

Low power consumption;

Gentle Lighting Emission.

3. Application

Workshop/Warehouse

Highway toll station/Gas station

Supermarket/Exhibition hall

Gymnasium etc.

4. LED High Bay Light List

Chip Brand	Model	Driver Brand	Input Volt (V/AC)	Working Volt. (V/DC)	Current (mA)	Efficacy (lm/W)	IP Rate	Chip Watt (Chip)
BRIDEGLUX (BXCD)	LS-BG30	MeanWell Invertronics MOSO	90-305	30-36	900	130-140	IP64	30*1W
	LS-BG50				1500			50*1W
	LS-BG80				2300			80*1W
	LS-BG100				3000			100*1W
	LS-BG120				3600			120*1W
CREE (XPL)	LS-CG50	MeanWell Invertronics MOSO	90-305	24-27	1900	150-160	IP64	8*(1-10)W
	LS-CG80				2000			12*(1-10)W
	LS-CG100				2000			15*(1-10)W
	LS-CG120				2000			18*(1-10)W
	LS-CG150				3950			22*(1-10)W
	LS-CG180				3850			28*(1-10)W
	LS-CG200				3800			32*(1-10)W
	LS-CG240				5600			39*(1-10)W
	LS-CG300				3950			22*(1-10)W*2
	LS-CG400				3800			30*(1-10)W*2
OSRAM LUW CRDP	LS-OG50	MeanWell Invertronics MOSO	90-305	34-37	1400	130-140	IP64	24*(1-3)W
	LS-OG80				2100			36*(1-3)W
	LS-OG100				2800			48*(1-3)W
	LS-OG120				2800			56*(1-3)W
	LS-OG150				2800			72*(1-3)W
	LS-OG180				3500			90*(1-3)W
	LS-OG200				4200			96*(1-3)W
PHILIPS LUXEON M	LS-PG50	MeanWell Invertronics MOSO	90-305	66-72	700	150-160	IP64	6*(1-10)W
	LS-PG80				700			9*(1-10)W
	LS-PG100				700			12*(1-10)W
	LS-PG120				700			14*(1-10)W
	LS-PG150				700			17*(1-10)W
	LS-PG180				700			20*(1-10)W
	LS-PG200				700			22*(1-10)W
	LS-PG240				700			27*(1-10)W
	LS-PG300				700			17*(1-10)W*2
	LS-PG400				700			22*(1-10)W*2

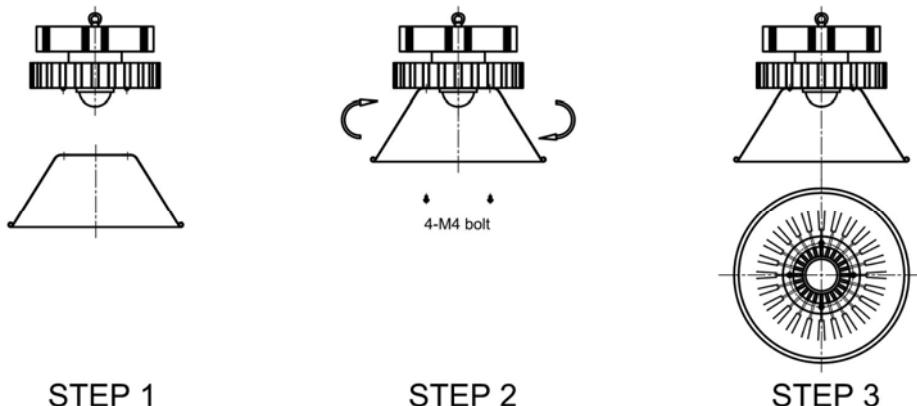


5. Installation

⚠️ Warnings

- 1, *Ensure power is off before starting installation or attempting any maintenance.*
- 2, *Risk of Electric Shock, Suitable for damp locations.*
- 3, *All work should be performed by a qualified electrician.*
- 4, *This product must be installed in accordance with NEC and your local codes*
- 5, *By a person familiar with the construction and operation of the product and hazards involved.*
- 6, *Before the connection, make sure all of parts are listed by UL*

1, Cap Installation

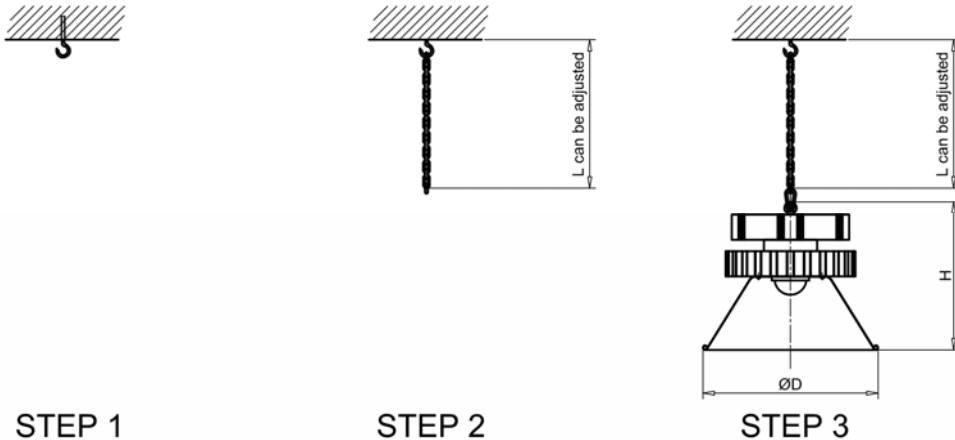


STEP 1

STEP 2

STEP 3

2, Hanging method (make sure the mounting is strong)

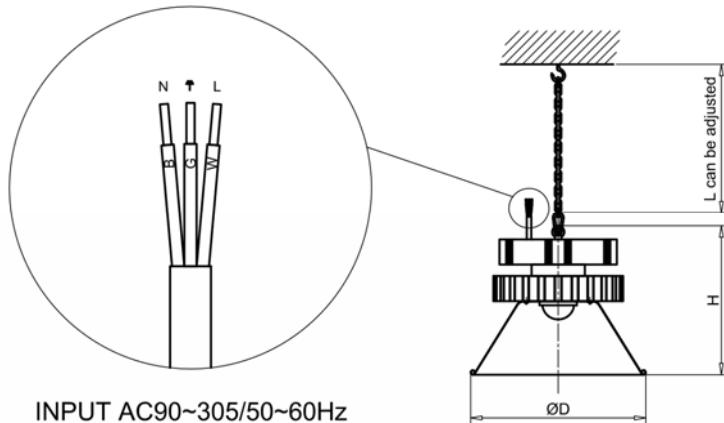


STEP 1

STEP 2

STEP 3

3, Electric Wiring



6. Failure Handling

Description	Analysis	Solution
LED high bay light is off	1. Check the connection of Power lines	1. Reconnect the power line and measure voltage
	2. LED Driver failure	2. Replace with a new driver
	3. LED chip failure	3. Replace new LED chip
LED high bay light malfunction	1. Check LED driver output	1. Replace with a new driver
	2. LED chip failure	3. Replace new LED chip
LED high bay light flashing	1. Check LED driver output	1. Replace with a new driver
	2. LED chip failure	3. Replace new LED chip

7. Safety Information

WARNINGS

To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and Maintained by a qualified electrician only, in accordance with all applicable electrical codes.

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.
- Make sure the supply voltage is the same as the rated luminaire voltage.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate

8. Warranty

FIVE YEARS FREE MAINTENANCE

9. Certificate

ISO9001:2008 | UL | FCC | CCC | ROHS | CE

10、 Accessories

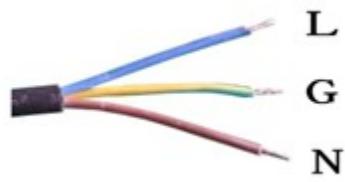
The instruction have a copy and certification for each LED high bay light

11、 Cautions of Installation

11.1 Make sure no short circuits

11.2 Turn the luminaire off and call for repairs when it is not working powered on.

11.3 Turn the luminaire off and call for repairs when it smokes or sparks.



Power lines connection picture

L: Live line

G: Bonding line

N: Zero line



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