

# Installation Instructions

## Descriptions

The luminaire contains a constant-current driver and LED light sources. It works under technical conditions as the product labels indicate.

## Technical Parameter

LED High Bay Light				
Module Quantity	Recessed Mounting		Ceiling Mounted	Surface Mounting
Power	120W			
Input Voltage	<input type="checkbox"/> 100~240V	<input type="checkbox"/> 100~277V	<input type="checkbox"/> 220~240V	<input type="checkbox"/> 120~277V <input type="checkbox"/> 277~480V <input type="checkbox"/> Other_____
Power Factor	0.95			
Working Environment	-40°C~+50°C, 10%~90%RH			
Storage Environment	-40°C~+50°C, 10%~90%RH			
Mounting Height	4~25m			
Bolt Torque	17Nm			
Dimensions	425x400x125mm	335x335x175mm		370x335x170mm
Net Weight	5.7kg	6.0kg		4.7kg
Project Area	0.170m <sup>2</sup>	0.113m <sup>2</sup>		0.132m <sup>2</sup>
Degree of Protection	<input type="checkbox"/> IP54 <input type="checkbox"/> IP65 <input type="checkbox"/> IP66 <input type="checkbox"/> IP67 <input type="checkbox"/> Other_____			

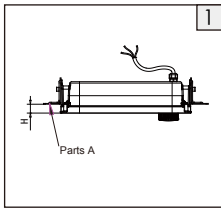
Notes: The above net weight is typical value. The power above are maximum rated power of the model subject to tolerance of 10%.

## Applications

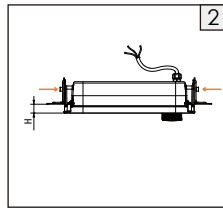
Large rooms such as venue, hall, warehouse, factory, gas station, sports center, mall, supermarket, exhibition center, etc.

## Installation

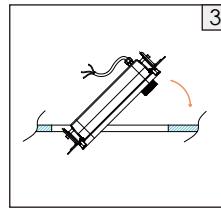
### Recessed



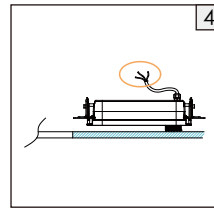
1. Measure thickness of the mounting board. Adjust the distance from bottom of the angle brackets(Parts A) to the bottom surface of luminaire till it matches the thickness .



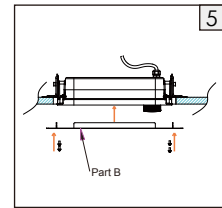
2. Fixate the angle brackets to the luminaire with four M8 screws.



3. Tilt the luminaire to have it go across the mounting hole, and then put it on the board at side of the hole.

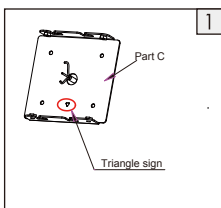


4. Connect the wires to AC input.

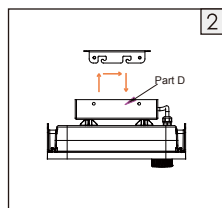


5. Move the luminaire to the right place on the hole. Fixate the frame( Part B ) to the luminaire with four M4 screws.

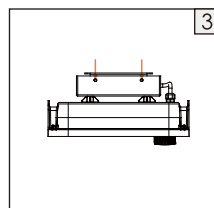
### Ceiling



1. Thread the AC input cable through a hole on fixing board (Part C). The triangle sign points to the luminaire. Mount the fixing board onto ceiling with M6 screws. Connect wires to AC input.



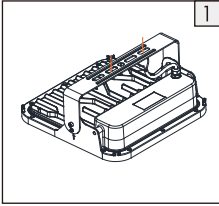
2. Hang the bracket onto the fixing board with self-clinching studs on bracket(Part D) going through the slots on fixing board.



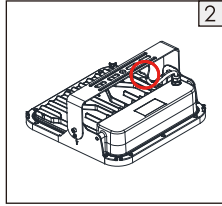
3. Fixate the bracket and fixing board with four M6 screws.

# Installation Instructions

## Surface

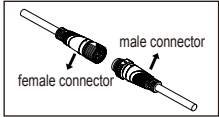


1. Mount the fixture by the U-shaped bracket with M10 screws fastened up.

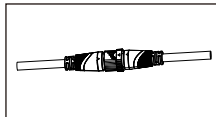


2. Connect wires to AC input.

## Cable Connectors



1. Connect the male and female connectors by aligning the indicative arrow on them.



2. Hold the nut on one terminal still, meanwhile, rotating clockwise till the one on the other terminals is tightened up. Otherwise the waterproof performance might be affected.

## Wiring

Power Supply End	Earth wire	Neutral wire	Live wire
Fixture End	Yellow-green lead	Blue lead	Brown lead
	Green lead	White lead	Black lead

## Caution

- a** Disconnect or turn off power before installation, maintenance and wiring.
- b** Cable connection must be insulated and waterproof.
- c** It is possible that the glass applied in this luminaire breaks into small pieces. Working environment of the glass: -40°C~+160°C ; Maximum temperature rise of the glass: 160°C
- d** The light source of this luminaire is not replaceable. When the light source's lifetime comes to an end, it is the whole luminaire that should be replaced.

Warning: Danger! Electric shock risk!

(via IEC 60417-6042 (2011-11) )

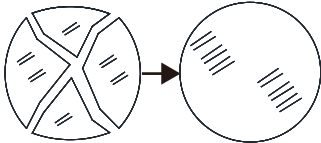


For luminaires with glass cover: The broken cover should be replaced.

Rectangle



Round



The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling

## Remarks

1. This luminaire uses permanent connection on power supply with flexible cable and wires (60245 IEC57). Sufficient length of cable is reserved for connection to AC power. Protection over the connection joint and elimination of tensile force there should be ensured.
2. This luminaire uses type Z attachment: the external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.
3. Wiring: the connection to AC power should be operated on terminal blocks in a wiring box with a degree of protection at least equivalent to the luminaire, and there should be devices to fixate wires.
4. The luminaire can be mounted onto ordinary combustible surfaces.