

# Installation Instructions

## Descriptions

The luminaire contains constant-current driver(s) and LED module(s). It works under technical conditions as the product labels indicate. Its modular design makes it convenient to replace whichever of the modules that failed.

## Technical Parameter

| LED High Bay Light   |   |                     |                     |                     |                     |
|----------------------|---|---------------------|---------------------|---------------------|---------------------|
| Module Quantity      | 1   | 2                   | 3                   | 4                   | 5                   |
| Power                | 60W   | 120W                | 180W                | 240W                | 300W                |
| 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_____ |                     |                     |                     | Frequency 50/60Hz   |
| Power Factor         | 0.95  |                     |                     |                     |                     |
| Working Environment  | -40°C~+50°C, 10%~90%RH  |                     |                     |                     |                     |
| Mounting Height      | 4~25m   |                     |                     |                     |                     |
| Bolt Torque          | 17Nm  |                     |                     |                     |                     |
| Dimensions           | 120x300x335mm   | 275x300x325mm       | 275x300x325mm       | 355x300x325mm       | 435x300x325mm       |
| Net Weight           | 2.0kg   | 3.8kg               | 4.3kg               | 5.2kg               | 6.1kg               |
| Project Area         | 0.036m <sup>2</sup>   | 0.083m <sup>2</sup> | 0.083m <sup>2</sup> | 0.107m <sup>2</sup> | 0.131m <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_____   |                     |                     |                     |                     |

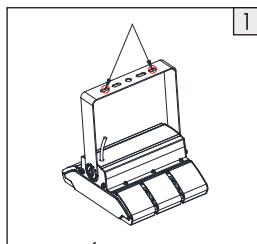
Notes: The above net weight is typical value. The power above are maximum rated power of the model subject to tolerance of 10%.

## Applications

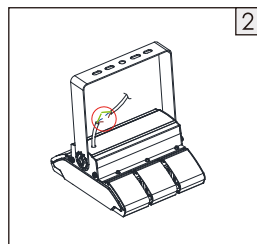
Large rooms such as venue, hall, warehouse, factory, gas station, sports center, mall, supermarket, exhibition center, etc.

## Installation and Maintenance

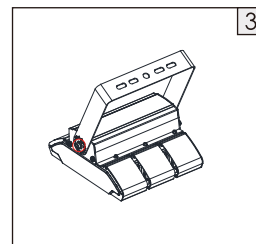
### Installation



1. Fixate the luminaire bracket onto the mounting surface with screws (recommand two M10 screws).

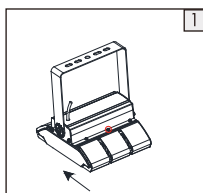


2. Connect the wires to L, N and GND of AC input. Make sure it grounded sufficiently.

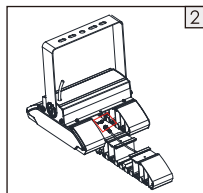


3. Loosen the screws on two sides of the bracket to adjust the fixture to a proper angle. Tighten up the screws.

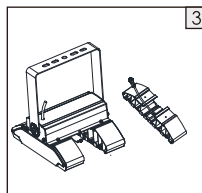
### Maintenance



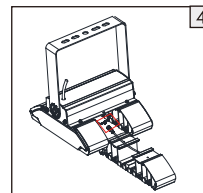
1. Undo the screws on back of the failed module. Slide it to one end to draw out the module.



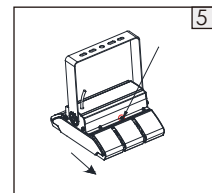
2. Unscrew its cable connector.



3. Replace with a new module.



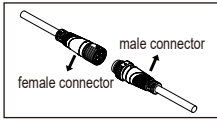
4. Install the new module with the connectors fastened.



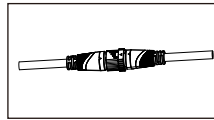
5. Slide in the module to hang on the groove. Fixate it with the screws on the back.

# Installation Instructions

## 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** For luminaires with glass cover: the cover is made of tempered glass which shatters into small pieces without sharp edges when it breaks. Application condition:  $-30^{\circ}\text{C}\sim 100^{\circ}\text{C}$ ; maximum temperature rise  $\Delta t 60^{\circ}\text{C}$ .
- 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.

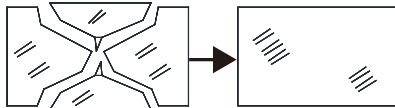
Warning: Danger! Electric shock risk!

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

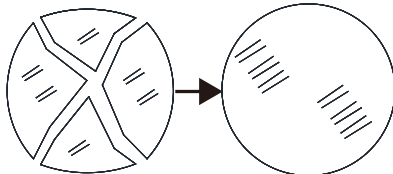


For luminaires with glass cover: The broken cover should be replaced.

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.