

# 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

| Gas Station Light    |  |
|----------------------|--|
| Module Quantity      | 2  |
| 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℃~+50℃, 10%~90%RH   |
| Bolt Torque          | 2Nm  |
| Mounting Height      | 4~25m  |
| Dimensions           | 470x220x110mm  |
| Net Weight           | 5.8kg  |
| Project Area         | 0.104m <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____   |

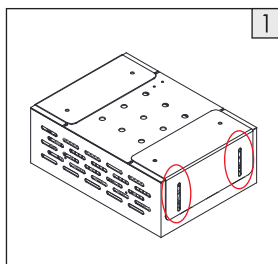
Notes: The above net weight is typical value. The power above are maximum rated power of the model subject to tolerance of 10%.

## Applications

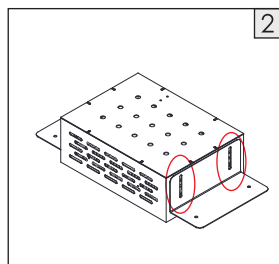
Large rooms such as venue, hall, warehouse, factory, gas station, sports center, mall, supermarket, exhibition center, etc.

## Installation and Maintenance

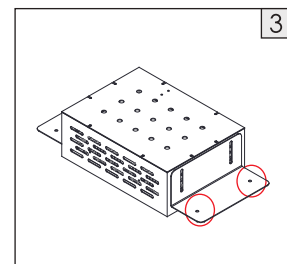
### Installation



1. Unscrew the angle mounting board.

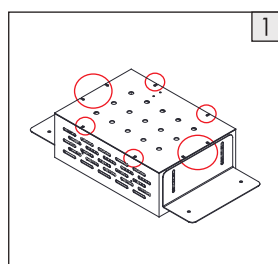


2. Turn the mounting board over and fixate it to the body with screws. Connect the wires to AC input correspondingly.

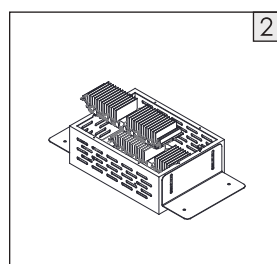


3. Mount the fixture onto the ceiling with four screws. (recommend M4 screws)

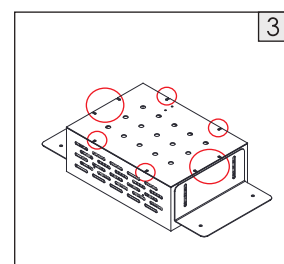
### Maintenance



1. Undo the eight M3 screws to open the cover.



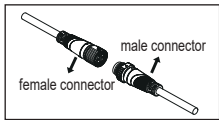
2. Disconnect the module from the cable connector. Undo the M4 screws on ends of the module. Replace with a new module and tighten up.



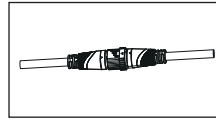
3. Install the cover back and tighten up the screws.

# 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 should be replaced by the manufacturer, its server agent, or someone similarly qualified.

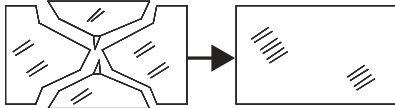
Warning: Danger! Electric shock risk!

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

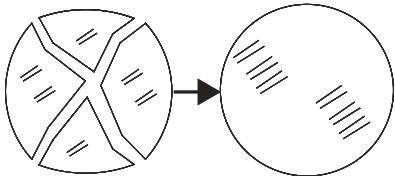


For luminaires with glass cover: The broken cover should be replaced.

Rectangle



Round



## 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. efficient.
2. This luminaire uses type Z attachment: if the external flexible cable or flexible wire is damaged, it should be replaced by the manufacturer or its server agent to avoid danger.
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.