

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 Street Light							
Module Quantity	1		2		4		
Power	60W		120W		240W		
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						
Bolt Torque	17Nm						
Mounting Height	6~15m						
Mounting Spacing	20~45m						
Dimensions	630x330x150mm ^①	550x330x235mm ^②	755x330x150mm ^①	675x330x235mm ^②	880x470x155mm ^①	805x470x240mm ^②	
Net Weight	6.1kg	6.1kg	7.9kg	7.9kg	13.1kg	13.1kg	
Project Area	0.208m ²	0.182m ²	0.250m ²	0.223m ²	0.414m ²	0.379m ²	
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%.

① refers to dimensions of the side-entry-installation version.

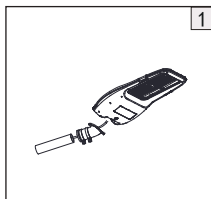
② refers to dimensions of the post-top-installation version.

Applications

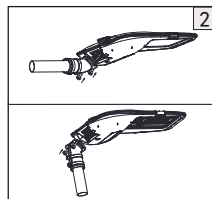
Expressway, highway, avenue, trunk road, sub-trunk road, path, parking lot, factory, schoolyard, garden, park, residential area, courtyard, etc.

Installation and Maintenance

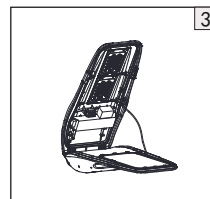
Installation



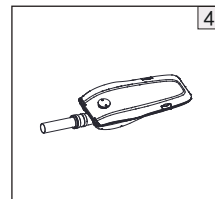
1. Thread the AC input cable through the mounting tube. Install the mounting tube onto the pole arm by tightening up the two screws.



2. Thread the AC input cable through the hole at rear. (side-entry or post-top) Fixate the fixture onto the mounting tube at right elevation angle with four screws.

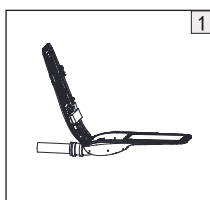


3. Open the side clips. Pick up the support rod on the side and hook it onto the upper cover at a mounting hole. Connect the AC wires to the terminal blocks correctly.

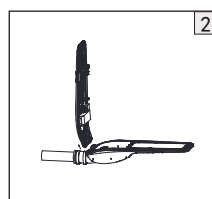


4. Close the cover and tighten up the side clips.

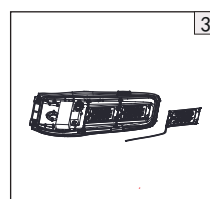
Maintenance



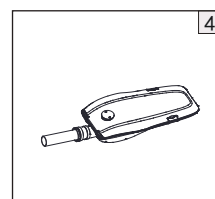
1. Open the side clips and then the upper cover. Unplug and disconnect the wires at the terminals.



2. Lift the upper cover to its perpendicular position to the lower base. Draw out the whole upper part to upper left direction (as the arrowhead points).



3. Disconnect the modules from the driver at the terminals. Undo the M3x6 cross recessed countersunk head screws on modules and M4x10 cross recessed pan head screws on cable clip. Replace with new modules.

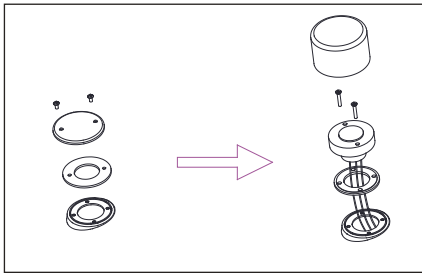


4. Install every components back, and tighten up the side clips in the end.

Notes: Maintenance for post-top installation is the same as side-entry installation. Instructions above represent both ways.

Installation Instructions

Installation of NEMA Receptacle and Photocell



1. Undo the two screws to remove the round cover and its white sealing washer.
2. Thread the wires of the receptacle through the black sealing washer into the electrical compartment of luminaire. Keep the screw holes in alignment among the receptacle, sealing ring and luminaire, and fixate the receptacle with two M4x25 cross recessed countersunk head screws.
3. Plug in and fasten the photocell. Connect the wires in the electrical compartment.

Wiring

Power Supply End	Neutral wire	Live wire
Fixture End	Blue lead	Brown lead
	Black lead	Red 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°C~100°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.

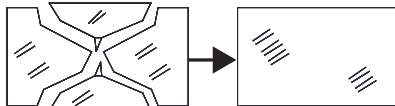
Warning: Danger! Electric shock risk!

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

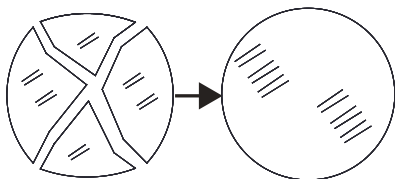


For luminaires with glass cover: The broken cover should be replaced.

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 Y attachment: method of attachment of the cable or cord such that any replacement can only be made by the manufacturer, his service agent or similarly qualified person.
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.