

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 Flood Light		
Module Quantity	2	4	6	
Power	Max 500W	Max 1000W	Max 1500W	
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~+40°C, 10%~90%RH			
Bolt Torque	114Nm			
Mounting Height	0~35m			
Dimensions	600x420x300mm	600x705x325mm	600x970x410mm	
Net Weight1	19.0kg	25.0kg	32.0kg	
Net Weight2	23.0kg	35.3kg	46.0kg	
Project Area	0.252m ²	0.423m ²	0.582m ²	
Degree of Protection	IP67			

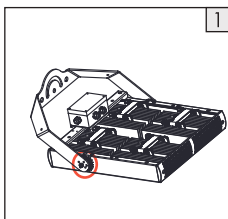
Notes: The net weights above are typical values. Net Weight 1 refers to the main body of fixture; Net Weight 2 refers to the whole fixture including the driver(s), cable of 3m and junction boxes, Other lengths of 3m extension line are optional, and the weight needs to be recalculated.

Applications

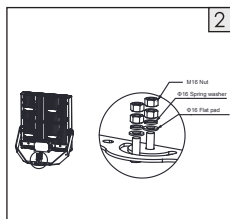
Applications: football field, golf course and other sports facilities; airport, crossroad and other traffic arteries.

Installation and Maintenance

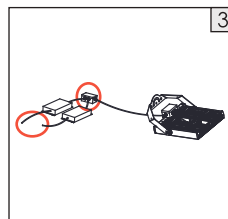
Installation



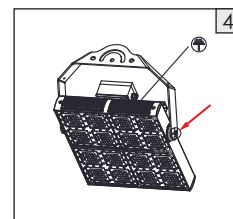
1. Mount the luminaire. Fixate the bracket onto the mounting surface with screws.



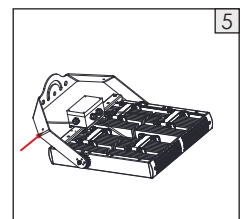
2. Mount the fixture with M16 nuts. (suggest two nuts for one screw)



3. Connect the driver output wires and luminaire input wires inside the junction box. Connect the driver with AC input correctly.

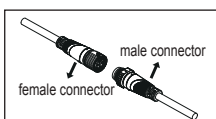


4. Adjust the fixture to a proper lighting direction. Then fasten the M12 screws for the bracket. If any non-SELV driver is applied, please install a ground wire at where there is a grounding mark.

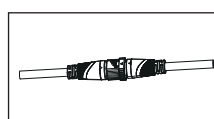


5. Install the anti-falling rope through its mounting hole on the bracket.

Cable Connectors



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



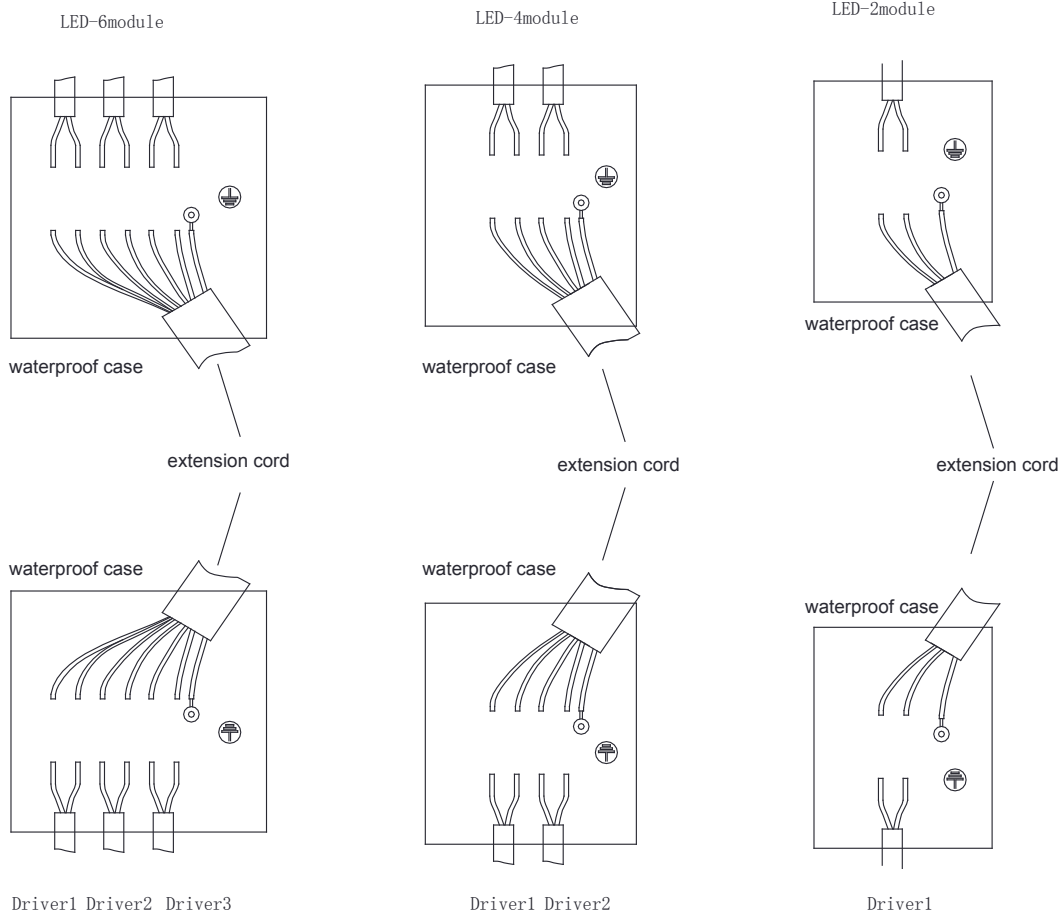
2. Hold the nut on one terminal still, meanwhile, rotating clockwise till the one on the other terminals is tightened up. Otherwise the waterproof performance might be affected.

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

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Extension cord



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°C~100°C; maximum temperature rise $\Delta t60^{\circ}\text{C}$.
- 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!

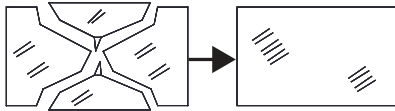
(via IEC 60417-6042 (2011-11))



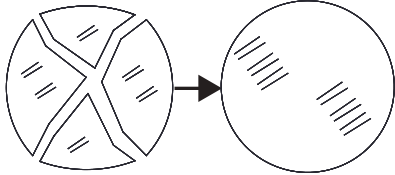
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For luminaires with glass cover: The broken cover should be replaced.

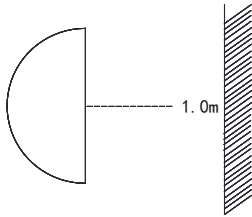
Rectangle



Round



Minimum distance from the light source to the illuminated object: 1.0m.



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.
5. The type of insulation between LV power supply and conductor control are listed as follows. The insulation maintenance can also rely on other external components (product) that connected to the same control bus. It is the responsibility of the control system designer, but not the luminaire manufacturer.
 - FELV control signal and LV power supply: basic insulation.
 - SELV control signal and LV power supply: reinforced insulation or double insulation.