

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

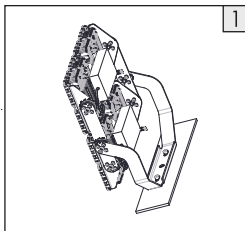
LED Flood Light					
Module Quantity	2		4		6
Power	500W		1000W		1500W
Input Voltage	<input type="checkbox"/> 100~240V <input type="checkbox"/> 100~277V <input type="checkbox"/> 220~240V <input type="checkbox"/> 120~277V <input type="checkbox"/> 277~480V <input type="checkbox"/> Other____				Frequency 50/60Hz
Power Factor	0.95				
Working Environment	-40°C~+35°C, 10%~90%RH				
Bolt Torque	29Nm				
Mounting Height	0~35m				
Dimensions	335x600x220mm		615x545x220mm		900x600x220mm
Net Weight1	9.6kg		19.3kg		29.7kg
Net Weight2	13.0kg		26.1kg		39.9kg
Project Area	0.201m ²		0.336m ²		0.540m 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: N.W. above are typical values. N.W.1 is net weight of luminaire without LED driver. N.W.2 is net weight of luminaire with LED driver.

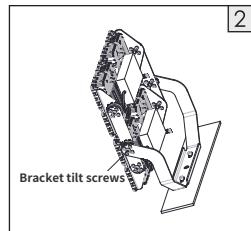
Applications

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

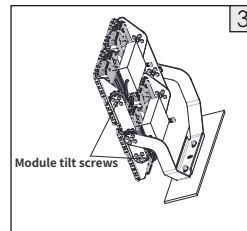
Installation



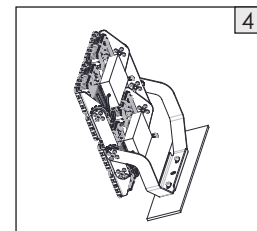
1. Power off. Mount the fixture with screws secured on the bracket.



2. Loosen the screws on the sides of bracket to tilt at a proper direction, then fasten up the screws.



3. Loosen the screws on the sides of LED modules to tilt at a proper direction, then fasten up the screws.



4. Connect input wires to AC power supply correctly. Keep the wiring in a waterproof space.

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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Caution

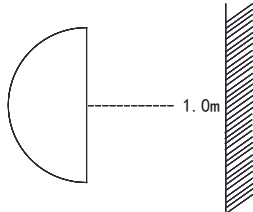
- a** Disconnect or turn off power before installation, maintenance and wiring.
- b** Cable connection must be insulated and waterproof.
- c** The light source of this luminaire is not replaceable. When the light source's lifetime comes to an end, it is the whole luminaire that should be replaced.

Warning: Danger! Electric shock risk!

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



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.