

Installation Instructions

LED Flood light

Descriptions

The lamp contains 1 (or 2) constant-current driver(s) and LED light sources; it works under the technical conditions as marked on the driver(s). Both the driver and light source are of modular design, which makes it convenient for installation and maintenance.

Technical Parameters

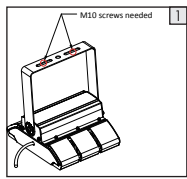
Flood light Series										
Module Quantity	1		2		3		4		5	
Input Voltage	<input type="checkbox"/> 100~240V	<input type="checkbox"/> 100~277V	<input type="checkbox"/> 200~240V	<input type="checkbox"/> 200~277V	<input type="checkbox"/> 277~488V	<input type="checkbox"/> Other_____	Hz	50/60Hz		
Power Efficiency	88%		≥91%							
Power Factor	0.95									
Working Environment	-40℃~-+50℃, 10%~90%RH									
Dimensions (mm)	122x300×333mm		234x300×325mm		274x300×325mm		354x300×325mm		434x300×325mm	
Net Weight (kg)	2.01kg		3.50kg		4.30kg		5.17kg		6.10kg	
IP Rating	· LED MODULE IP68 POWER SUPPLY IP67									

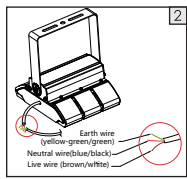
Applications

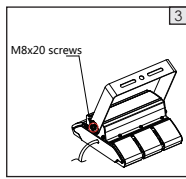
Architecture contours, historical buildings, landscape, billboards, medical and cultural facilities, recreational areas, etc.

Installation and Maintenance

Installation

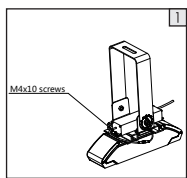
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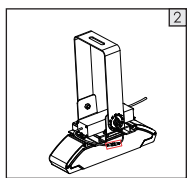
1. Fix the bracket on the mounting surface with two M10 screws.
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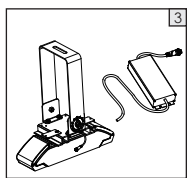
2. Connect the wires to the AC input (make sure it grounded sufficiently).
Earth wire (yellow-green)
Neutral wire (blue/black)
Live wire (brown/white)
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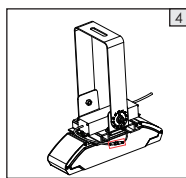
3. Loosen the M8 screws and adjust the mounting angle of the bracket, then tighten the M8x20 screws.

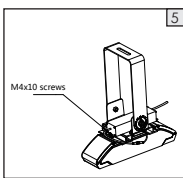
Driver Maintenance

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1. Loosen the screws at the ends of the driver.
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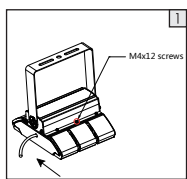
2. Loosen the connector between the driver and the female waterproof connectors.
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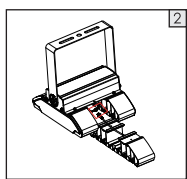
3. Take out the failed driver.
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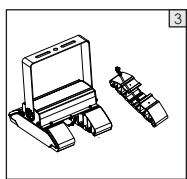
4. Replace with a new driver and tighten up the connector to the female connectors.
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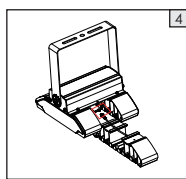
5. Tighten up the screws on the ends of the driver.

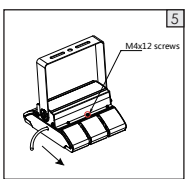
Module Maintenance

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1. Loosen the two M4x12 screws, and slide the module out in the direction of the arrow.
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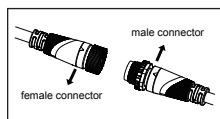
2. Disconnect the module from the female waterproof connectors.
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3. Take out the failed module.
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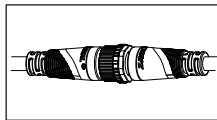
4. Replace the module with a new one, and tighten up the waterproof connector.
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5. Slide the module in the direction of the arrow, fix it into the groove of main beam, and tighten up the two M4x12 screws.

The connection of waterproof 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.

Connect fixture wires to appropriate voltage supply wires using proper sized connectors:

- Supply side earth wire to green fixture lead, supply side neutral wire to white fixture lead, supply side live wire to black fixture lead.
- Supply side earth wire to dual-yellow-green fixture lead, supply side neutral wire to blue fixture lead, supply side live wire to brown fixture lead.



WARNING

- ✓ Disconnect or turn off power before installation, maintenance or service.
- ✓ Allow lamp/fixture to cool before handling.
- ✓ Do not touch enclosure or light source.
- ✓ Make sure the two waterproof connectors are tightened up to avoid water entry.
- ✓ Verify that supply voltage is correct by comparing it with the luminaire label information.
- ✓ Power supply connections should be insulated and waterproof.



CAUTION

- ✓ Keep combustible and other materials that can burn, away from lamp/lens.
- ✓ Do not operate in close proximity to persons, combustible materials or substances affected by heat or dying.
- ✓ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- ✓ Avoid direct eye exposure to the light source when it is on.

Failure to follow any of these instructions could void product warranties.