

Installation Instructions

LED Street Lights

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

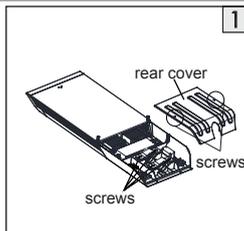
T9A Series							
Module Quantity	1	2	3	4	5	6	7
Input Voltage	100~277V AC 50/60Hz						
Power Efficiency	≥91%						
Power Factor	0.96						
Working Environment	-40℃~+50℃, 10%~90%RH						
Dimensions (mm)	566x386x90	646x386x90	726x386x90	806x386x90	886x386x90	1064x386x90	1144x386x90
Net Weight	7.7	8.9	10.1	11.3	12.5	15.5	16.7
IP Rating	LED MODULE IP68, POWER SUPPLY IP67						

Applications

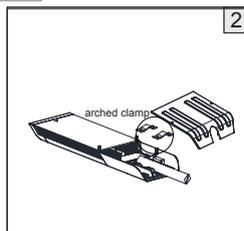
Expressways, highways, avenues, trunk roads, sub-trunk roads, paths, workshops, parks, schools, residential areas, courtyards, etc.

Installation and Maintenance

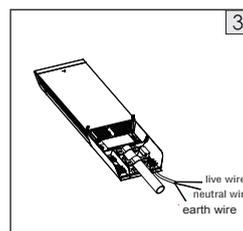
Installation



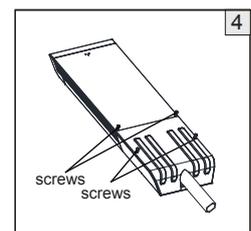
1. Loosen the 2 screws at the rear cover, then remove the rear cover.



2. Loosen the 4 screws on the 2 arched clamps, insert and fix the cross arm under the 2 arched clamps, and then tighten the 4 screws.

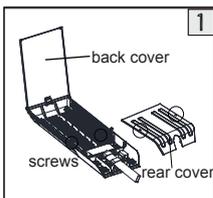


3. Connect the wires to the AC wires. (The earth wire should be reliable and linked to the ground).

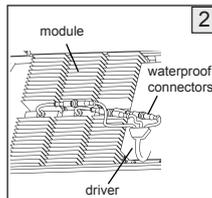


4. Fix the rear cover back to the lamp and tighten the 2 screws on it.

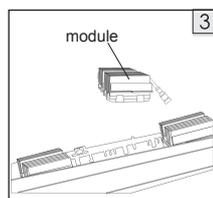
Maintenance



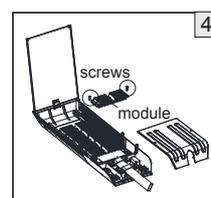
1. Loosen the 2 screws on the back cover and the 2 on the rear cover, then open the covers.



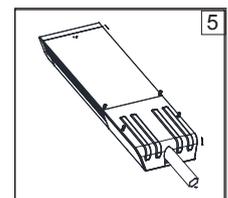
2. Disconnect the screws at the both ends of the failed module(s)/ driver(s). Unscrew the waterproof connectors.



3. Loosen the screws at both ends of the failed module(s)/ driver(s).

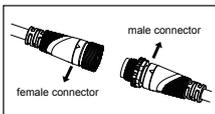


4. Replace the failed module(s)/ driver(s) with qualified one(s), and then tighten the screws at the ends and the waterproof connector.

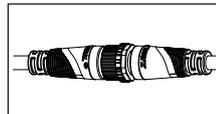


5. Close the covers and tighten up the screws on them.

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.