



Street Light T011A Series



Specifications

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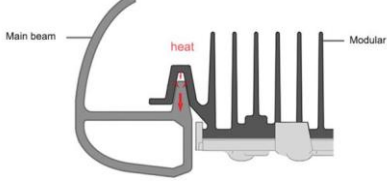
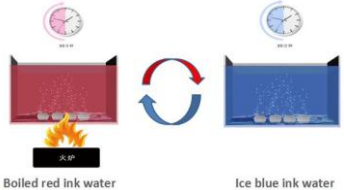



Features

- Flip-chip technology, single unit's damage wont affect other units' normal work;
- IP68 LED Optical Module: highest waterproof rating, screw-free design;
- Modular design, air convection effect, good thermal management system;
- Multiple light distributions available;
- Intelligent constant current driver, long life span;
- Flexible combinations of LED modules, full power range solutions;
- Tool-less access, easy installation and maintenance;
- Die-cast and extruded aluminum housing;
- IES files, LM-79, LM-80 reports and photometrics upon request.

Applications

- Street lighting
- Parking lots
- Roadway lighting
- Path lighting

Advantages

	
<p>Air Convection Effect</p>	<p>Whole-structure Heat Dissipation</p>
	
<p>Double-coupling IP68 Protection</p>	<p>Tool-less Maintenance</p>
	
<p>High-efficacy LED Light Source</p>	<p>Flexible Combinations of Modules</p>



Specifications

Street Light T011A Series

Electrical & Photometric

Model	Input Voltage (v)	Drive Current (mA)	Power (w)	Luminous Efficacy (lm/w)	Lumens (lm)	Power Factor	Power Efficiency	Light Distributions	LED Brand	CCT (k)	CRI
T11A-1	AC100-277	700	40	110 ± 5	4400±200	0.95	91%	T1S1513 T1S3100 T3M3910 T2M3702 T3M2701 T4M5703 T5S3040	Lumileds	3000 4000 5000 5700	>70
		860	50	105 ±5	5250 ±250						
		1050	60	100 ± 5	6000±300						
T11A-2		700	80	110± 5	8800±400						
		860	100	105 ±5	10500±500						
		1050	120	100± 5	12000±600						
T11A-3		700	120	110 ± 5	13200±600						
		860	150	105 ±5	15750±750						
		1050	180	100± 5	18000±900						
T11A-4		700	160	110 ± 5	17600±800						
		860	200	105 ±5	21000 ±1000						
		1050	240	100 ± 5	24000±1200						
T11A-5	700	200	110± 5	22000±1000							
	860	250	105 ±5	26250±1250							
	1050	300	100 ± 5	30000±1500							
T11A-6	700	240	110± 5	26400±1200							
	860	300	105 ±5	31500±1500							
	1050	360	100 ± 5	36000±1800							
T11A-7	700	280	110± 5	30800±1400							
	860	350	105 ±5	36750±1750							

*Surge Protection: 10KV/5KA.

*Input voltage 100-277VAC, 347-480V also available, operating frequency 50-60Hz, THD<20%.

Mechanical & Environmental

Model	Working Environment	Storage Temperature	Lumen Maintenance	Housing Material	Pole Diameter (mm)	Product Dimensions (mm)	Carton Size (mm)	N.W (kg)	G.W (kg)
T11A-1	-40°C~+50°C, 10%~90%RH.	-40°C~+50°C	>50,000	Aluminum Alloy	55-65	595*330*91	690*430*170	6.5	7.8
T11A-2						645*330*91	740*430*170	8.0	9.3
T11A-3						725*330*91	820*430*170	9.0	10.4
T11A-4						805*330*91	900*430*170	10.5	12
T11A-5						885*330*91	980*430*170	11.5	13.1
						985*33*91	1080*430*170	12.0	13.6
T11A-6						1065*330*91	1160*430*170	13.0	14.7
T11A-7						1145*330*91	1240*430*170	15.0	16.8

*IP68 LED Optical Module.

Warranty 5-year limited warranty is standard on luminaire and components

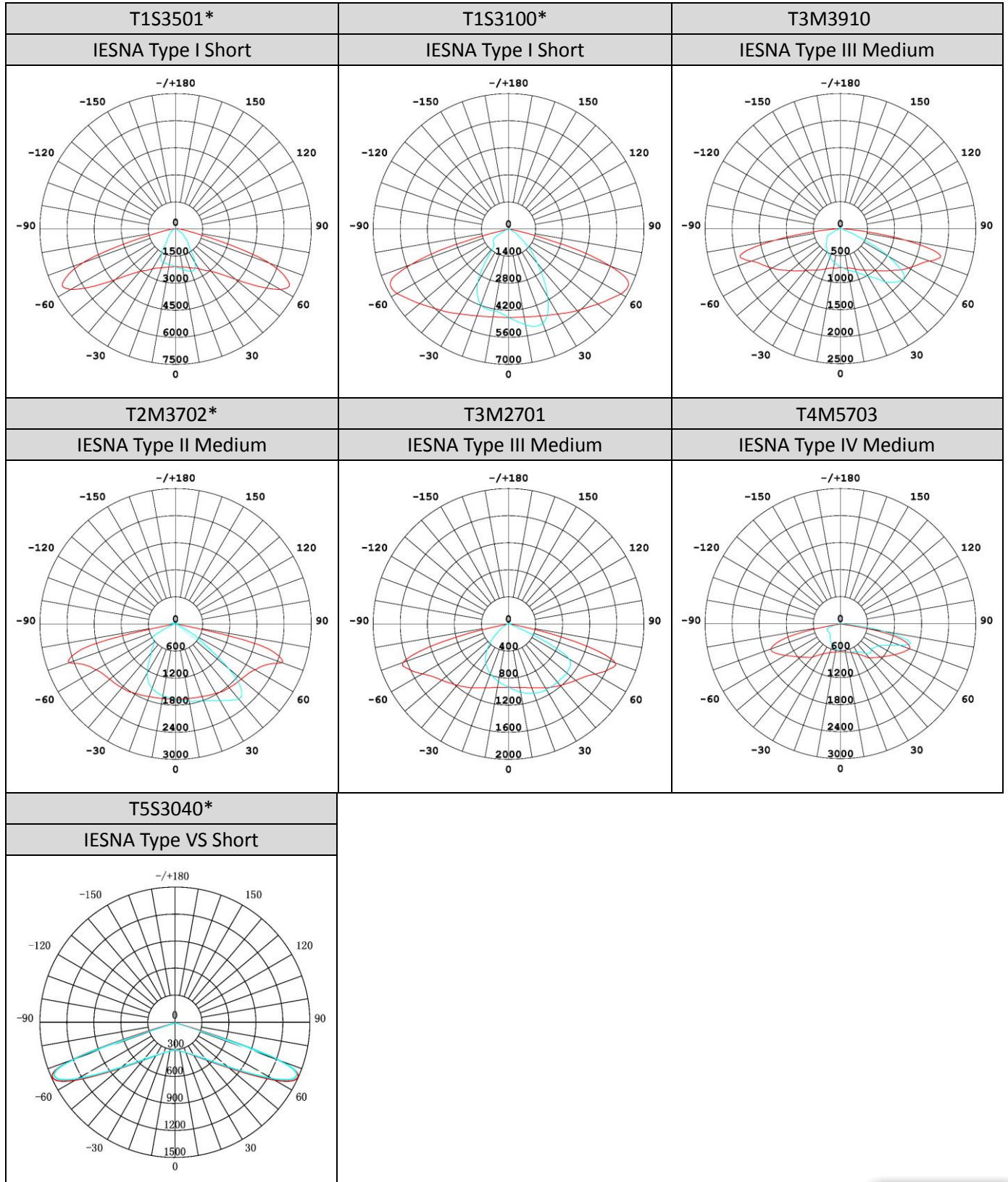


Specifications

Street Light T011A Series

Light Distributions

★M1A LED module



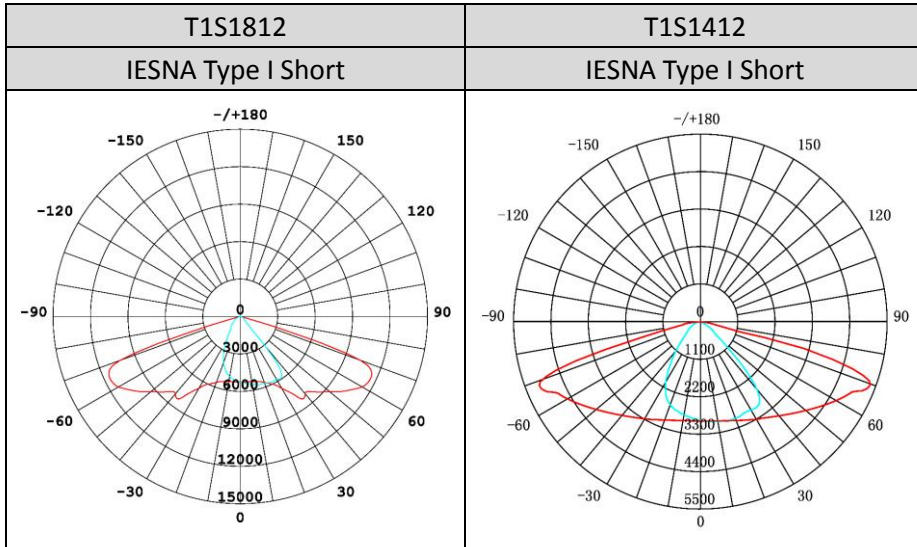
The Lenses marked * are available for both Luxeon T and ZES LED chip.



Specifications

Street Light T011A Series

Light Distributions

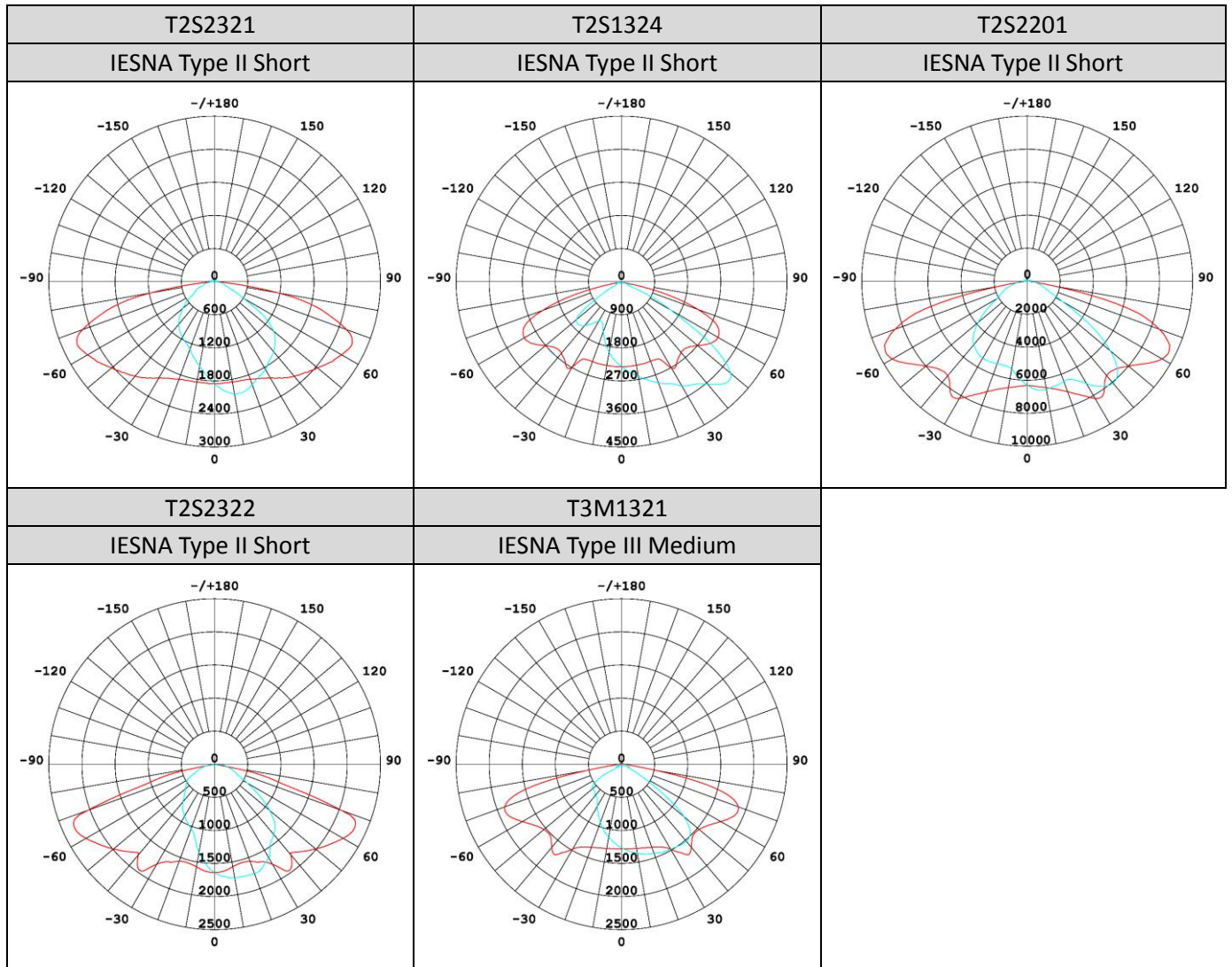


Specifications

Street Light T011A Series

Light Distributions

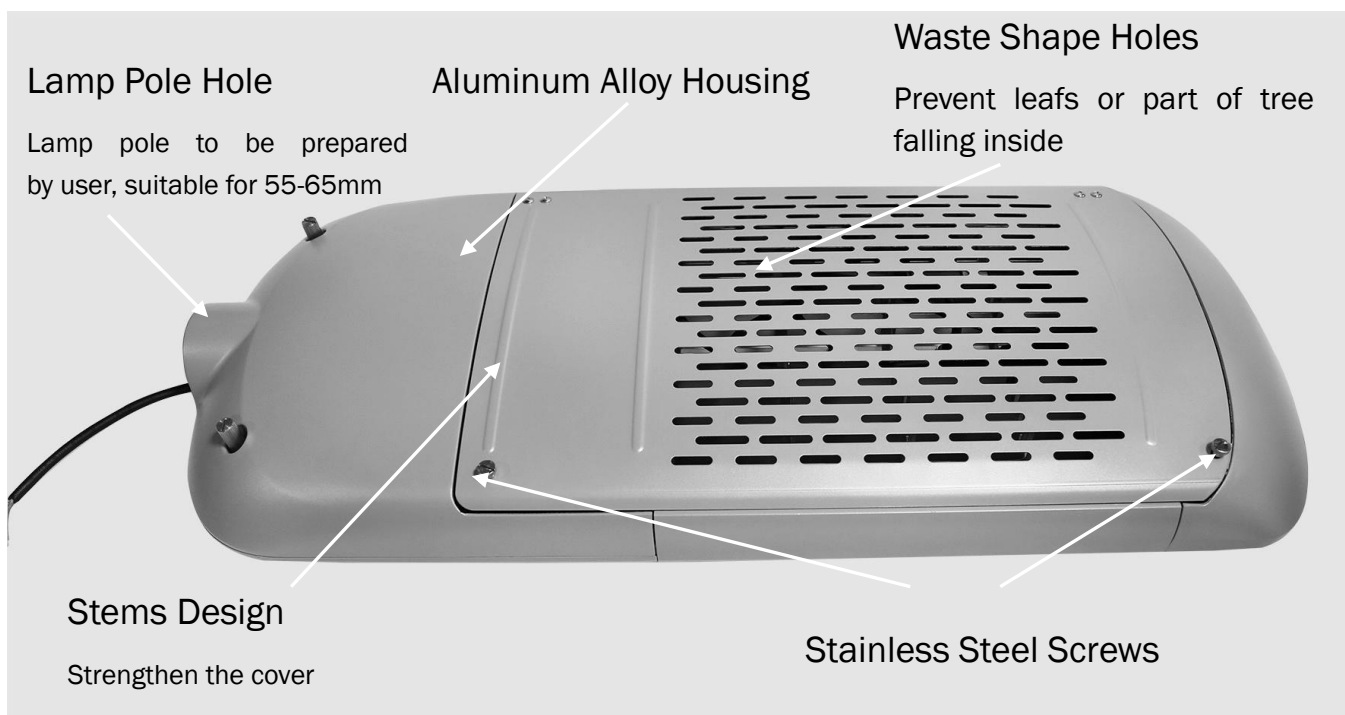
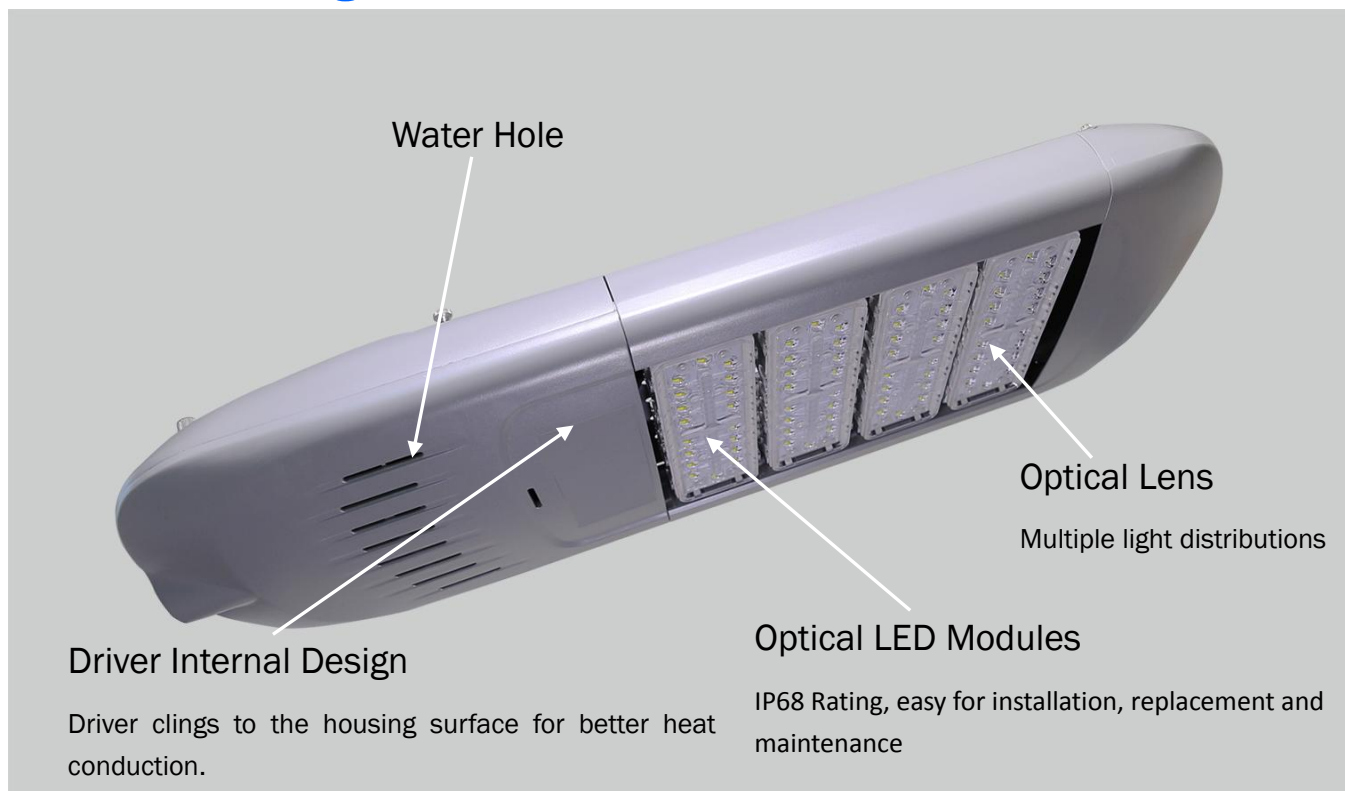
★M8B LED module



Specifications

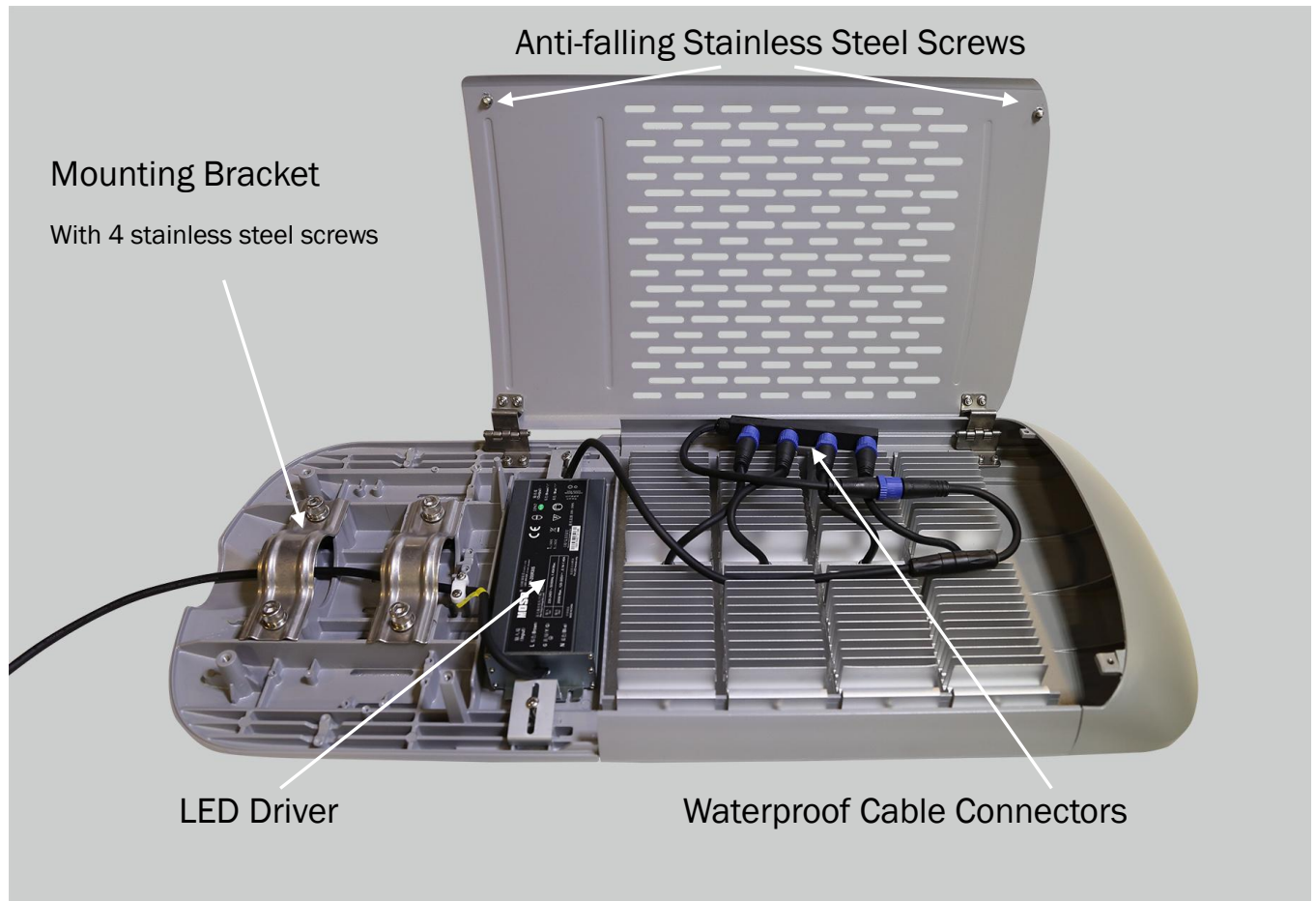
Street Light T011A Series

External Design Features



Specifications
Street Light T011A Series

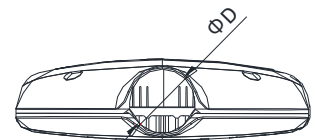
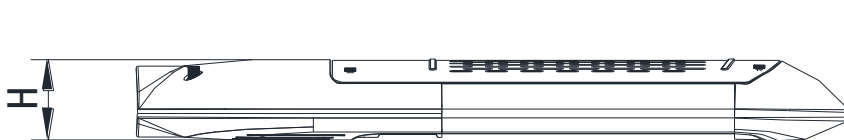
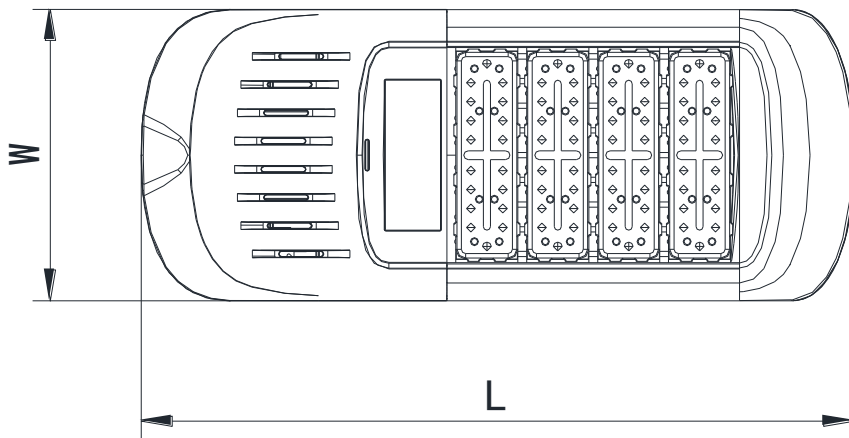
Internal Design Features



Specifications

Street Light T011A Series

Dimensions



	-1	-2	-3	-4	-5	-6	-7
L	595mm (23.42")	645mm (25.39")	725mm (28.54")	805mm (31.69")	885mm (34.84")	1065mm (41.92")	1145mm (45.07")
W	330mm (12.99")						
H	91mm (3.58")						
D	φ58-φ63mm (2.28"-2.48")						

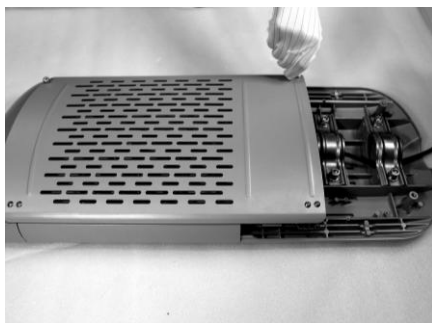
Specifications

Street Light T011A Series

Installation



1. Unscrew the M6 hand screws and remove the end cover.



2. Unscrew the M5 hand screws and open the revolvable cover.



3. Loosen the M4 screws on the cable clip and draw out the cable.



4. Loosen the M10x35 socket cap screws on the tube straps.



5. Draw the pole under the tube straps. Then tighten up the screws on them.



6. Fix the AC input cable under the cable clip and tighten up the screws.



7. Connect the ground, neutral and live wires to the AC input (make sure it sufficiently grounded).



8. Close the main cover and tighten up the screws on it.



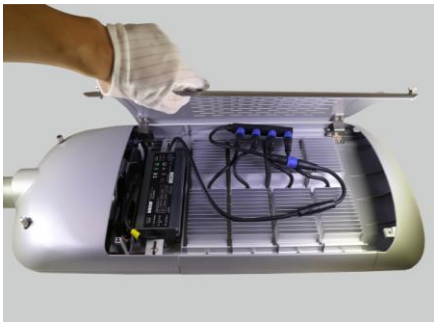




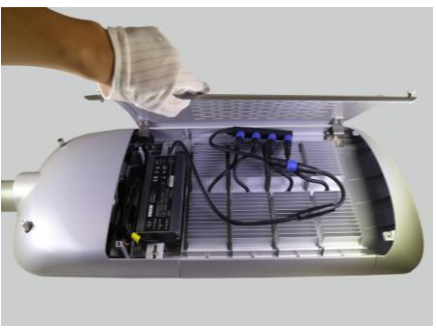
9. Fix the end cover back and tighten up the screws on it.

Specifications

Street Light T011 A Series

Maintenance

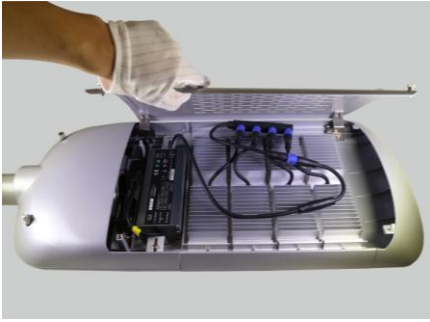





Driver & Electrical Parts

		
<p>1. Unscrew the M5 hand screws and open the main cover.</p>	<p>2. Disconnect the driver from the wires of AC input.</p>	<p>3. Unscrew the waterproof connector for the driver.</p>
		
<p>4. Unscrew the M5X20 screws and remove the fixing accessories on the driver.</p>	<p>5. Replace the failed driver with a new one. Tighten up all the screws and the connector. Re-connect to the wires of AC input.</p>	<p>6. Close the main cover and tighten up the screws on it.</p>

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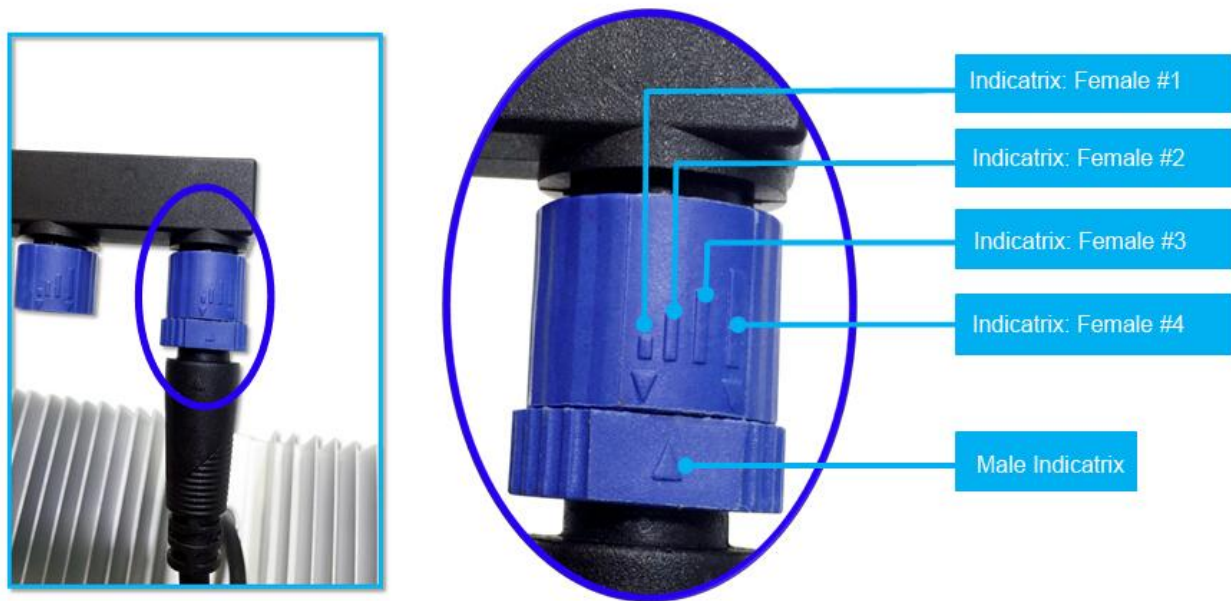
Module

		
<p>1. Unscrew the M5 hand screws and open the main cover.</p>	<p>2. Unscrew the M4X10 screws at the ends of the failed module.</p>	<p>3. Unscrew the male connector from the female connector.</p>
		
<p>4. Replace the failed module with a new one.</p>	<p>5. Align and tighten up the connector, and tighten up the screws.</p>	<p>6. Close the main cover and tighten up the screws on it.</p>

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Street Light T011A Series

Connectors Operation Guide



Spin the male terminal clockwise. When the male indicatrix points between indicatrix female #2 and #3, and the gap between male and female terminals is extremely small, the connectors are well connected; otherwise, there will be risks in its waterproof performance.

When the gap between male and female terminals is extremely small, if any looseness can be sensed, please spin the male terminal clockwise until male indicatrix points between female #3 and #4.