

Specifications

Street Light T11A Series



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HPWINNER

Specifications

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Features

- IP68 LED Optical Module: highest waterproof rating, screw-free design;
- Modular design, air convection effect, good thermal management system;
- Ergonomic light distribution to achieve uniform illuminating effect;
- Intelligent constant current driver, long life span;
- Flexible combinations of LED modules, full power range solutions;
- Die-cast and extruded aluminum housing;

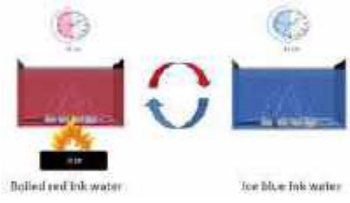
Applications

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

Standard Colors

- White
- Gray
- Black
- Blue

Advantages

	
Air Convection Effect	Whole-structure Heat Dissipation
	
Double-coupling IP68 Protection	Tool-less Maintenance
  Extreme efficacy and best performance with compatibility to LUXEON.T  Hot color targeted 6V QFN package delivering high flux 	
High-efficiency LED Light Source	Flexible Combinations of Modules



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Electrical & Photometric

Model	Input Voltage (V) Frequency Range (Hz)	Drive Current (mA)	Power (w)	Luminous Efficacy (lm/w)	Lumens (lm)	Power Factor	Power Efficiency	Light Distributions	LED Brand	CCT (k)	CRI										
T11A-1	AC100-240 50/60	700	40	110 ± 5	4400±200	0.95	88%	Batwing (Type I II III IV IV)	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	0.95	91%														
		860	100	105 ±5	10500±500																
		1050	120	100± 5	12000±600																
T11A-3		700	120	110 ± 5	13200±600							0.95	91%								
		860	150	105 ±5	15750±750																
		1050	180	100± 5	18000±900																
T11A-4		700	160	110 ± 5	17600±800									0.95	91%						
		860	200	105 ±5	21000 ±1000																
		1050	240	100 ± 5	24000±1200																
T11A-5		700	200	110± 5	22000±1000											0.95	91%				
		860	250	105 ±5	26250±1250																
		1050	300	100 ± 5	30000±1500																
T11A-6		700	240	110± 5	26400±1200													0.95	91%		
		860	300	105 ±5	31500±1500																
		1050	360	100 ± 5	36000±1800																
T11A-7		700	280	110± 5	30800±1400															0.95	91%
		860	350	105 ±5	36750±1750																

*Surge Protection: 10KV.

Working Environment & Packing

Model	Working Environment	Storage Temperat ure	IP Rating	LED Life Span (h)	Housing Material	Pole Diameter (mm)	Product Dimensions (mm)	Carton Size (mm)	N.W (kg)	G.W (kg)
T11A-1	-40℃~+50℃, 10%~90%RH.	-40℃ ~+50℃	LED Module IP68 Power Supply IP67	>50,000	Aluminum Alloy	57-63	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

Warranty

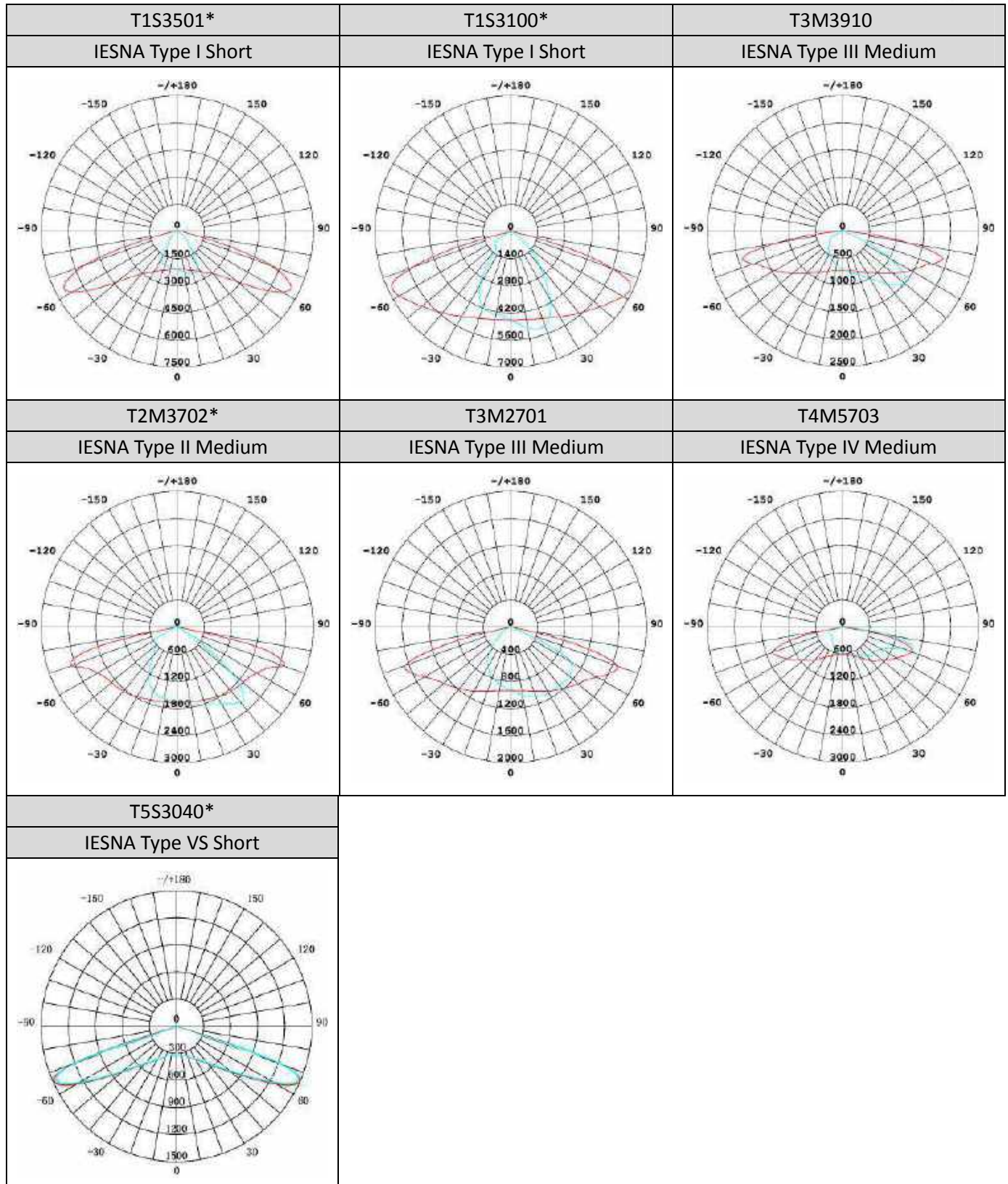
5-year limited warranty is standard on luminaire and components

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Light Distributions

★M1A LED module



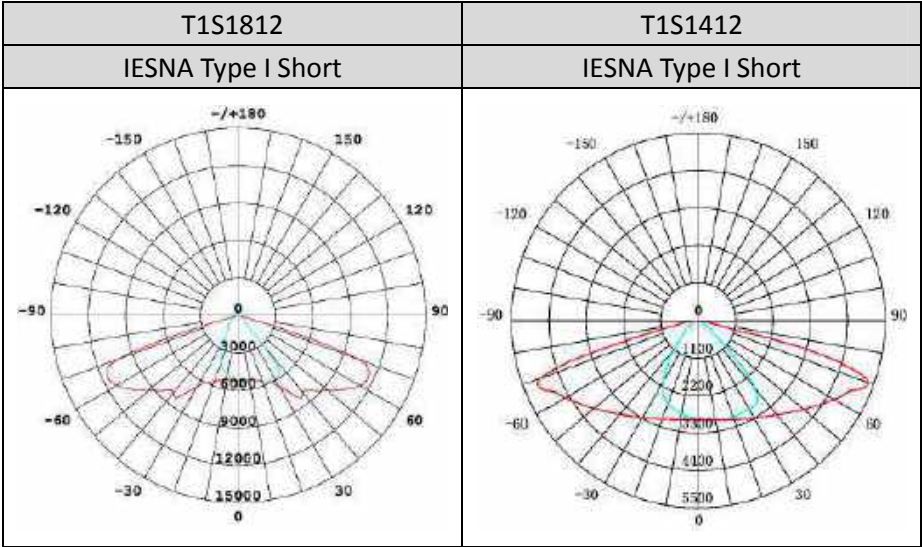
The Lenses marked * are available for both Luxeon T and ZES LED chip.

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Light Distributions

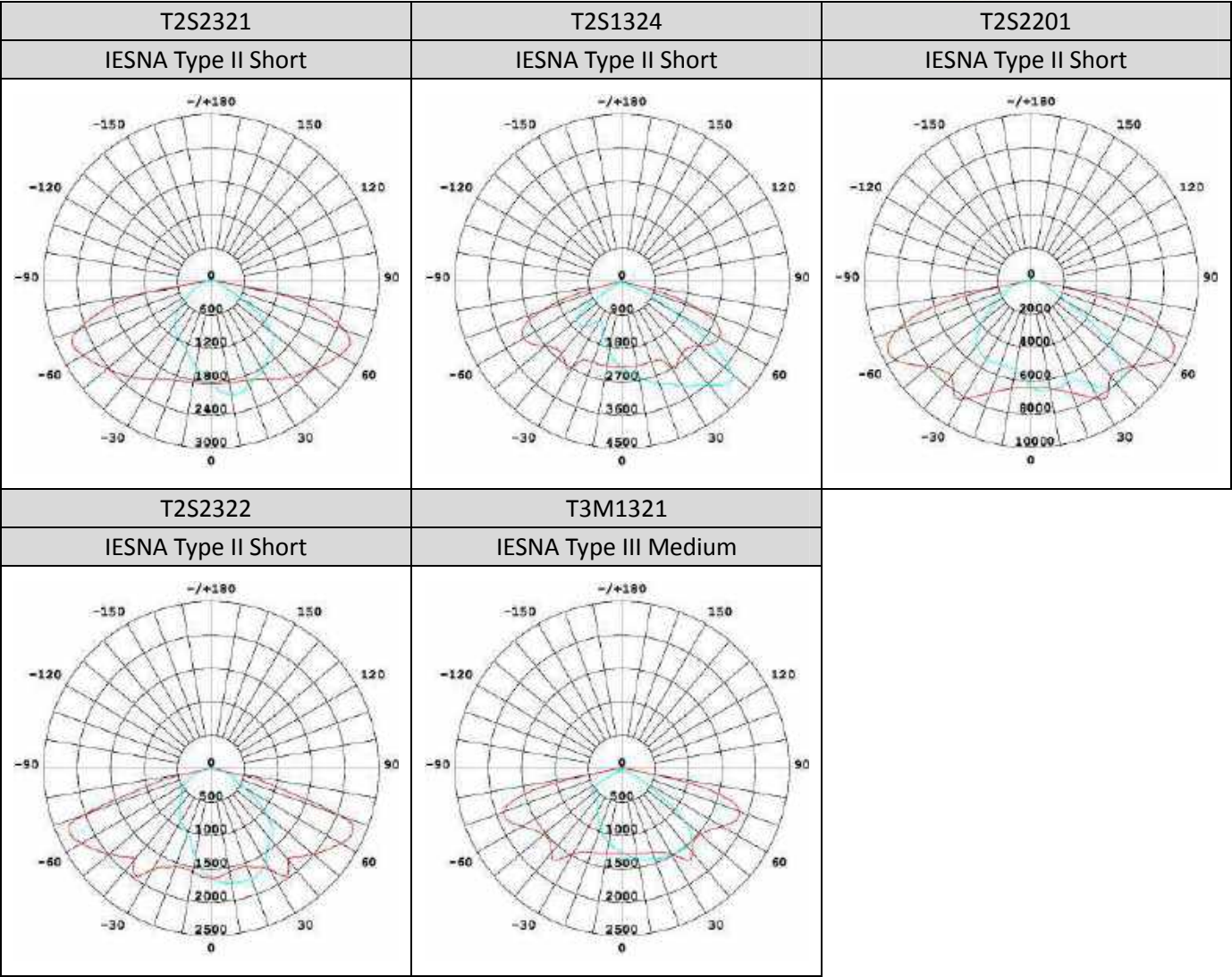
★M2A LED module



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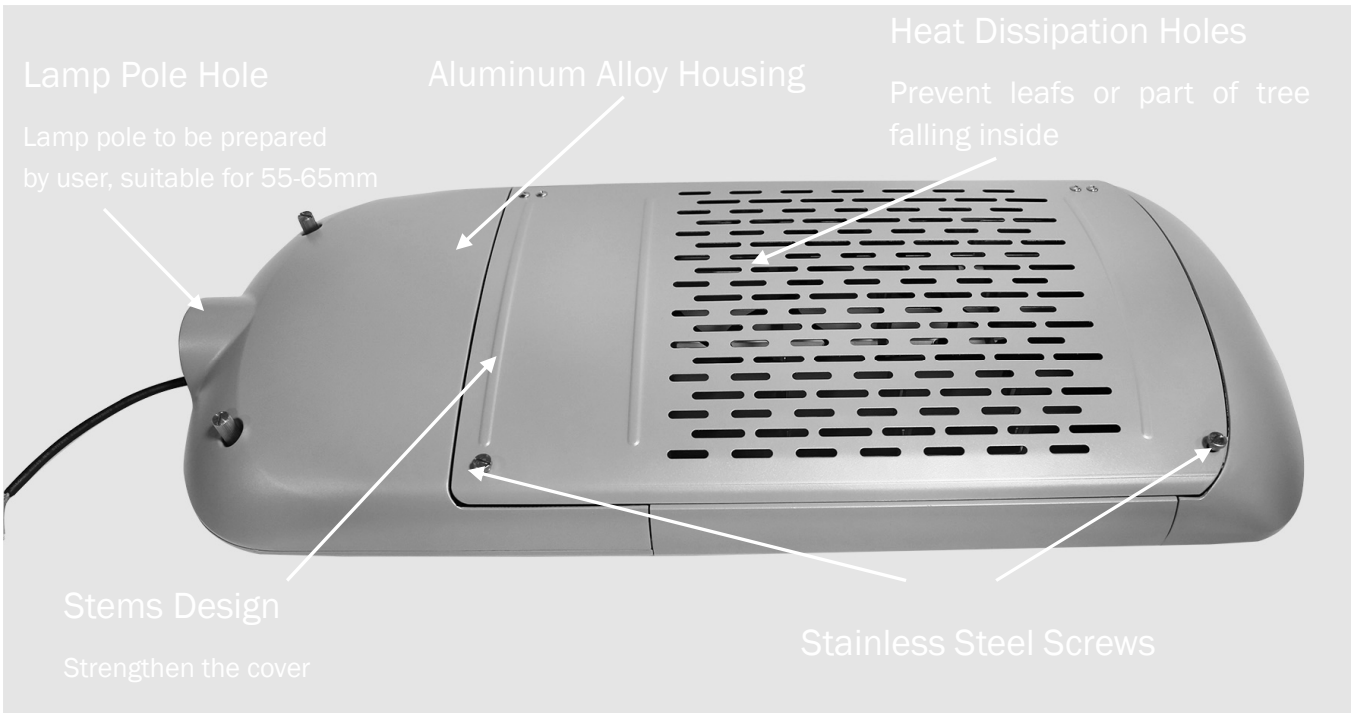
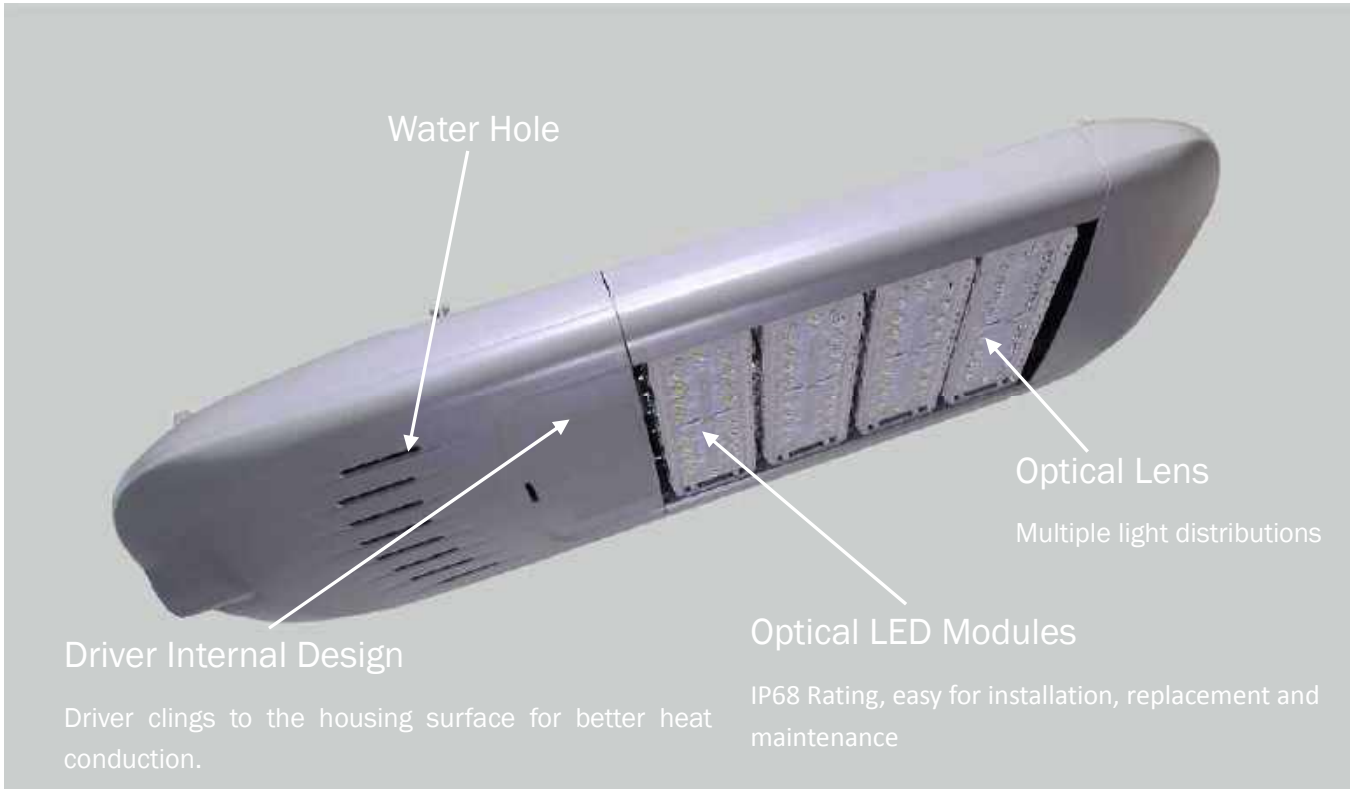
Light Distributions

★M8B LED module



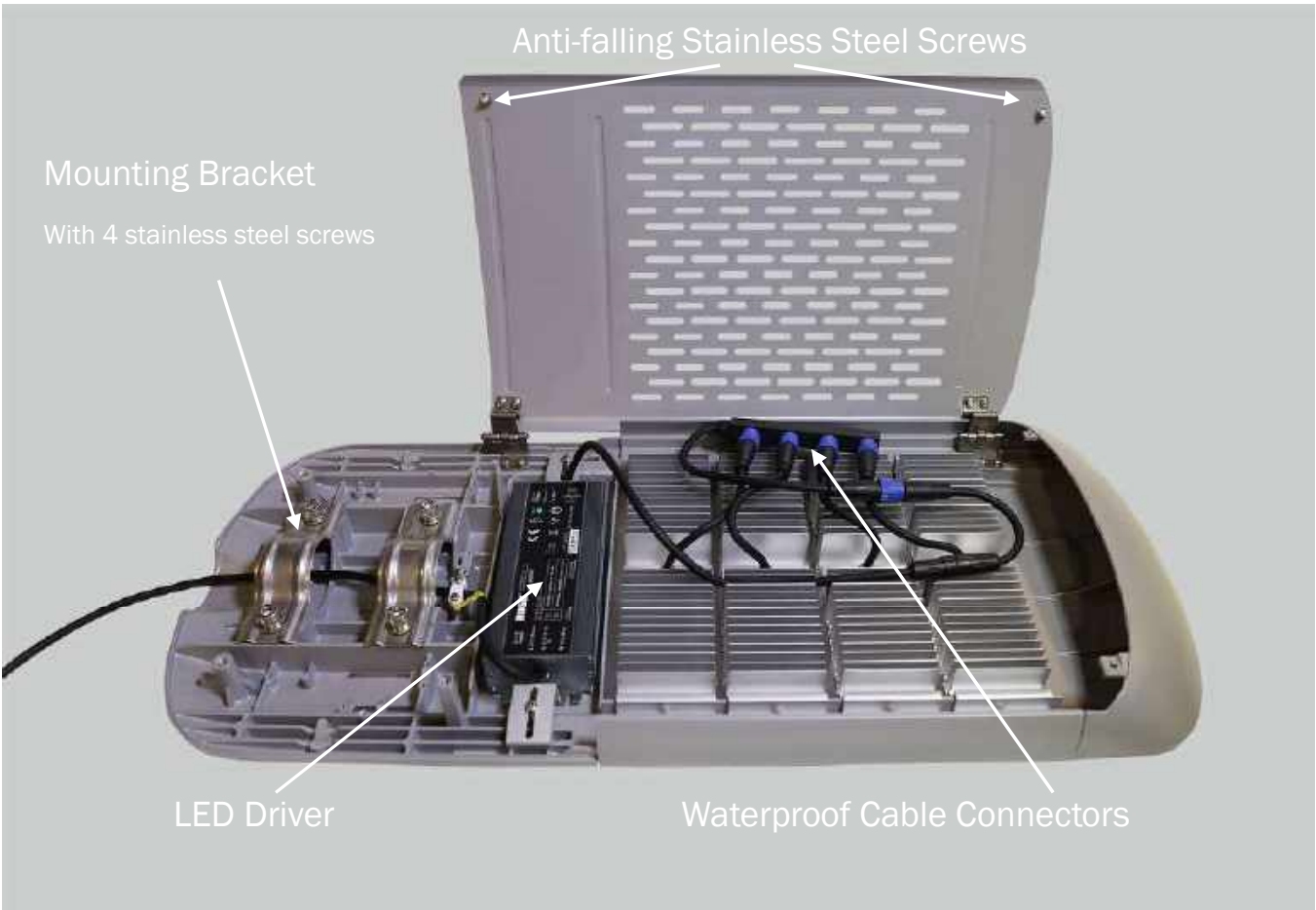
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External Design Features



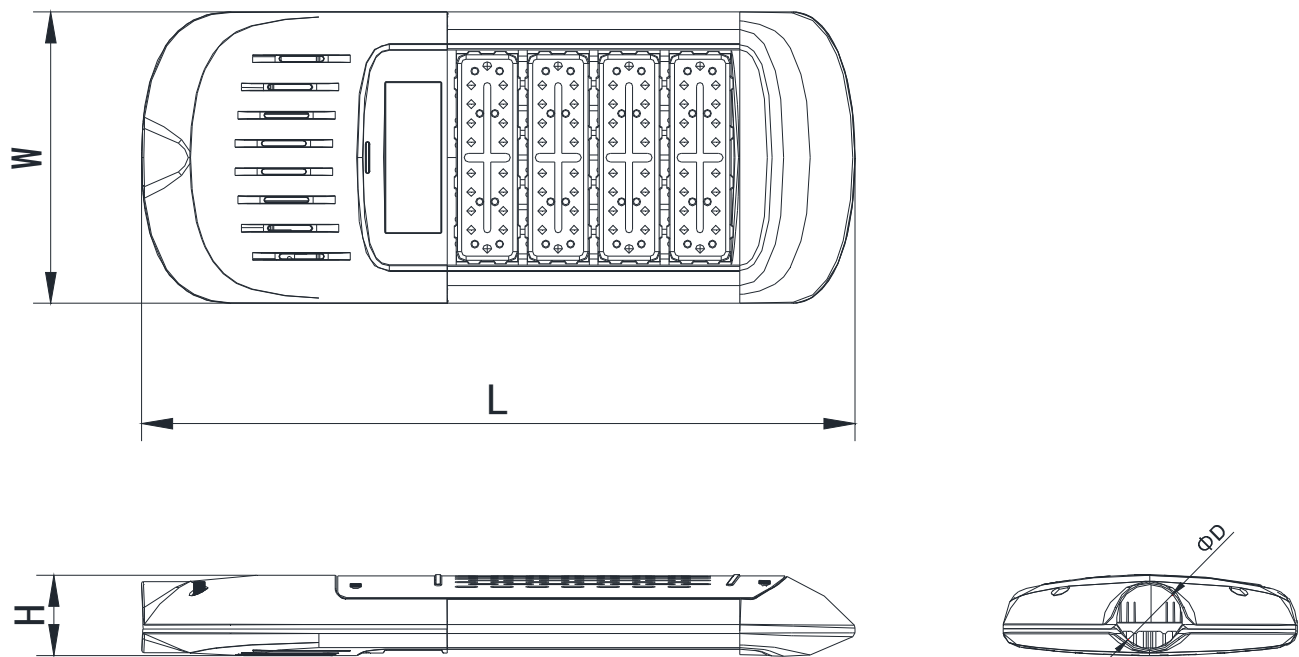
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Internal Design Features



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Dimensions



	-1	-2	-3	-4	-5	-6	-7
L	595mm (1 ft 11 ²⁷ / ₆₄ inch)	645mm (2 ft 1 ²⁵ / ₆₄ inch)	725mm (2 ft 4 ³⁵ / ₆₄ inch)	805mm (2 ft 7 ¹¹ / ₁₆ inch)	885mm (2 ft 10 ²⁷ / ₃₂ inch)	1065mm (3 ft 5 ⁵⁹ / ₆₄ inch)	1145mm (3 ft 9 ⁵ / ₆₄ inch)
W	330mm (1 ft ⁶³ / ₆₄ inch)						
H	91mm (3 ³⁷ / ₆₄ inch)						
D	φ57-φ63mm (φ2 ¹ / ₄ inch – φ2 ³¹ / ₆₄ inch)						

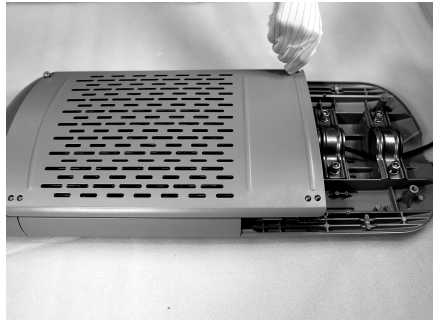
Specifications

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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.

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Maintenance

Driver & Electrical Parts

		
1. Unscrew the M5 hand screws and open the main cover.	2. Disconnect the driver from the wires of AC input.	3. Unscrew the waterproof connector for the driver.
		
4. Unscrew the M5X20 screws and remove the fixing accessories on the driver.	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.	6. Close the main cover and tighten up the screws on it.

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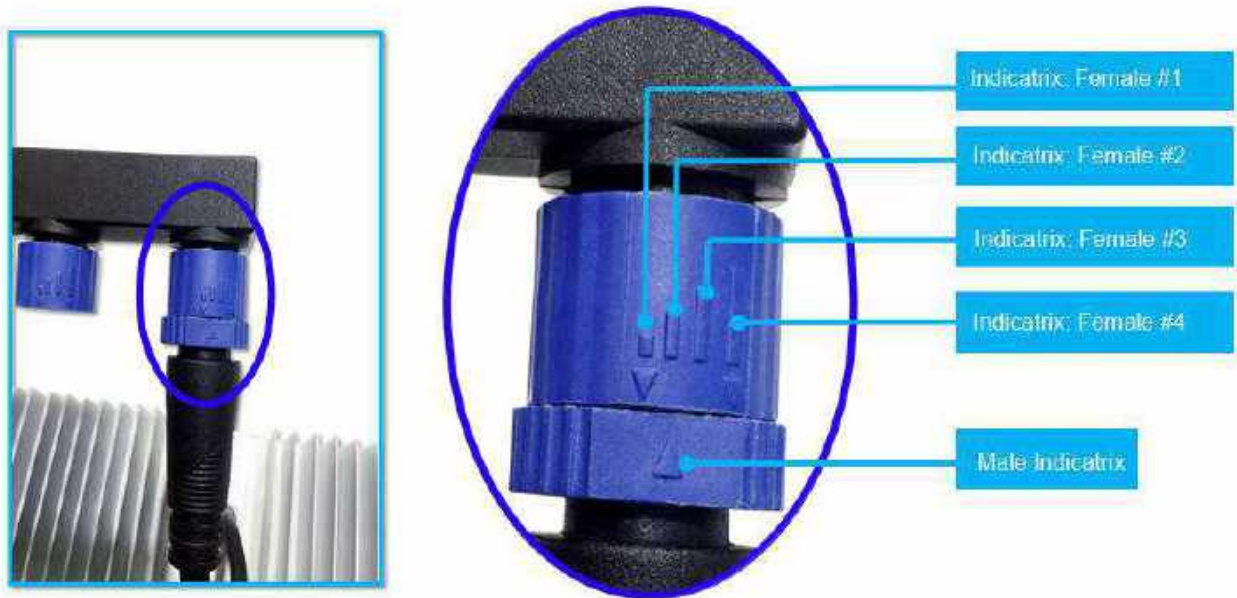
Module

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

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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 tight.

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Ordering Information

Example: T11A 2- 120- BK- M1L- 3501- 7- 40- PH

Ordering Information	T 11A S - 2 - 120 BK - M1 L 3501 - 7 40 - PH															
	1	2	3	4	5	6	7	8	9	10	11	12				
1. Luminary Type	T: Street light			TS: Tunnel light			TF: High bay light			FL: Flood light			GL: Garden light			
2. Luminary Series	11A	1B	1D	1F	2A	2C	3A	3B								
3. Driving Current	Blank/N: ≤700mA				S: >700mA											
4. Module Qty	N: Non-modular luminary				1: 1 module		2: 2 modules		3: 3 modules		4: 4 modules					
5. System Power	10: 10W		20: 20W		30: 30W		40: 40W		50: 50W							
6. Housing Color	BK: Black			WH: White			GY: Grey			SR: Silver			BU: Blue			
	BUWH: Blue top & White base					BUGY: Blue top & Grey base					OTH: Other					
7. Module Series	Blank: Non-modular luminary					M1: M1 module		M2: M2 module		M8: M8 module						
8. LED Brand	L: LUMILEDS			C: CREE		O: OSRAM		N: NICHIA		S: SAMSUNG		OTH: Other				
9. Lens Code	3501	3100	3702	3910	2701	5703	3040	1812	1412							
10. CRI	6: ≥60		7: ≥70		8: ≥80		9: ≥90		OTH: Other							
11. CCT	30: 3000K		40: 4000K		50: 5000K		57: 5700K									
12. Driver Brand	MO: MOSO			MW: MEAN WELL			PH: PHILIPS		IN: INVENTRONICS			AD: ADAYO		OTH: Other		

*Ordering information is for reference only. Some product configurations are not available. Please consult Specifications for specific product availability and for further details.