

Specifications

Street Light T32A Series



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Specifications

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Features

- Modular pluggable technology, easy tool onsite maintenance;
- Honeycomb briquette burning effect and the whole structure cooling technology;
- Double-coupling IP68 protection, highest waterproof level;
- Metal structure, high mechanical strength;
- Ergonomic light distribution to achieve uniform illuminating effect;
- Free modular serialization and full power range solution.

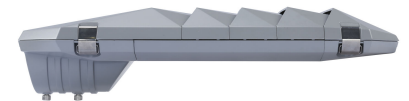
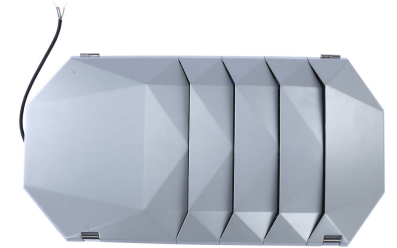
Applications

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

Standard Colors

- White
- Gray
- Black

Advantages



<p>Air Convection Effect</p>	<p>Whole-structure Heat Dissipation</p>
<p>Double-coupling IP68 Protection</p>	<p>Tool-less Maintenance</p>
<p>LUMILEDS LUXEON TX Extreme efficacy and best performance with compatibility to LUXEON T LUXEON 3030 2D Hot color targeted 6V QFN package delivering high flux</p>	
<p>High-efficacy LED Light Source</p>	<p>Flexible Combinations of Modules</p>

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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
								M1A & M2A	M8B			
T32A-1	AC100-240 50/60	700	40	105±5	4200±200	0.95	88%	Batwing (Type I II III IV)	Batwing (Type II III)	Lumileds	3000 4000 5000 5700	≥70
		860	50	100±5	5000±250							
		1050	60	95±5	5700±300							
T32A-2		700	80	110±5	8800±400	0.95	91%					
		860	100	105±5	10500±500							
		1050	120	100±5	12000±600							
T32A-3		700	120	110±5	13200±600	0.95	91%					
		860	150	105±5	15750±750							
		1050	180	100±5	18000±900							
T32A-4		700	160	110±5	17600±800	0.95	91%					
		860	200	105±5	21000±1000							
		1050	240	100±5	24000±1200							
T32A-5	700	200	110±5	22000±1000	0.95	91%						
	860	250	105±5	26250±1250								
	1050	300	100±5	30000±1500								
T32A-6	700	240	110±5	26400±1200	0.95	91%						
	860	300	105±5	31500±1500								
	1050	360	100±5	36000±1800								
T32A-7	700	280	110±5	30800±1400	0.95	91%						
	860	350	105±5	36750±1750								
	1050	420	100 ± 5	42000±2100								

*Surge Protection: 10KV.

Working Environment & Packing

Model	Working Environment	Storage Temperature	IP Rating	LED Life Span (h)	Housing Material	Pole Diameter (mm)	Product Dimensions (mm)	Carton Size (mm)	N.W (kg)	G.W (kg)
T32A-1	-40°C~+50°C, 10%~90%RH.	-40°C~+50°C	LED Module IP68 Power Supply IP67	> 50,000	Aluminum Alloy	37-43 57-63	445*365*165	515*435*235	5.3	6.9
T32A-2							525*365*165	595*435*235	6.3	8.0
T32A-3							605*365*165	675*435*235	7.2	9.0
T32A-4							685*365*165	755*435*235	8.2	10.1
T32A-5							765*365*165	835*435*235	9.2	11.1
T32A-6							845*365*165	915*435*235	11.1	13.2
T32A-7							925*365*165	995*435*235	12.0	14.3

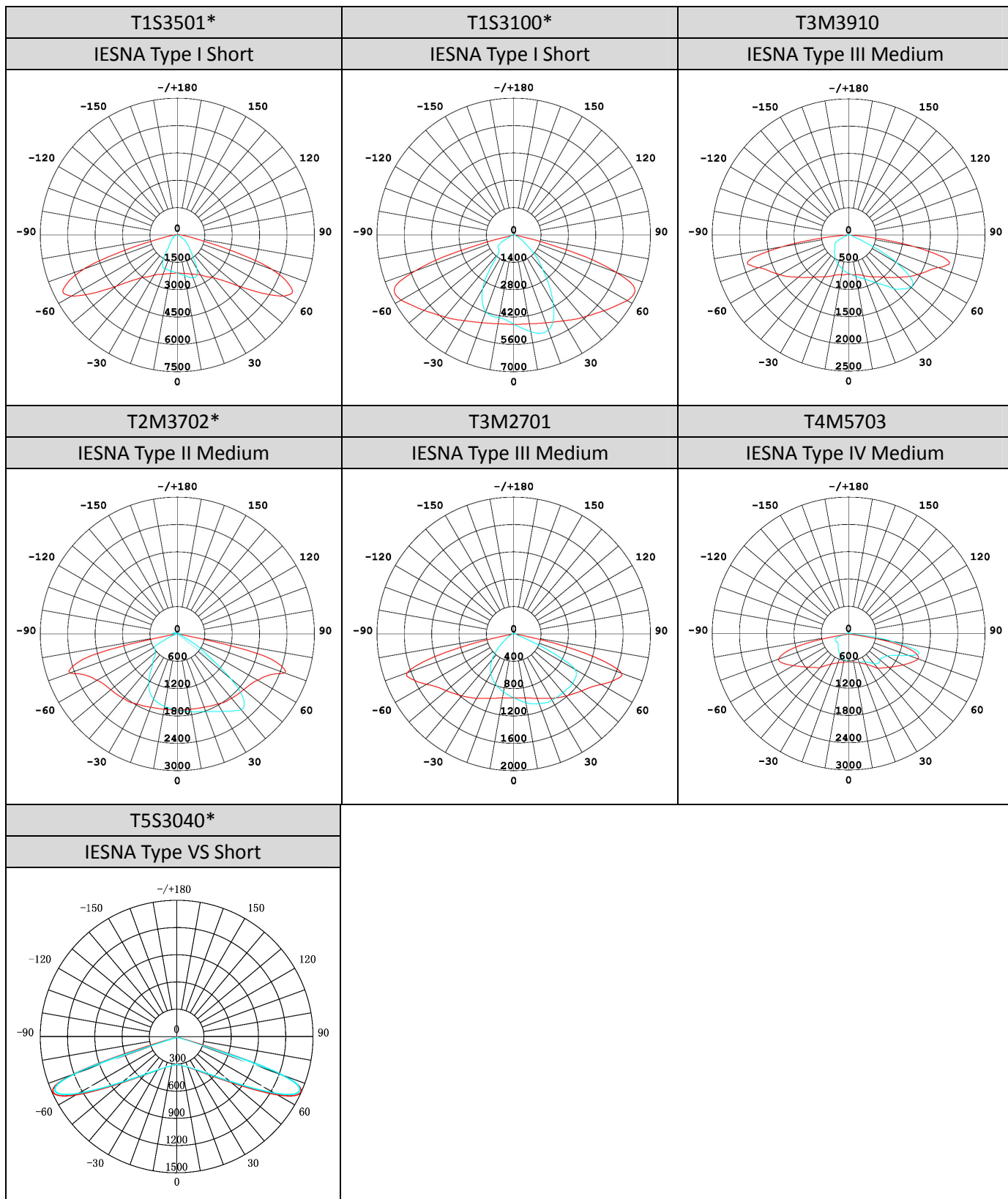
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Light Distributions



★M1A LED module



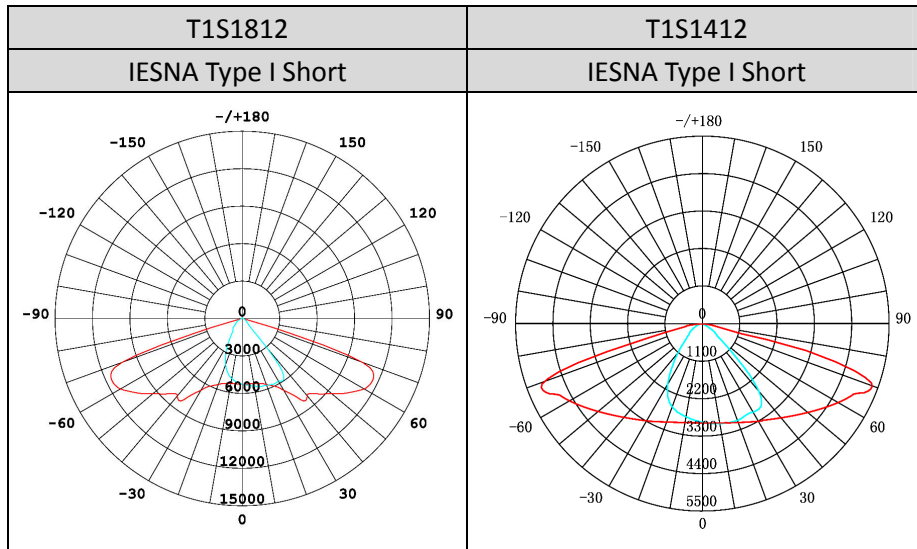
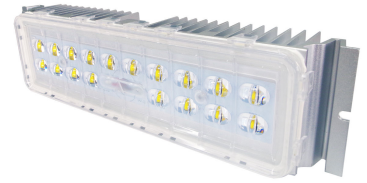
The Lenses marked * are available for both Luxeon T and ZES LED chip.

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Light Distributions

★M2A LED module

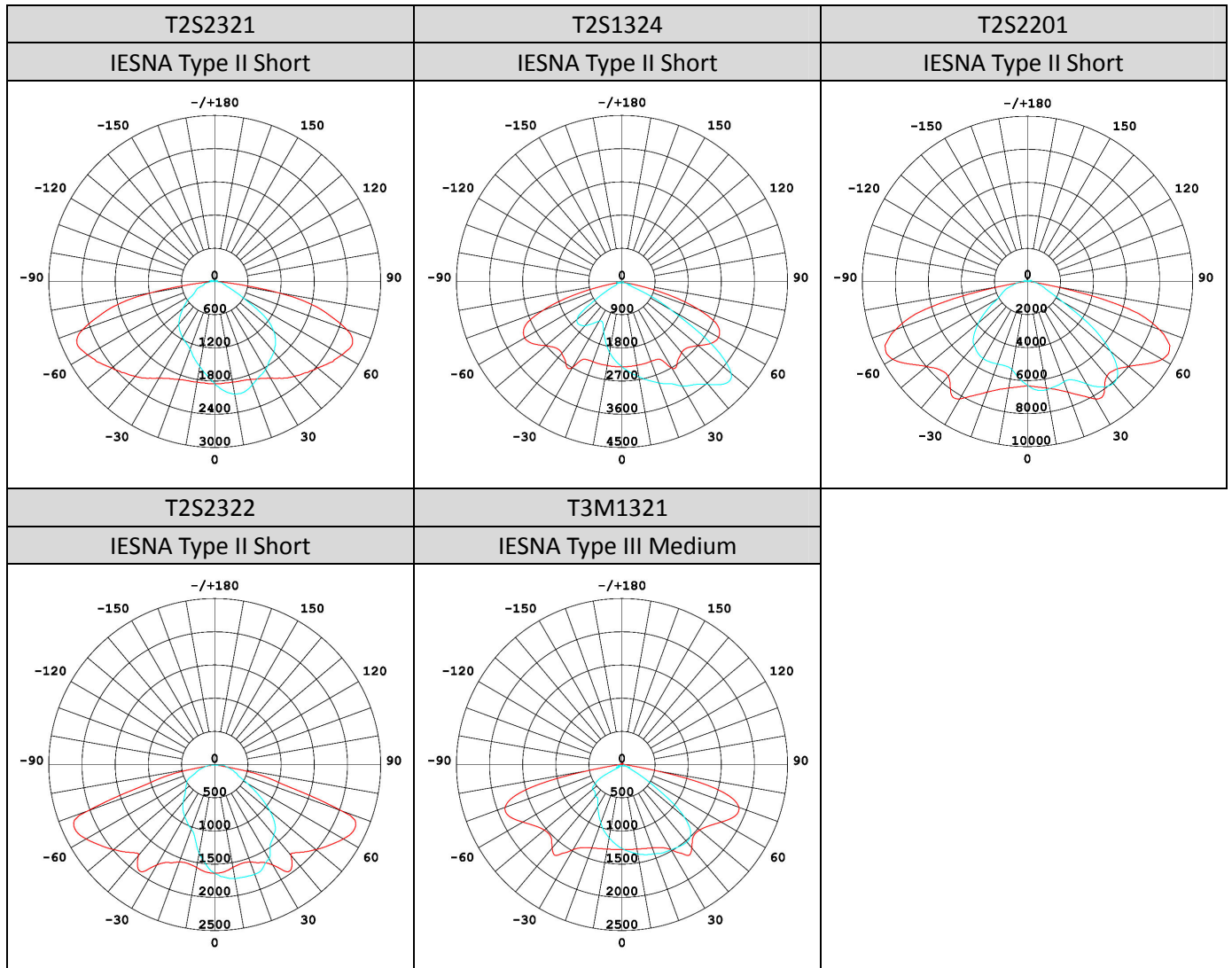


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Light Distributions

★M8B LED module



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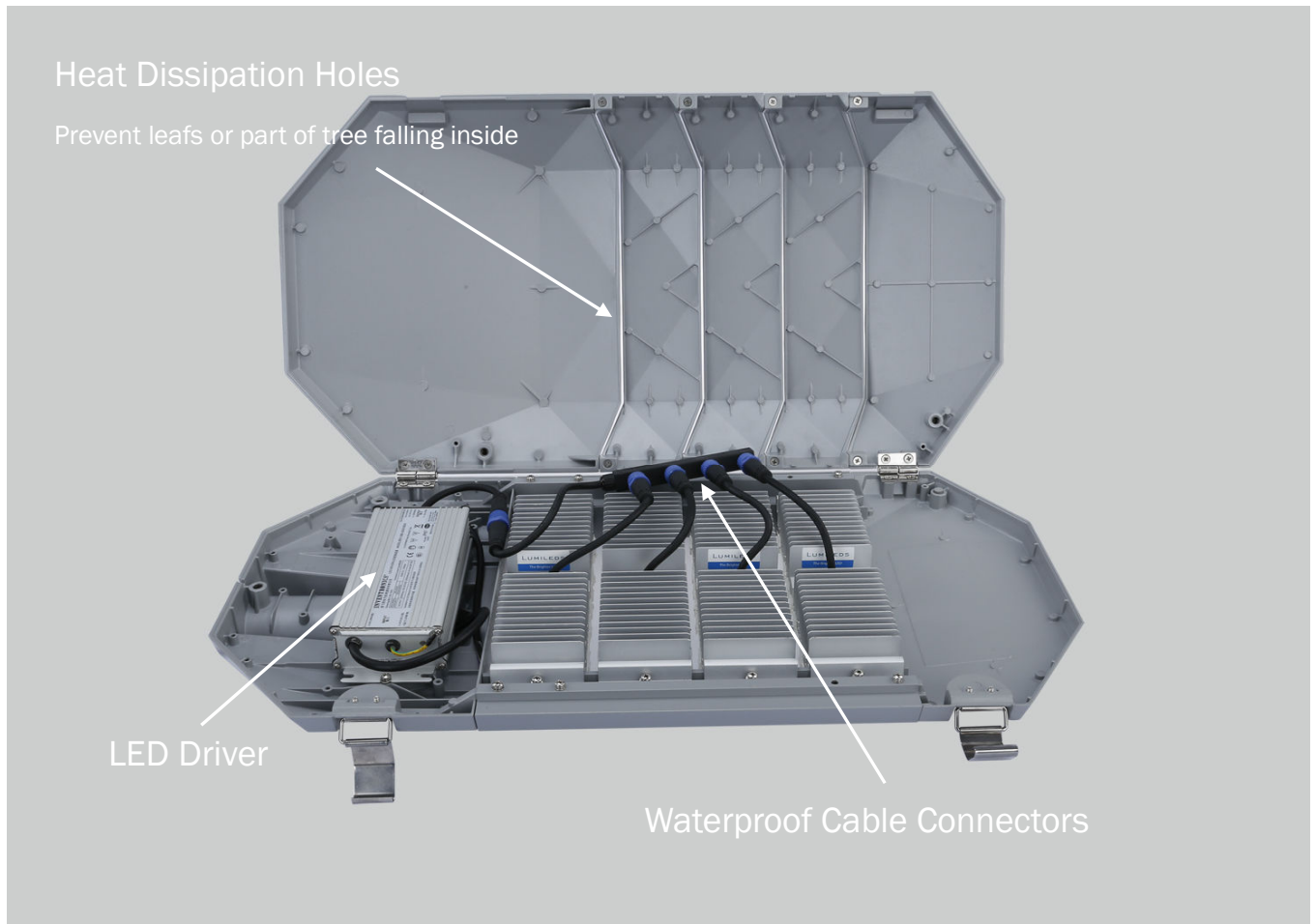
External Design Features



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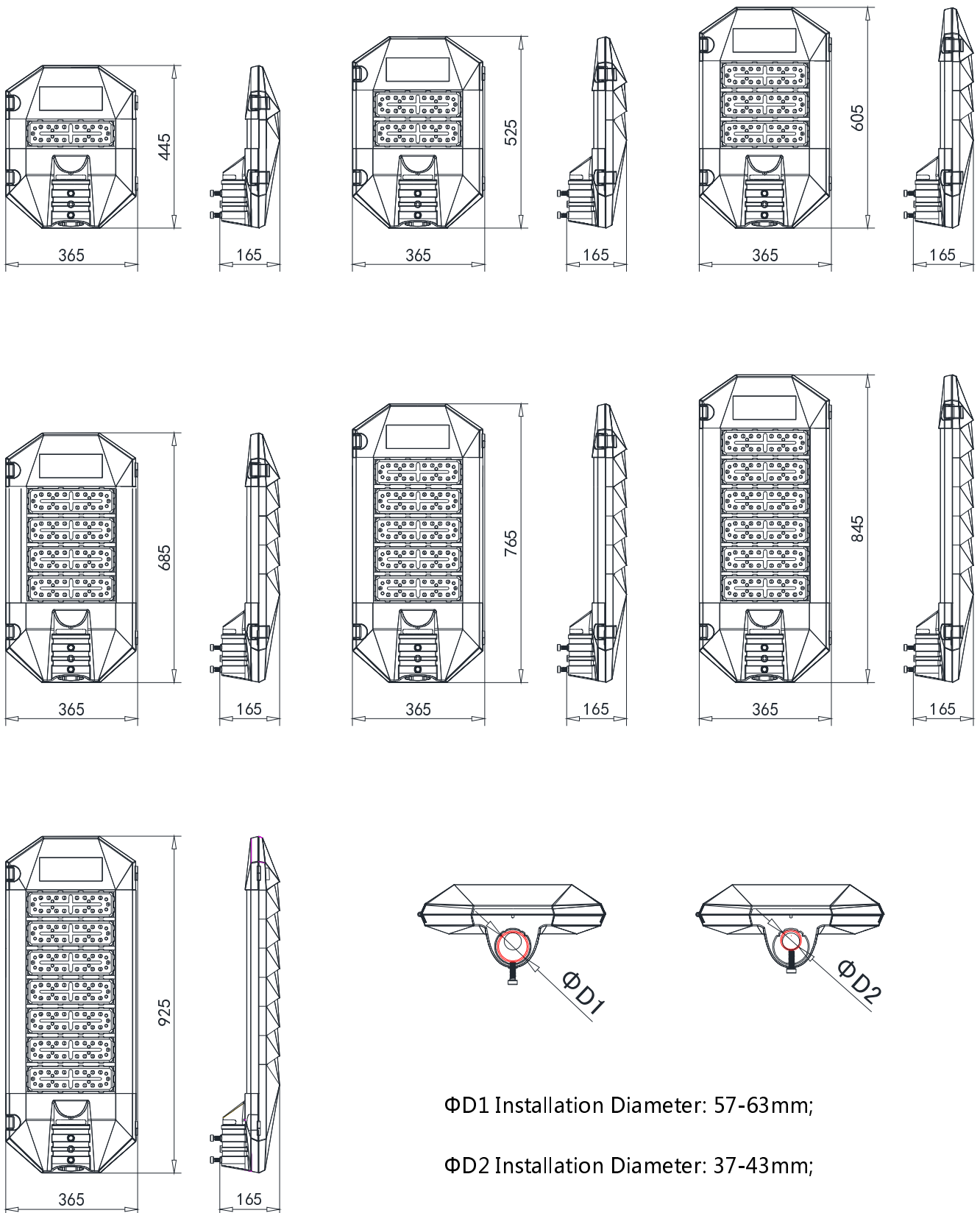
Internal Design Features



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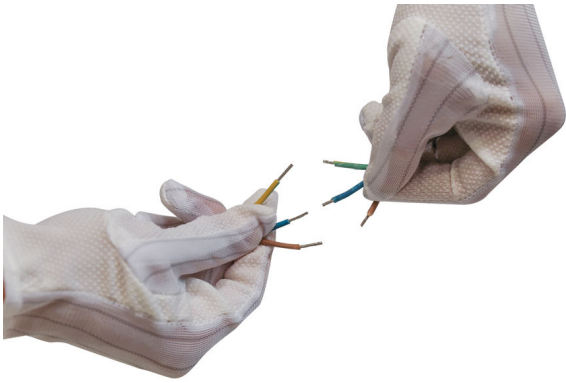
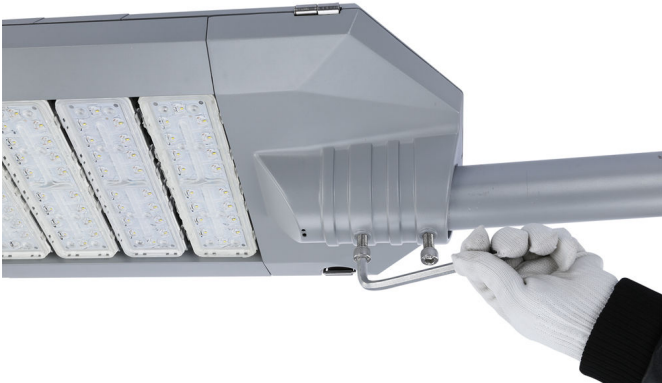

Dimensions



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Installation





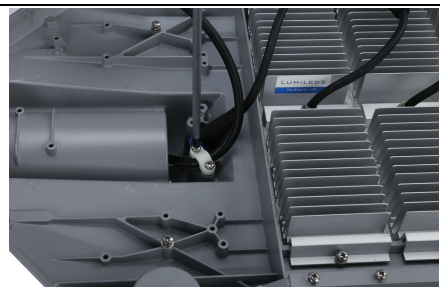
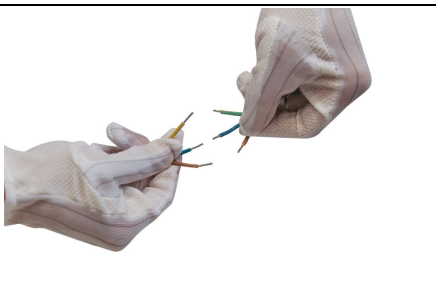


	
<p>1. Loosen the two stainless-steel M10x45 hexagon socket head cap screws on the tube for pole mounting.</p>	<p>2. Connect the wires to the AC input. Make sure the wiring correct and grounding reliable.</p>
	
<p>3. Infix the luminaries onto a pole. Tighten up the two M10X45 screws on the tube.</p>	<p>4. Installation finished.</p>

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Maintenance







Driver & Electrical Parts

		
<p>1. Loosen the two latches on the side.</p>	<p>2. Open the cover.</p>	<p>3. Undo the two M4x6 cross recessed pan head screws at the ends of the failed driver.</p>
		
<p>4. Disconnect the driver from the connector to modules.</p>	<p>5. Undo the two M4x12 cross recessed pan head screws on the cable clip.</p>	<p>6. Disconnect wiring from the input.</p>
		
<p>7. Replace the failed driver with a new one.</p>	<p>8. Connect and tighten up each part back step by step. Maintenance finished.</p>	

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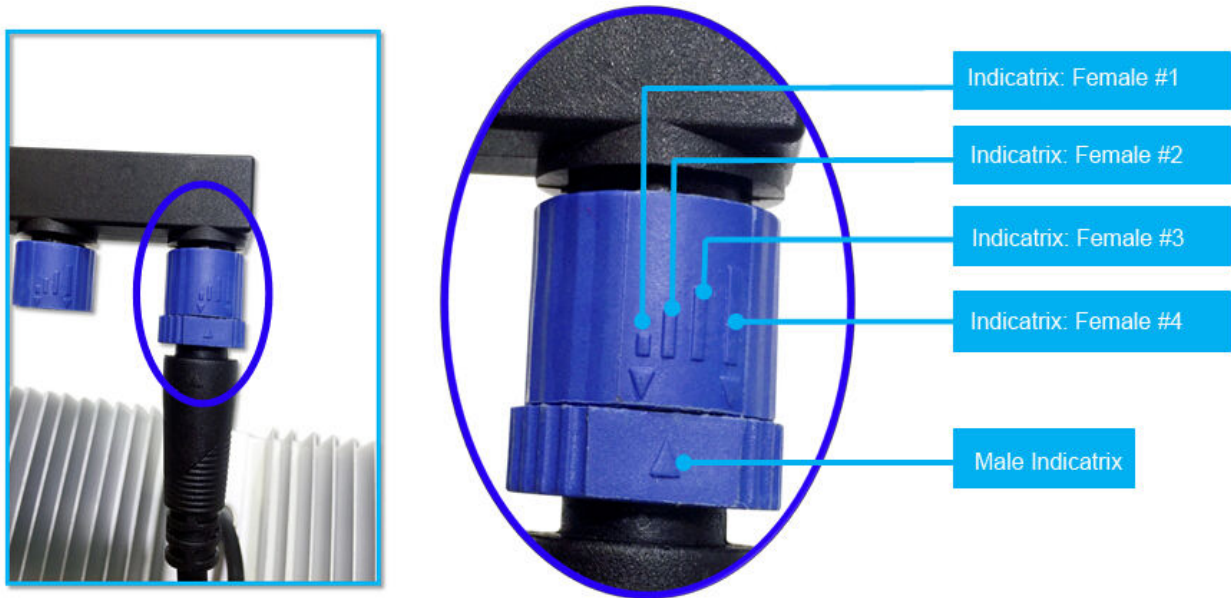
Module

		
<p>1. Loosen the two latches on the side.</p>	<p>2. Open the cover.</p>	<p>3. Undo the two M4x10 screws at the ends of the failed module.</p>
		
<p>4. Disconnect the failed module from the connector.</p>	<p>5. Replace the failed module with a new one.</p>	<p>6. Connect and tighten up each part back step by step. Maintenance finished.</p>

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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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Warranty

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

Ordering Information

Example: T32AS-2-120-BK-M1L-3501-7-40-PH

Ordering Information	T 32A 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.