



Marlin



Standard Color: Dark Gray (PANTONE:8403C)

Features:

- Rated Power Range: 30W-150W;
- Rated Input Voltage: AC200-240V;
- Housing Material: Die-casting aluminum alloy+ Ultra transparent tempered glass;
- Cover opening: Tool-free;
- Protection Degree: IP66, IK08;
- Angle Adjuster: 20 ° to -20° angle adjustment for horizontal and vertical installation (5 ° minimum angle adjustment);
- Equipped with automatic Power-off switch to ensure safe installation and maintenance.
- Equipped with bubble level to ensure quick installation;
- NEMA interface and ZHAGA interface are optional;
- Control mode: Power line communication (NEMA), NB-IoT(NEMA), ZigBee (NEMA), LoRa (NEMA), power timer dimming, NEMA light switch;
- Pole Diameter: Φ60(Φ76mm & Φ42mm are optional);
- Operating environment: Operating Temperature - 40°C ~ 45°C, Operating Humidity10% ~ 90 %RH, Storage Temperature -40 °C ~ 55 °C.

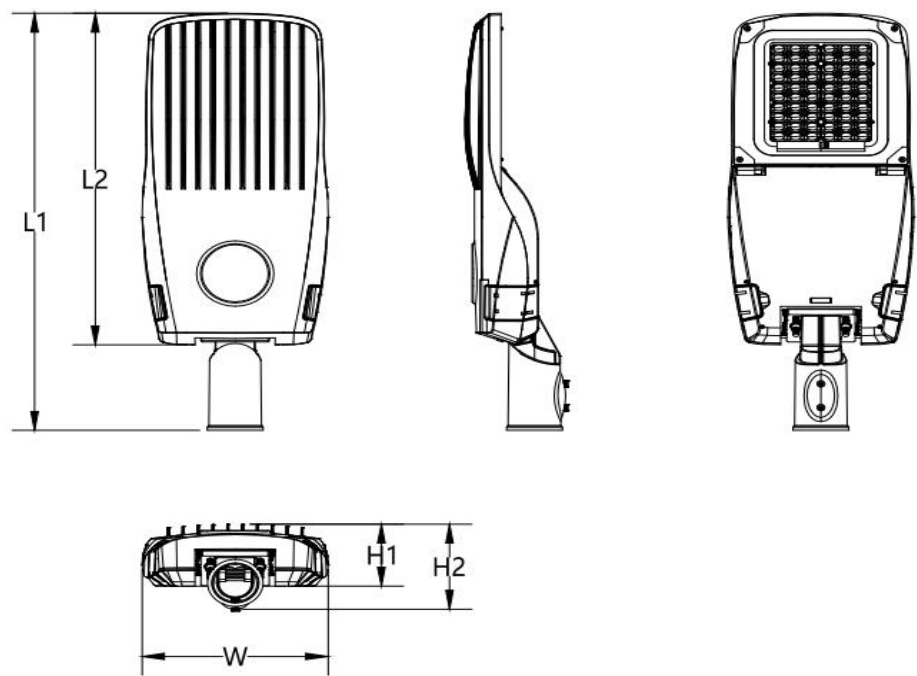
Street Light Specification



Product Model	UNI-STD4-1-030	UNI-STD4-2-060	UNI-STD4-3-090	UNI-STD4-4-120	UNI-STD4-5-150
Power (W)	30	60	90	120	150
Luminous Flux (lm)	4800	9600	14400	19200	24000
Power Factor	≥0.90	≥0.90	≥0.95	≥0.95	≥0.95
Input Voltage	AC200-240V 50/60Hz				
LED	Osram/5050				
Driver	Osram/Tridonic/Inventronics/Moso				
CCT (K)	3000K/4000K/5000K/5700K/6500K				
Luminaire Efficiency@4000K, Ta=25°C (lm/W)	160				
CRI	70				
Working Temp.	- 40 °C ~ 45 °C				
Working Humidity	10 % ~ 90 % RH				
Storage Temp.	- 40 °C ~ 55 °C				
Housing Materials	Die-casting aluminum				
IP Grade	IP66				
IK Grade	IK08				
Life Span (Hrs)	100,000				
Max Projected Area (m²)	0.11	0.14	0.14	0.17	0.17
Product Dimension (mm)	574×219×124	665×250×125	665×250×135	695×285×140	695×285×140
Packing Dimension (mm)	610×340×235	740×340×235	740×340×235	740×400×235	740×400×235
Net Weight (kg)	4.0±0.5	5.0±0.5	5.5±0.5	7.0±0.5	7.0±0.5
Gross Weight (kg)	5.0±0.5	6.5±0.5	7.0±0.5	9.0±0.5	9.0±0.5

Note: The tolerance of Luminous Flux for lighting products is ±7%

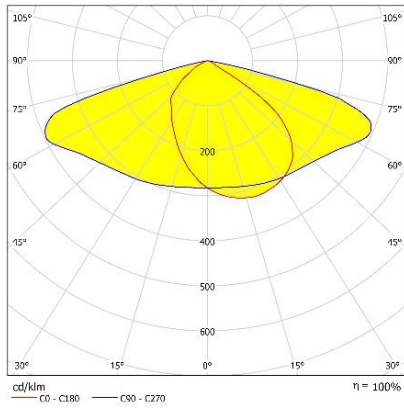
Product Dimension:



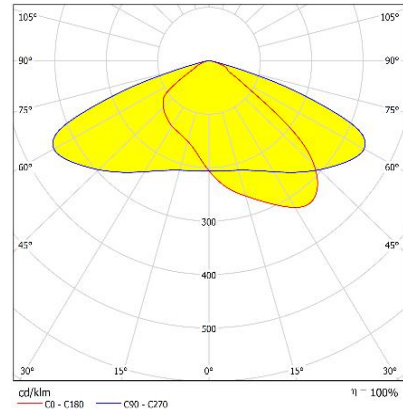
Product Model	Dimension (mm)				
	L1	L2	W	H1	H2
STD3-1	574	438	219	86	124
STD3-2	665	529	250	89	125
STD3-3	665	529	250	99	135
STD3-4	695	559	285	103	140

Note: The pictures are only the references of typical light distribution type, and the specific parameters shall be subject to the actual IES of the product.

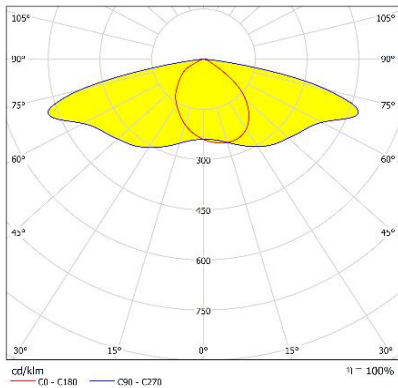
Light Distributions:



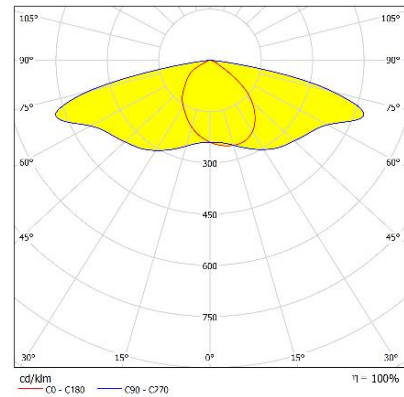
618-5050-T2S



831-5050-T2S



711-5050-T2S

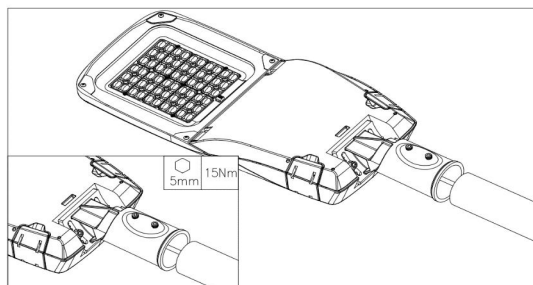
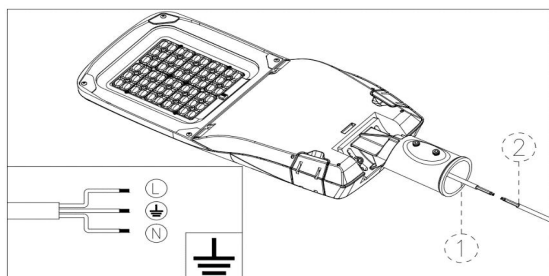


710-5050-T2M

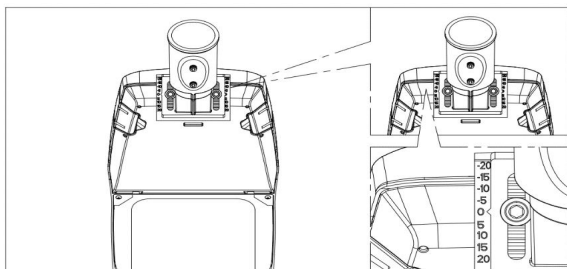
Note: The pictures are only the references of typical light distribution type, and the specific parameters shall be subject to the actual IES of the product.

Installation Diagram:

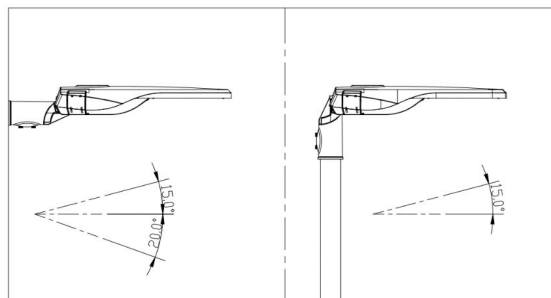
1. Wire the power cables of the luminaire and the pole according to the picture below: L(BRN) live line, N (BLU) neutral line, (YG/GRN) ground line), making the connection waterproof.
2. Insert the cantilevered arm of lamp pole into the lamp, and then tighten 2pcs M10 screws.



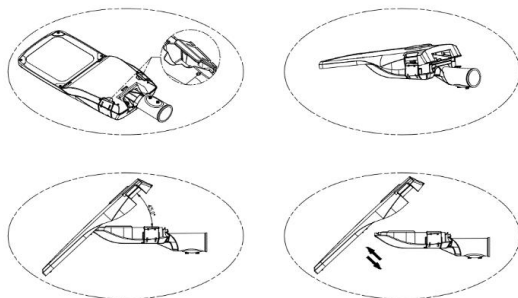
3. Loosen the two screws as shown in the picture; adjust the pointer of the angle adjuster to the required angle value, then tighten the two M8 screws



4. Horizontal and vertical installation are optional and the minimum angle adjustment is 5°.



5. Open the fasteners as shown in the picture; Open the cover 45° and pull out the upper cover component to maintain it



Maintenance:

- Keep the luminaire in clean and good maintenance to ensure long lifespan and safety use.
- Wipe the luminaire with soft cloth dipped with soapy water (squeeze the water out first), and then make it clean and dry with a new cloth;
- Do not use volatile chemical liquids such as gasoline, alcohol or insecticides to clean the luminaire, otherwise damage occurs.

Cautions:

- Make sure safe and complete installation before power on;
- Do not mount the luminaire onto ordinary combustible materials directly in any circumstances;



- Do not cover the luminaire with any objects;
- Do not use the product in a closed environment;
- The maintenance of the luminaire must be done by professionals;
- The external wiring of the luminaire is Y-shaped. If damaged, shall be replaced with wires provided by the original manufacturer or its service team;
- The light source, if damaged, shall be replaced with chips provided by the manufacturer or service team.

Warning, danger of electric shock



- Statement: The luminaire complies with the non-hazardous requirements in the photobiological safety standard IEC 62471:2006;
- Product specifications are subject to change without notice.