



Manta+



Standard Color: Dark Gray (PANTONE:8403C)

Features:

- Rated Power Range: 350W;
- Rated Input Voltage: AC100-277V;
- Housing Material: Die-casting aluminum alloy+ Ultra transparent tempered glass;
- Cover opening: Tool-free;
- Protection Degree: IP66, IK08;
- Angle Adjuster: 15 ° to -15 ° angle adjustment for horizontal and vertical installation (5 ° minimum angle adjustment);
- Equipped with automatic Power-off switch to ensure safe installation and maintenance.
- NEMA interface and ZHAGA interface are optional;
- Control mode: Power line communication (NEMA), NB-IoT(NEMA), CAT1 (NEMA), LoRa (NEMA), power timer dimming, NEMA light switch;
- Pole Diameter: $\Phi 60$ ($\Phi 76$ mm are optional);
- Operating environment: Operating Temperature - 40°C ~ 50°C, Operating Humidity 10% ~ 90 %RH, Storage Temperature -40 °C ~ 70 °C.

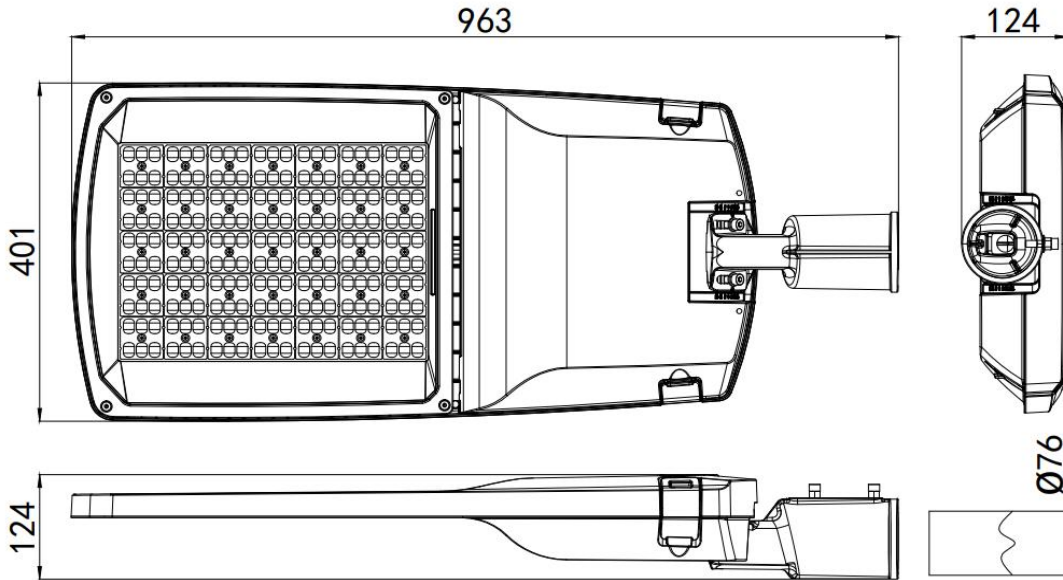
Street Light Specification



Product Model	UNI-STC3-6-350
Power (W)	350
Luminous Flux (lm)	56000
Power Factor	≥0.95
Input Voltage	AC 100-277V 50/60Hz
LED	Osram/5050
Driver	Inventronics/Moso/Tridonic
CCT (K)	3000K/4000K/5000K/5700K/6500K
Luminaire Efficiency@4000K, Ta=25°C (lm/W)	160
CRI	70
Working Temp.	- 40 °C ~ 50 °C
Working Humidity	10 % ~ 90 % RH
Storage Temp.	- 40 °C ~ 70 °C
Housing Materials	Die-casting aluminum
IP Grade	IP66
IK Grade	IK08
Life Span (Hrs)	100,000 (L70@Ta25°)
Max Projected Area (m ²)	0.32
Product Dimension (mm)	963×401×124
Packing Dimension (mm)	895×480×245
Net Weight (kg)	14.0±0.5
Gross Weight (kg)	15.5±0.5

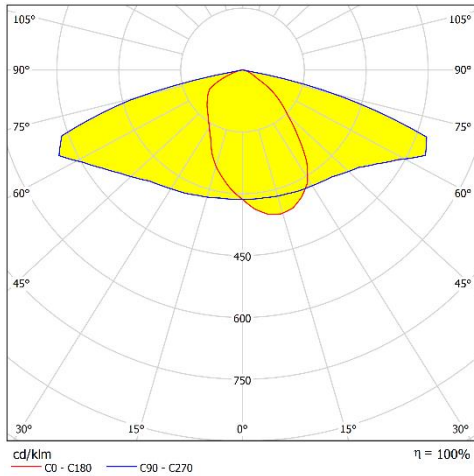
Note: The tolerance of Luminous Flux for lighting products is ±7%

Product Dimension:

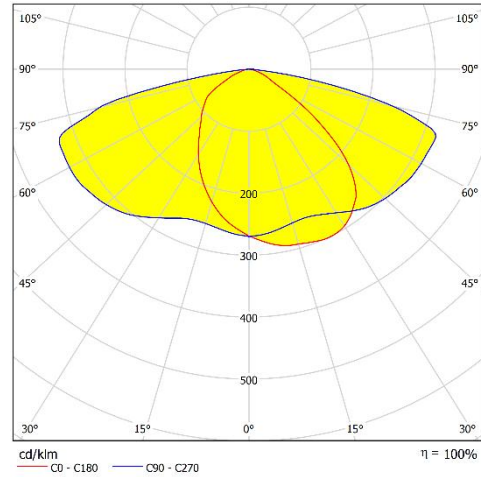


Note: The pictures are only the references of typical light distribution type, and the specific parameters shall be subject to the actual IES of the product.

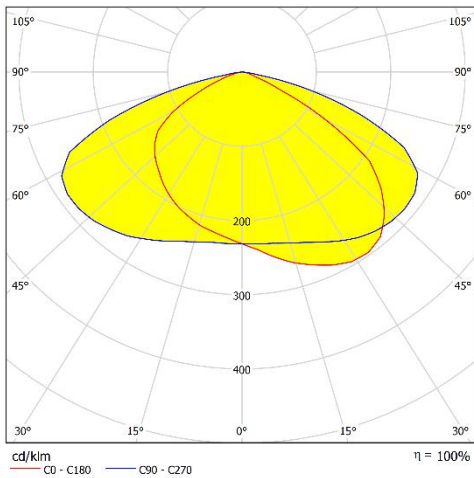
Light Distributions:



T2S



T2M

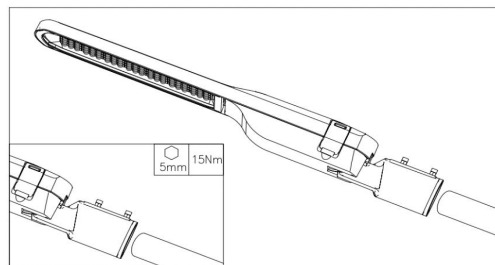
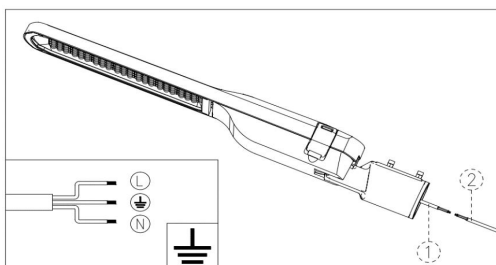


T3S

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:

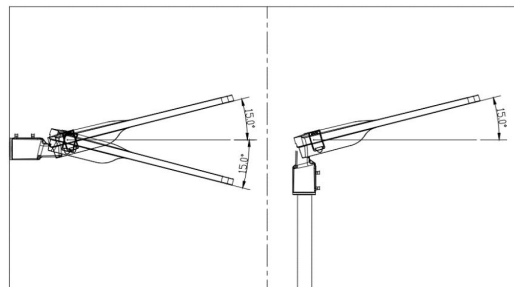
1. Wire the power cables of the luminaire and the pole according to the picture below: L(BRN) live line, N (BLU) neutral line, (YG/GRN) ground line), making the connection waterproof.
2. Insert the cantilevered arm of lamp pole into the lamp, and then tighten 2pcs M10 screws.



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°.



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.