



Ecoluzia Series



Standard Color: Dark Gray (PANTONE:8403C)

Features:

- Rated Power Range: 30W-200W;
- Rated Input Voltage: AC100-277V;
- Housing Material: Die-casting aluminum alloy+ Whole piece PC lens
- Luminary
- Cover opening: Down cover
- Protection Degree: IP66, IK08;
- Angle Adjuster: plus 15 ° to minus 15 ° angle adjustment for horizontal and vertical installation (5° angle adjustment);
- NEMA interface is optional;
- Control mode: Power line communication (NEMA),
- Pole Diameter: Φ60mm
- Operating environment: Operating Temperature - 40°C ~ 50°C, Operating Humidity 10% ~ 90 %RH, Storage Temperature -40 °C ~ 55 °C.

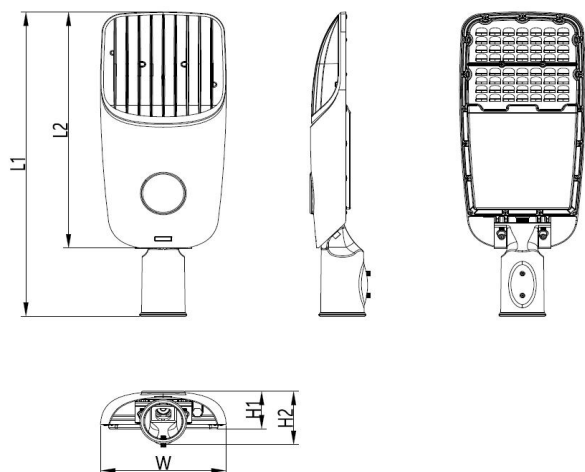
Street Light Specification



Product Model	UNI-STF3-1-20	UNI-STDF3-2-40	UNI-STDF3—3-60	UNI-STDF3-4-100	UNI-STDF3-5-150	UNI-STDF3-5-200
Power (W)	20	40	60	100	150	200
Luminous Flux (lm)	3800	7600	11400	19000	28500	38000
LED Qty	20	40	56	80	144	144
Power Factor	≥0.92	≥0.95	≥0.95	≥0.95	≥0.95	≥0.95
Input Voltage	AC100-277V 50/60Hz					
LED	Domestic/5050					
Driver	Moso/Inventronics/Sosen					
CCT (K)	3000K/4000K/5000K/5700K/6500K					
Luminaire Efficiency@4000K, Ta=25°C (lm/W)	190					
CRI	70					
Working Temp.	- 40 °C ~ 45 °C					
Working Humidity	10 % ~ 90 % RH					
Storage Temp.	- 40 °C ~ 55 °C					
Housing Materials	Die-casting aluminum+ Whole PC lens+ Adjustable angle adaptor					
IP Grade	IP66					
IK Grade	IK08					
Life Span (Hrs)	100,000					
Max Projected Area (m²)	0.05	0.07	0.09	0.11	0.16	0.16
Angle range	- 15°-- + 15°					
Product Dimension (mm)	413×158×94	468×173×94	529×203×93	628×210×94	688×276×95	688×276×95
Packing Dimension (mm)	475×215×260 2PCS/carton	530×235×260 2PCS/carton	600×275×260 2PCS/carton	700×275×260 2PCS/carton	770×345×275 2PCS/carton	770×345×275 2PCS/carton
Net Weight (kg)	1.9±0.5KG	2.2±0.5KG	2.6±0.5KG	3.1±0.5KG	5.5±0.5KG	5.5±0.5KG
Gross Weight (kg)	2.7±0.5KG	3.0±0.5KG	3.5±0.5KG	4.3±0.5KG	7.0±0.5KG	7.0±0.5KG

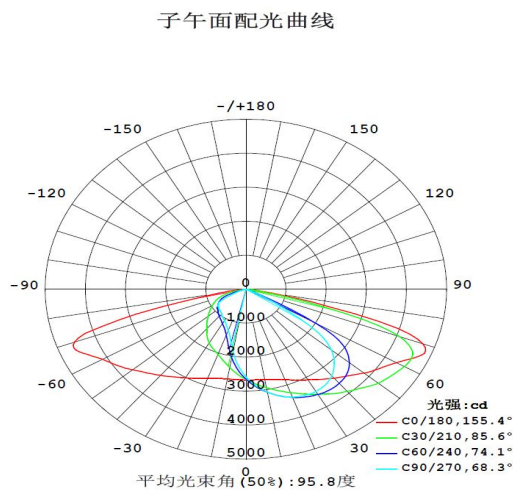
Note: The tolerance of Luminous Flux for lighting products is ±7%

Product Dimension:

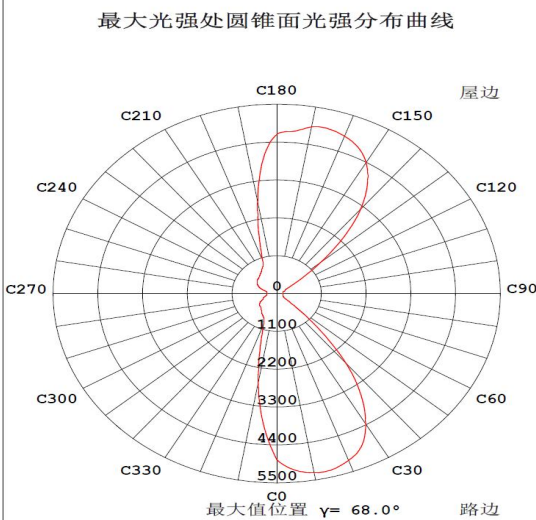


Model	Dimension (mm)				
	L1	L2	W	H1	H2
STF3-1	413	295	158	63	94
STF3-2	468	350	173	63	94
STF3-3	529	410	203	65	93
STF3-4	628	510	210	65	94
STF3-5	688	570	276	68	95

Light Distributions:



UNI-STF3(T2S)

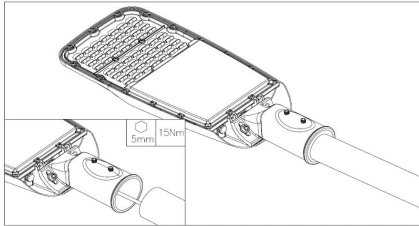


UNI-STF3(T2S)

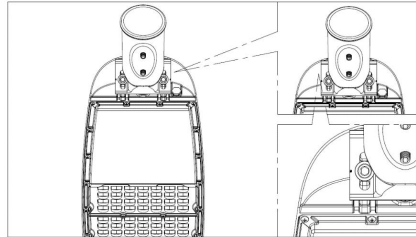
Note: The pictures are only the references of typical light distribution type, and the specific parameters shall be subject to the actual IES of the product.

Installation Diagram:

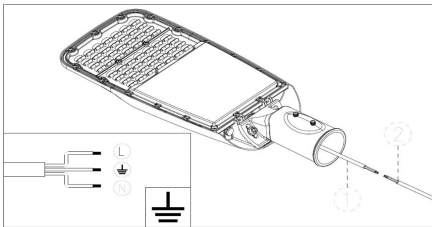
1. Wire the power cables of the luminaire and the pole according to the picture below: L(BRN) live line, N (BLU) neutral line, (⏏) (YG/GRN) ground line), making the connection waterproof.



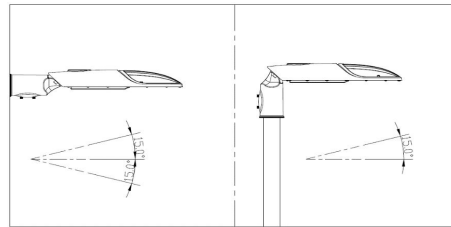
2. Insert the cantilevered arm of lamp pole into the lamp, and then tighten 2pcs M10 screws.



3. Loosen the two screws as shown in the picture; and align the notch of the angle adjuster with the center of the screw to achieve 0°, and move one tooth up or down to adjust $\pm 5^\circ$; Adjust to the desired angle and then tighten the two M8 screws.



4. It can be installed horizontally and vertically as shown in the figure, with a minimum angle adjustment unit of 5 degrees.



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.