



Ledolphin



Standard Color: Dark Gray (PANTONE:8403C)

Features:

- Integrated die-casting high-end design
 - Housing Material: Die-casting aluminum alloy+ Ultra transparent tempered glass;
 - Cover opening: Tool-free (Except the Micro model);
- Fully functional compatibility/strong protection
 - Rated Power Range: 45W-200W;
 - Rated Input Voltage: AC100-277V;
 - Angle Adjuster: plus 15 ° to minus 15 ° angle adjustment for horizontal and vertical installation (2.5° minimum angle adjustment, the Micro is 5°);
 - Equipped with automatic Power-off switch to ensure safe installation and maintenance.
 - Equipped with bubble level to ensure quick installation;
 - Pole Diameter: $\Phi 60(\Phi 76\text{mm})$; below 45W, $\Phi 42\text{mm}$ is optional);
 - Operating environment: Operating Temperature - 40°C ~ 45°C, Operating Humidity 10% ~ 90 %RH, Storage Temperature -40 °C ~ 55 °C.
 - Protection Degree: IP66, IK08;
- Intelligent control system compatibility
 - 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;

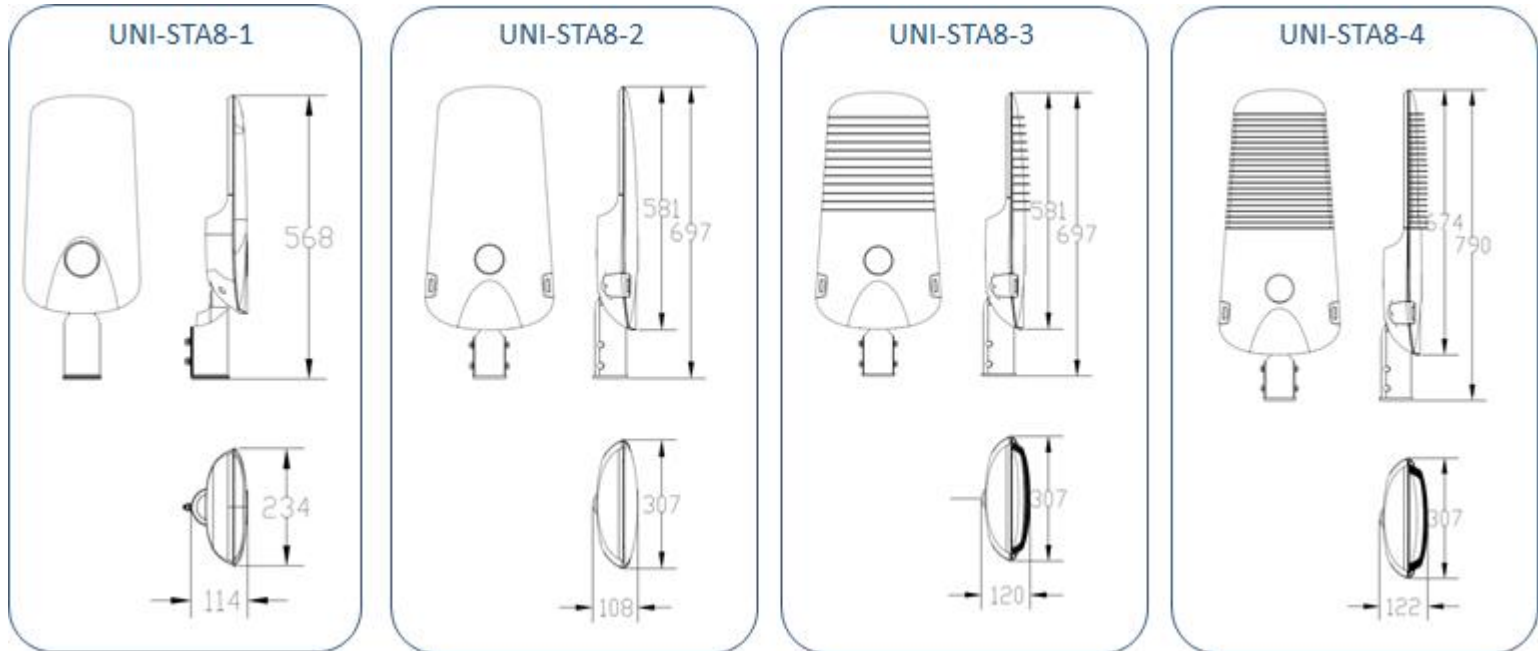
Street Light Specification



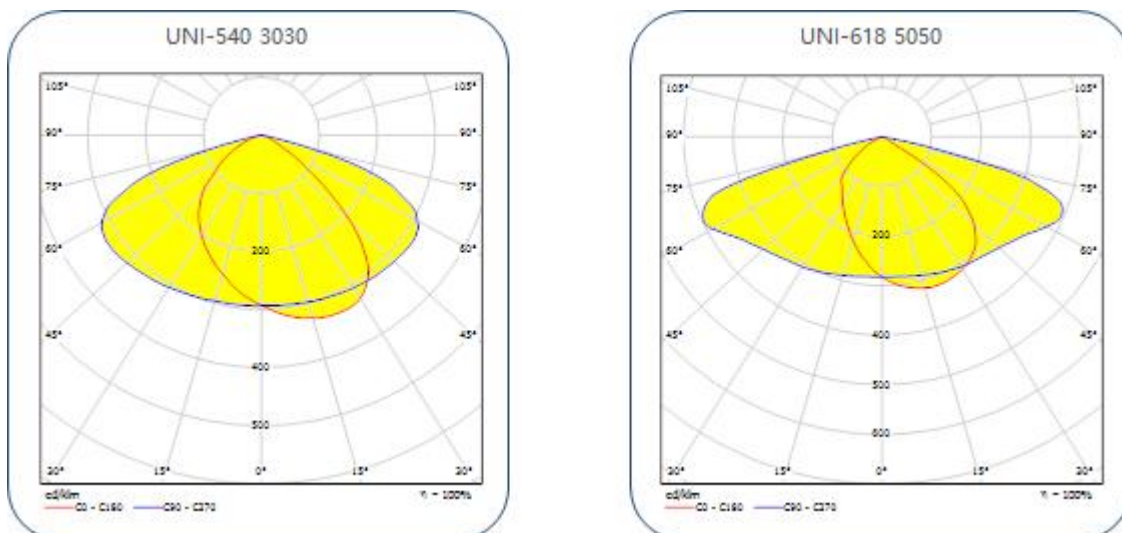
Product Model	UNI-STA8-1	UNI-STA8-2	UNI-STA8-3	UNI-STA8-4
Power (W)	45	60	120	200
Luminous Flux (lm)	5625/6750	7500/9000	15000/18000	25000/30000
Power Factor	≥0.92	≥0.95	≥0.95	≥0.95
Input Voltage	AC100-277V 50/60Hz			
LED	Osram/ Lumileds			
Driver	Inventronics/Philips/Moso/Sosen			
CCT (K)	3000K/4000K/5000K/5700K/6500K			
Luminaire Efficiency@4000K, Ta=25°C (lm/W)	Option:125,150			
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)	50,000			
Max Projected Area (m²)	0.1	0.17	0.17	0.2
Product Dimension (mm)	568×234×114	697×307×108	697×307×120	790×307×122
Packing Dimension (mm)	650×305×198	770×395×190	770×395×190	865×395×190
Net Weight (kg)	3.9±0.2	6.8±0.2	7.3±0.2	8.5±0.2
Gross Weight (kg)	4.9±0.2	8.0±0.2	8.5±0.2	10±0.2

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

Product Dimension:



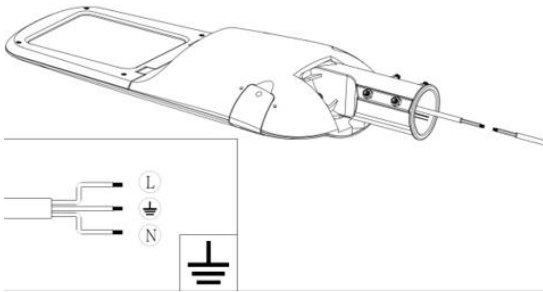
Light Distributions:



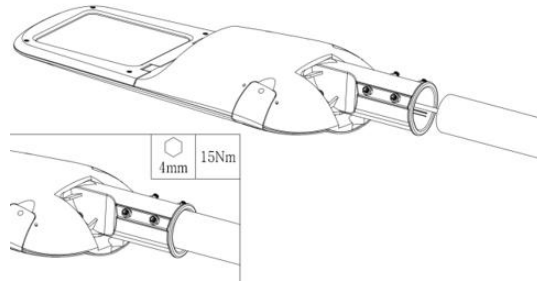
Note: The pictures are only the references of typical light distribution type, and the specific parameters shall be subject to the actual IES of the product.

Installation Diagram:

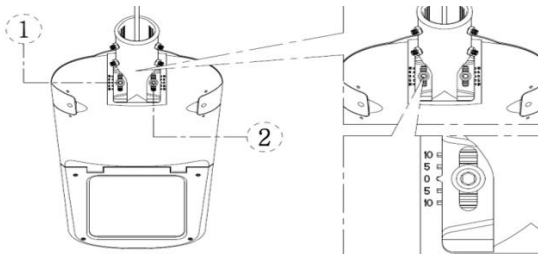
1. Wire the power cables of the luminaire and the pole according to the picture below: L(BRN/BLK) live line, N (BLU/WHT) neutral line, \oplus (YG/GRN) ground line), making the connection waterproof.



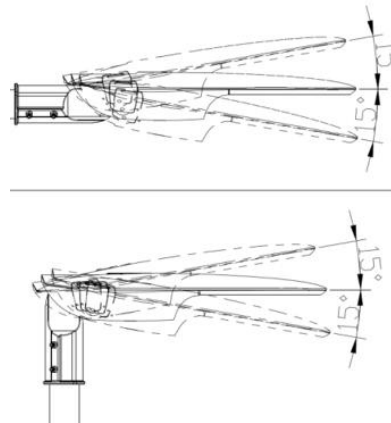
2. Insert the cantilevered arm of lamp pole into the lamp, and then tighten screws.



3. Loosen the screws to adjust the spigot and luminaire angle if necessary.



4. Horizontal and vertical installation are optional



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.