



ORCA



Standard Color: Dark Gray (PANTONE:8403C)

Features:

- Rated Power Range: 30W-200W;
- Rated Input Voltage: AC100-277V;
- Housing Material: Die-casting aluminum alloy+ PC;
- Protection Degree: IP66, IK08;
- NEMA interface and ZHAGA interface are optional;
- Control mode: Power line communication (NEMA), CAT1(NEMA), ZigBee (NEMA), LoRa (NEMA), power timer dimming, NEMA light switch;
- Pole Diameter: $\Phi 60\text{mm}$;
- Operating environment: Operating Temperature - $40^{\circ}\text{C} \sim 50^{\circ}\text{C}$, Operating Humidity $10\% \sim 90\% \text{RH}$, Storage Temperature $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$.

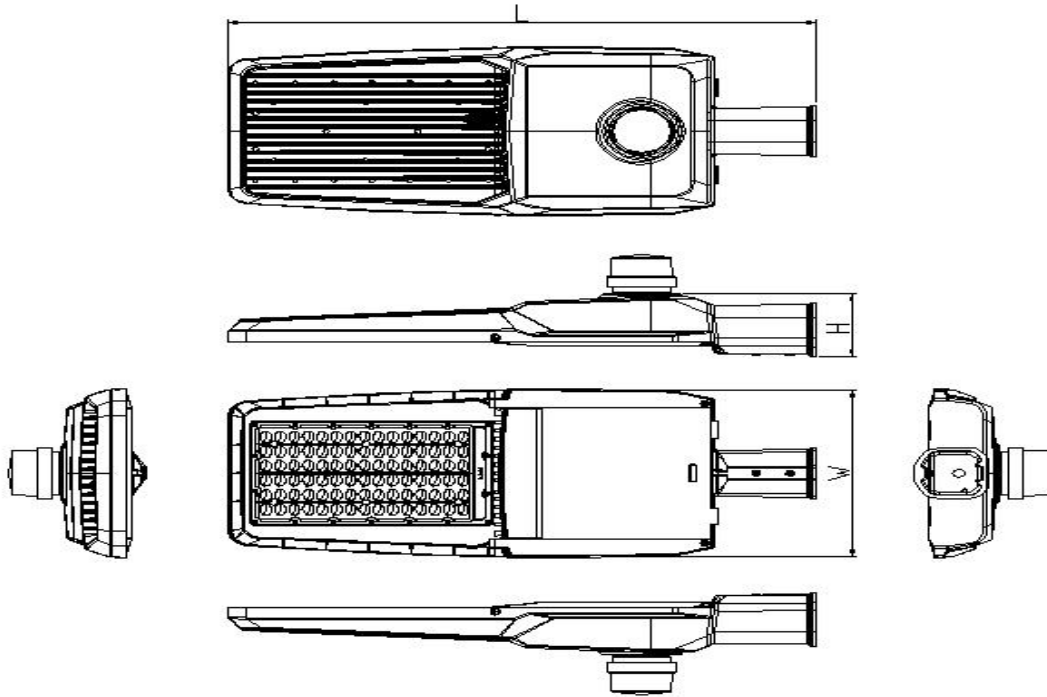
Street Light Specification



Product Model	UNI-STD5-1	UNI-STD5-2	UNI-STD5-3	UNI-STD5-4	UNI-STD5-5
Power (W)	30	60	100	150	200
Luminous Flux (lm)	5400	10800	18000	27000	36000
Power Factor	≥0.92	≥0.92	≥0.95	≥0.95	≥0.95
Input Voltage	AC100-277V 50/60Hz				
LED	Chinese Brand 5050				
Driver	Inventronics/Moso/Sosen				
CCT (K)	3000K/4000K/5000K				
Luminaire Efficiency@4000K, Ta=25°C (lm/W)	180lm/w				
CRI	70				
Working Temp.	- 40 °C ~ 50 °C				
Working Humidity	10 % ~ 90 % RH				
Storage Temp.	- 40 °C ~ 55 °C				
Housing Materials	Die-casting Aluminum Alloy				
IP Grade	IP66				
IK Grade	IK08				
Life Span (Hrs)	50,000				
Max Projected Area (m ²)	0.064	0.084	0.101	0.126	0.155
Product Dimension (mm)	440×176×92	502×202×95	550×222×98	619×243×110	689×263×99
Packing Dimension (mm)	500×235×200	565×260×200	620×280×200	690×305×200	760×320×200
Net Weight (kg)	2.2±0.2	2.6±0.2	3.3±0.2	4.3±0.2	4.8±0.2
Gross Weight (kg)	3.5±0.2	4.0±0.2	4.6±0.2	5.3±0.2	6.0±0.2

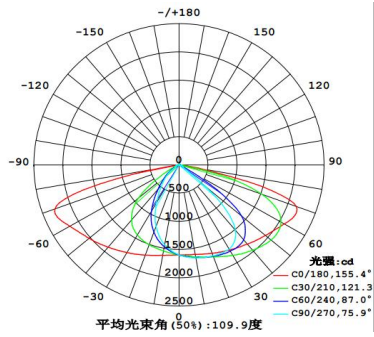
Note: The tolerance of Luminous Flux for lighting products is ±7%

Product Dimension:

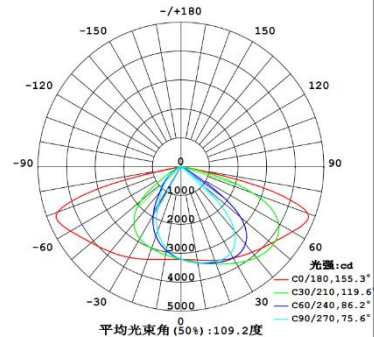


Product Model	Dimension (mm)		
	L	W	H
UNI-STD5-1	440	176	92
UNI-STD5-2	502	202	95
UNI-STD5-3	550	222	98
UNI-STD5-4	619	243	100
UNI-STD5-5	689	263	99

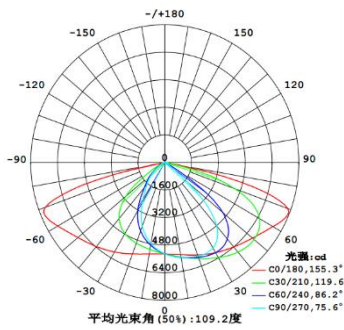
Light Distributions:



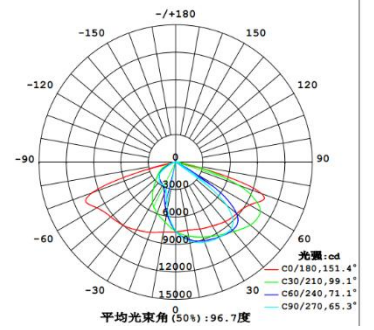
UNI-STD5-1
(2L0-001020-10-R)



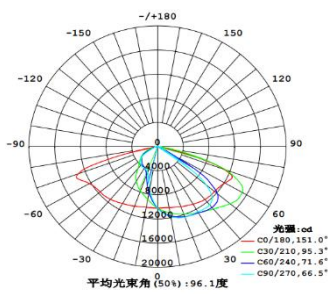
UNI-STD5-2
(2L0-001020-11-R)



UNI-STD5-3
(2L0-001020-11-R)



UNI-STD5-4
(2L0-001020-12-R)

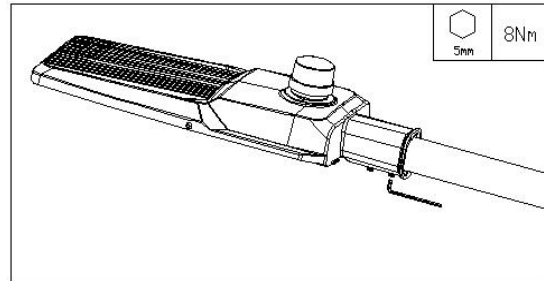
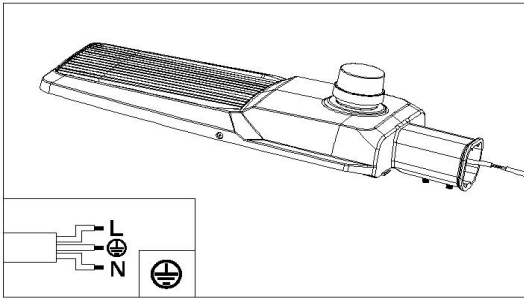


UNI-STD5-5
(2L0-001020-13-R)

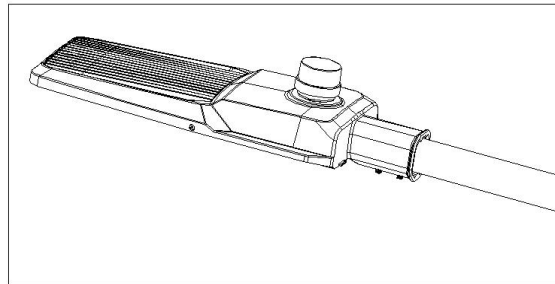
Note: The pictures are only the references of typical light distribution type, and the specific parameters shall be subject to the actual IES of the product.

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 four M8 screws.



3.Installation finished.



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.

HQ Address: 112 Yongfu Rd., Qiaotou Village, Fuyong Town, Baoan District, Shenzhen 518103 China.
Manufacturing Base: Unilumin Industrial Park, 6th Lanjing North Road, Pingshan District, Shenzhen, China.

TEL: +86-0755-29918999

FAX: +86-0755-29912092

www.unilumin.com

www.unilumin-lighting.com