

Inbrit[®]



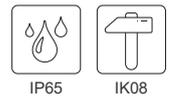
GLOW

AC LED STREET LIGHT



GLOW 60W/120W/180W/240W/300W

AC LED STREET LIGHT



This lamp is compatible with solar and grid-powered systems, allowing you to customize it according to your needs.

Energy-saving and efficient LED light beads, continuous and stable, longer life.

Adopting environmentally friendly materials, anti-oxidation, prolonging the use of time.

Good large heat dissipation holes.

Multi-module optional, meet different scene requirements.



Front view



Side view



Top view



STRUCTURAL SUBJECT

Waterproof and rustproof, not afraid of rainstorms and heat, independent installation, a variety of scenarios to use the way.

OPTICAL ELEMENT

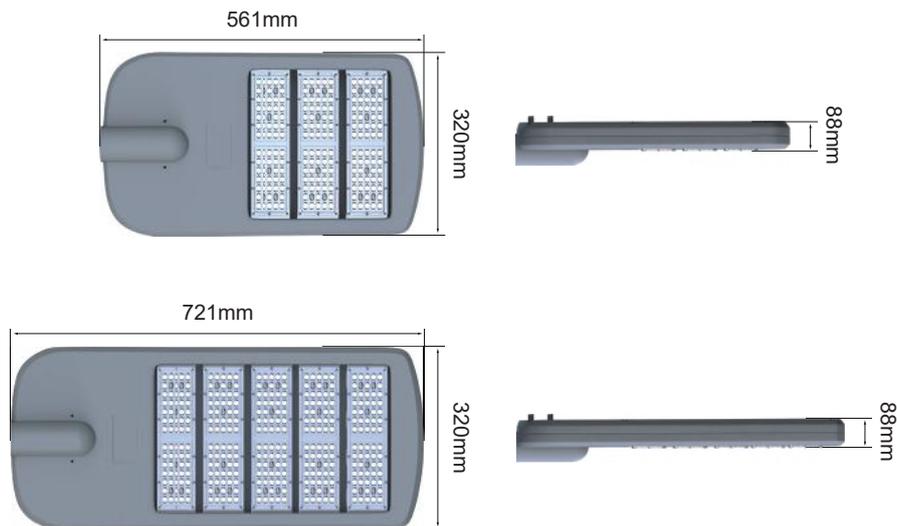
The light source utilizes a batwing lens optical accessory to cover a wider area of the roadway and reduce light scattering waste

HIGH EFFICIENCY HEAT SINK

Excellent thermal conductivity and large heat exchange area

Model No.	GLOW-AC-001	GLOW-AC-002	GLOW-AC-003	GLOW-AC-004	GLOW-AC-005
Rated Power	60W	120W	180W	240W	300W
System Voltage	AC100-277V				
Light Source	3030				
Light Distribution	Bat-Wing light distribution (150°×75°)				
Light Efficiency	140-160LM/W				
Power Supply	Mingwei/Dongling				
Color Temperature	3000K~5000K				
CRI	≥Ra70				
IP Rating	IP65				
Working Temperature	-10°C -+60°C				
Working Humidity	10%-90%RH				
LED Lifespan	50000H-100000H				
Mount Diameter	Φ60mm				
Lamp Dimension	561×320×88MM			721×320×88MM	
Lamp Weight	3.23KG	3.23KG	3.92KG	4.75KG	5.37KG
Package Dimension (2pc/CTN)	580×330×190MM(2pcs/CTN)			740×330×190MM(2pcs/CTN)	
Suggested Mount Height	8-10M	8-12M	10-14M	10-16M	12-16M
Warranty	3 Years				

LAMP DIMENSION

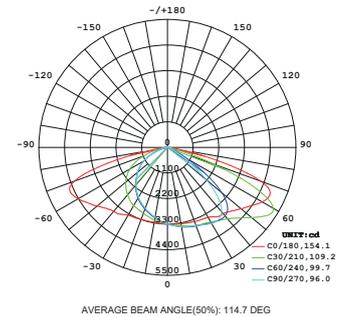


LIGHT DISTRIBUTION CURVE

STREETLIGHT PHOTOMETRIC TEST REPORT (80W)

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 158.48lm/W
MODEL	XH-80W	I _{max} (cd)	6337	η street_up (%)	0.2	
NOMINAL POWER (W)	80	LOR (%)	100.0	η street_down (%)	58.2	
RATED VOLTAGE (V)	54	TOTAL FLUX (lm)	12678	η house_up (%)	0.2	
NOMINAL FLUX (lm)	6339.23	MAXIMUM @(C, Y)	160, 64.0	η house_down (%)	41.3	
LAMPS INSIDE	2	η up (%)	0.5	76 FLASHAREA (m ²)	0.00100	
TEST VOLTAGE (V)	52.6	η down (%)	99.5	SLI	20.736	

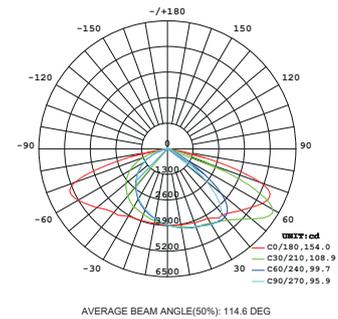
INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



STREETLIGHT PHOTOMETRIC TEST REPORT (100W)

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 149.18lm/W
MODEL	XH-100W	I _{max} (cd)	7473	η street_up (%)	0.2	
NOMINAL POWER (W)	100	LOR (%)	100.0	η street_down (%)	58.2	
RATED VOLTAGE (V)	54	TOTAL FLUX (lm)	14918	η house_up (%)	0.2	
NOMINAL FLUX (lm)	7458.9	MAXIMUM @(C, Y)	160, 64.0	η house_down (%)	41.4	
LAMPS INSIDE	2	η up (%)	0.4	76 FLASHAREA (m ²)	0.00100	
TEST VOLTAGE (V)	53.6	η down (%)	99.6	SLI	21.024	

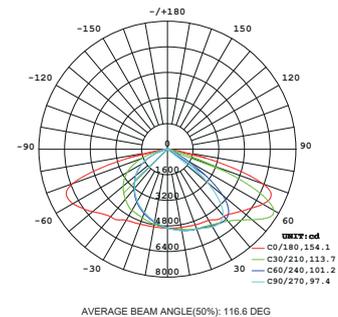
INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



STREETLIGHT PHOTOMETRIC TEST REPORT (120W)

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 158.65lm/W
MODEL	XH-120W	I _{max} (cd)	9551	η street_up (%)	0.2	
NOMINAL POWER (W)	120	LOR (%)	100.0	η street_down (%)	58.0	
RATED VOLTAGE (V)	54	TOTAL FLUX (lm)	19038	η house_up (%)	0.2	
NOMINAL FLUX (lm)	9518.91	MAXIMUM @(C, Y)	160, 63.0	η house_down (%)	41.6	
LAMPS INSIDE	2	η up (%)	0.5	76 FLASHAREA (m ²)	0.00100	
TEST VOLTAGE (V)	52.5	η down (%)	99.5	SLI	21.411	

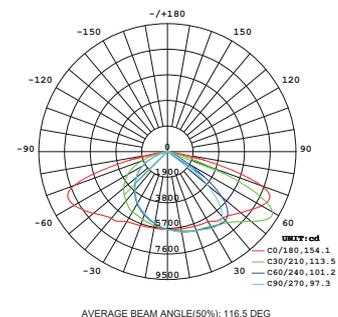
INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



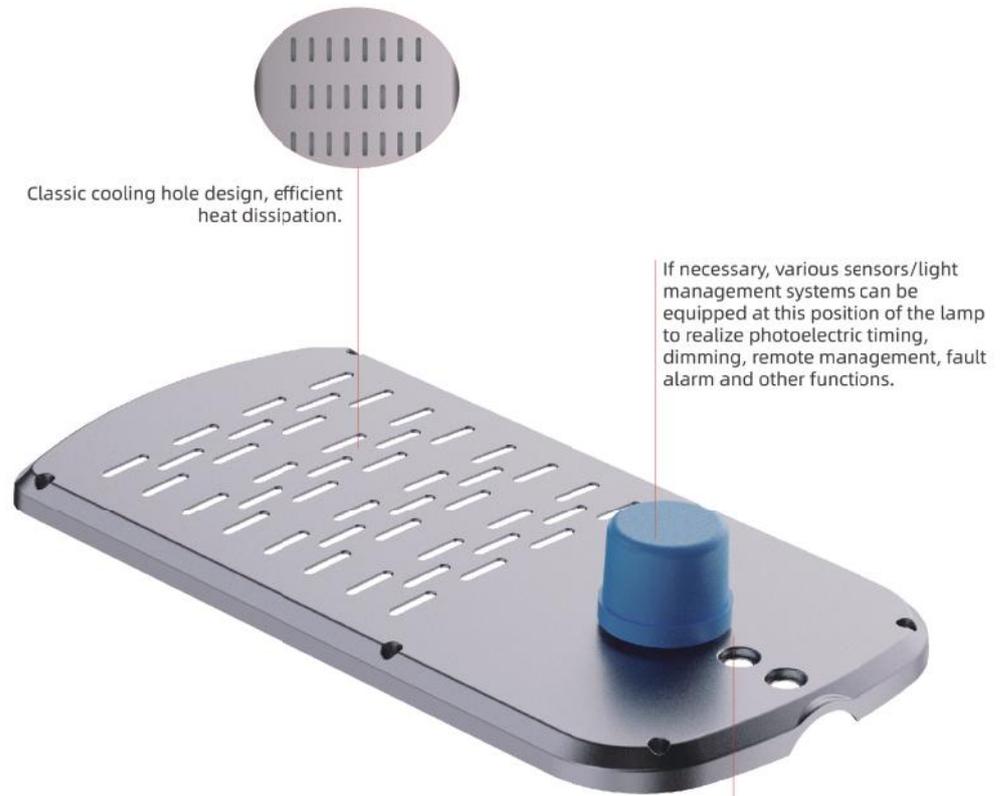
STREETLIGHT PHOTOMETRIC TEST REPORT (150W)

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 148.71lm/W
MODEL	XH-150W	I _{max} (cd)	11223	η street_up (%)	0.2	
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	57.9	
RATED VOLTAGE (V)	54	TOTAL FLUX (lm)	22307	η house_up (%)	0.2	
NOMINAL FLUX (lm)	11153.3	MAXIMUM @(C, Y)	160, 63.0	η house_down (%)	41.6	
LAMPS INSIDE	2	η up (%)	0.5	76 FLASHAREA (m ²)	0.00100	
TEST VOLTAGE (V)	53.5	η down (%)	99.5	SLI	21.642	

INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



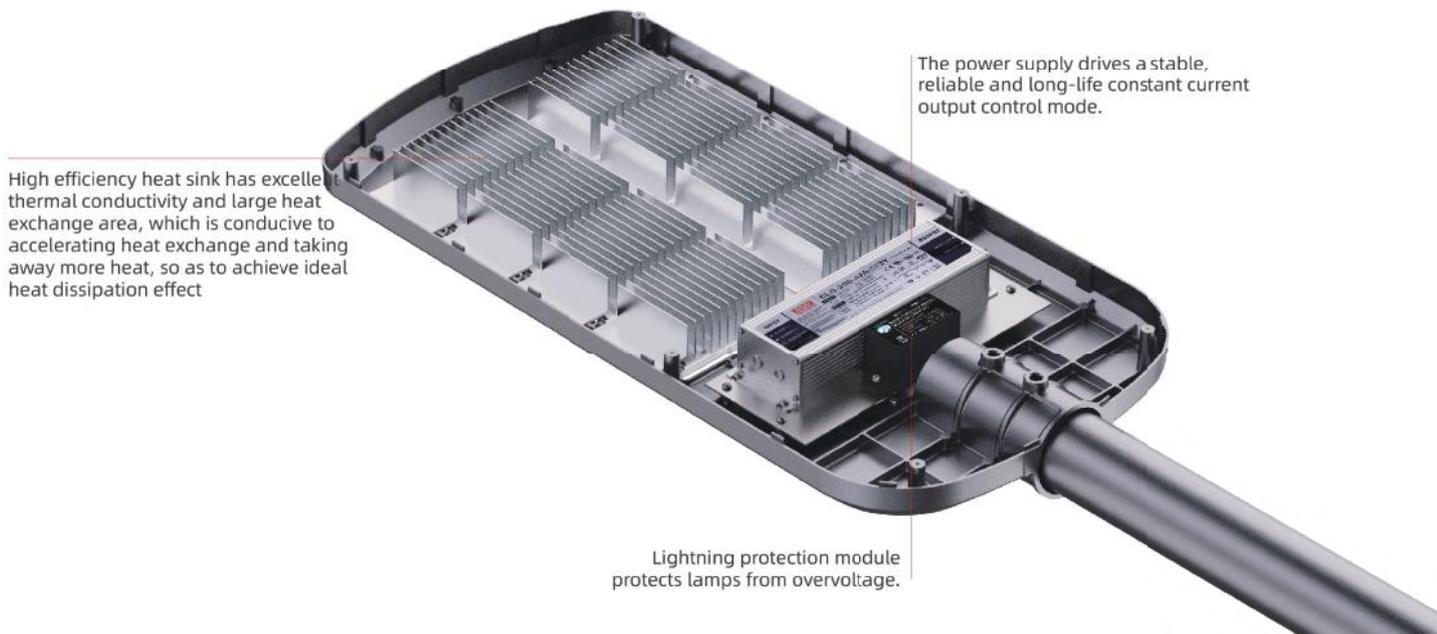
STRUCTURE PRESENTATION



Classic cooling hole design, efficient heat dissipation.

If necessary, various sensors/light management systems can be equipped at this position of the lamp to realize photoelectric timing, dimming, remote management, fault alarm and other functions.

The level gauge is designed to ensure installation accuracy and horizontal direction accuracy.



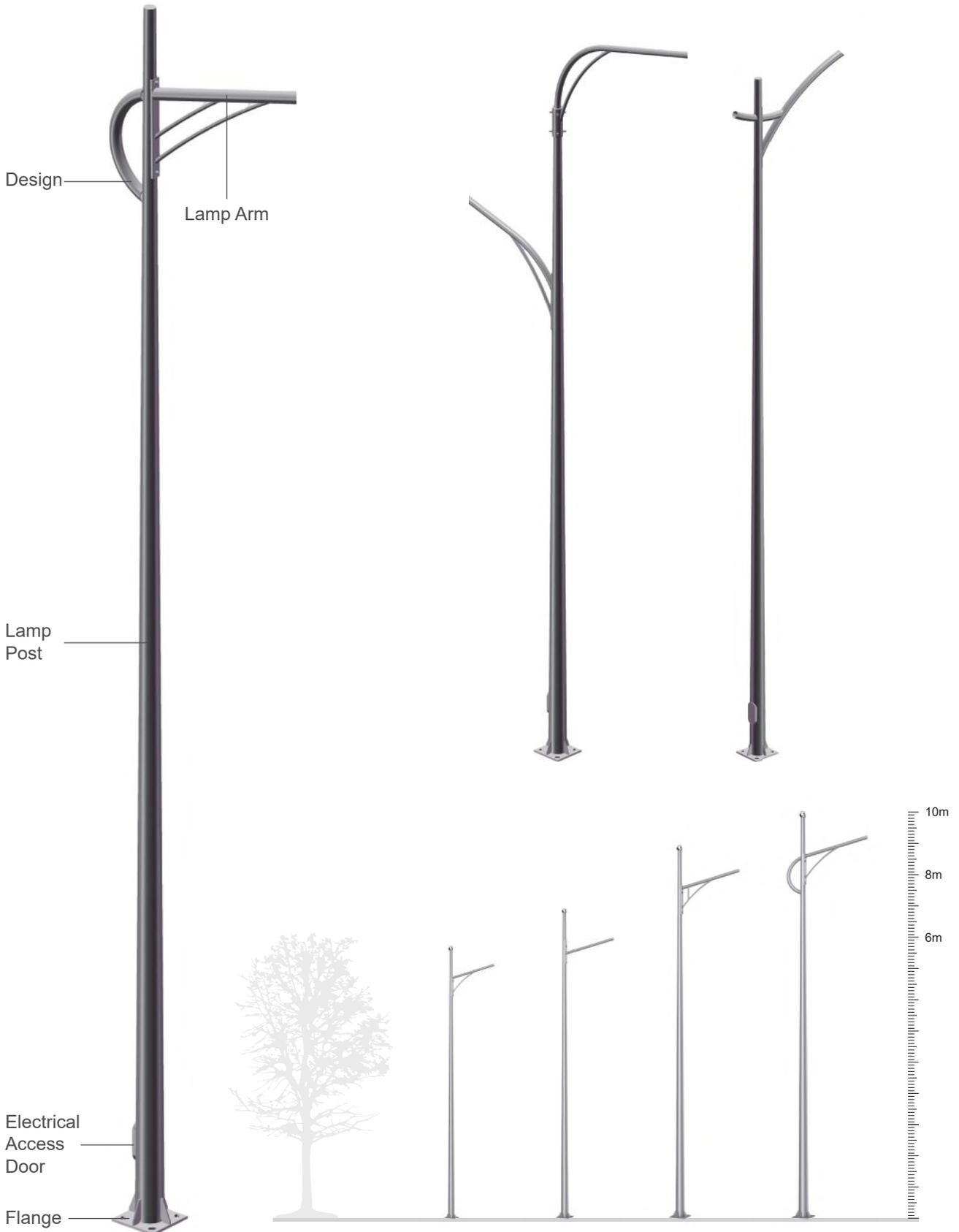
High efficiency heat sink has excellent thermal conductivity and large heat exchange area, which is conducive to accelerating heat exchange and taking away more heat, so as to achieve ideal heat dissipation effect

The power supply drives a stable, reliable and long-life constant current output control mode.

Lightning protection module protects lamps from overvoltage.

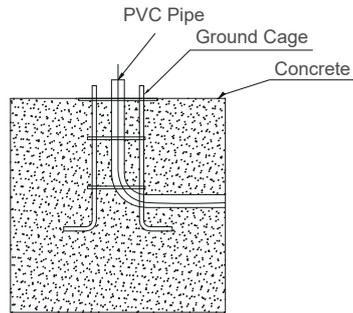


LIGHT POLE



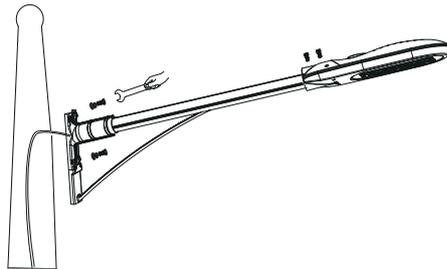
AC LAMP INSTALLATION

①



Pour the foundation for the street light, reserving a conduit for wiring inside.

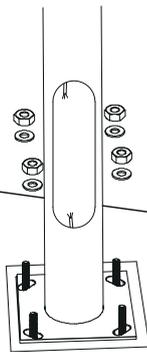
②



1. Mount the light fixture onto the support arm, adjust its position, and then tighten the hex bolts.

2. Route the light fixture output cable to the maintenance door on the lamp pole, then attach the support arm to the pole, adjust its position, and tighten the screws.

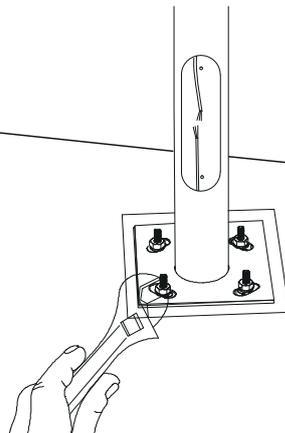
③



1. After mounting the lamp pole onto the pre-installed ground cage, sequentially install the washers and nuts onto the ground cage threads.

2. Route the cable through the reserved conduit hole in the foundation cage to the maintenance door.

④



1. Tighten the nuts with a wrench.

2. Connect the light fixture output cable to the power cable.

3. Install the maintenance door to complete the installation.



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One-Stop LED Outdoor Lighting Manufacturer