Product Specifications

(AURORA LED STREET LIGHT)

CE CB RoHS IP66

The Aurora LED Street Light is a cutting-edge solution for modern city lighting. Crafted using die-casting technology with ADC12, this street light excels in thermal management. The advanced design reduces chip temperature and light decay, significantly prolonging the lifespan of the light. The light boasts an optical UV-resistant polycarbonate lens and a tempered glass cover, rated at IK10, delivering high light efficiency of up to 150lm/w. Its professional light distributions are tailored for various applications, with multiple beam angles available to suit different street layouts. With an IP66 rating, the Aurora LED Street Light is fully dust and waterproof, making it an ideal choice for all kinds of challenging outdoor environments. It is equipped with expandable light sensors and NEMA/ZHAGA sockets, allowing flexible adaptation to smart lighting solutions for enhanced energy efficiency. With these features, the Aurora LED street light not only boosts energy efficiency but also provides effective solutions for the lighting needs of smart cities.
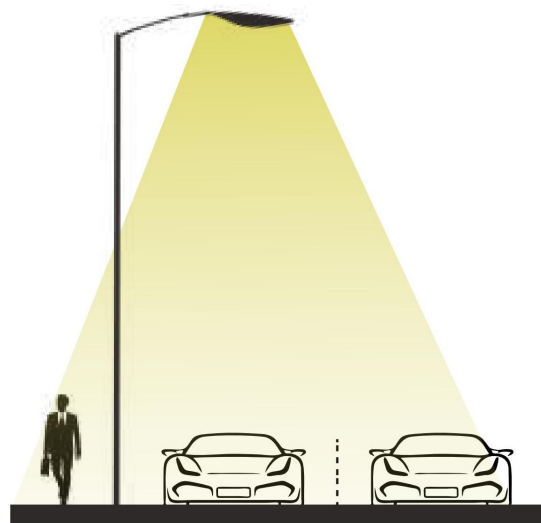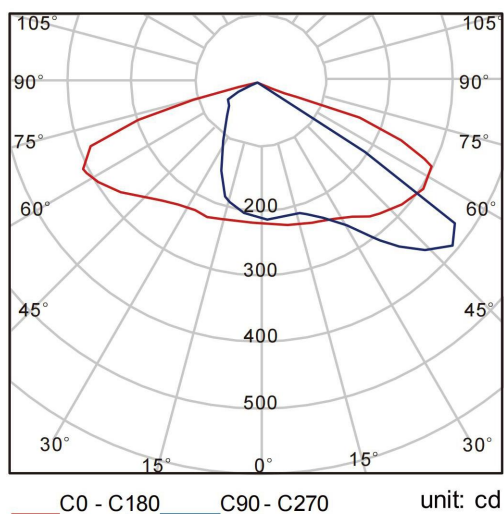
Features

- Die-casting technology with ADC12, excellent thermal management and balance the internal & external temperature, reduce chip Tj and light decay, prolong lifetime;
- Packed with top reputed brand LEDs and power supply, overheat protection, high convert efficiency, high PF & surge protection, optional with dimming, photocell sensor;
- UV resistant polycarbonate optical lens and tempered glass cover, IK10, high light efficiency up to 150lm/w;
- Professional light distributions with various beam angles available;
- IP66 degree dust and waterproof protection, to meet all kinds of harsh outdoor environments.
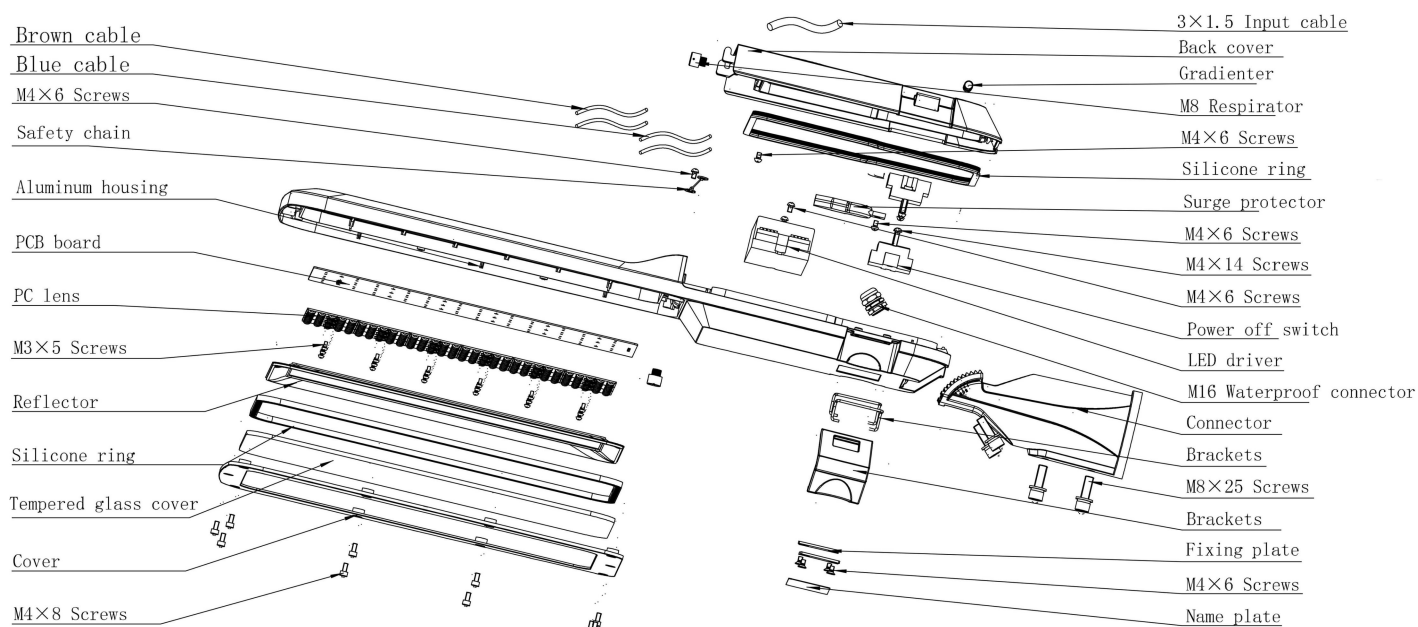
Technical Specifications

Model No.	LGS-SLAU-50W	LGS-SLAU-100W	LGS-SLAU-150W	LGS-SLAU-200W	LGS-SLAU-240W	LGS-SLAU-300W
Power	50W	100W	150W	200W	240W	300W
Lumen Output	7,500lm	15,000lm	22,500lm	30,000lm	36,000lm	45,000lm
Lumen Efficiency	150lm/w					
CCT	2700/3000/4000/5000/5700/6500K					
CRI	Ra>80(Ra>90 optional)					
Chip Brand	Lumileds					
Beam Angle θ/2	T2/T3					
Light Decay Rate	Less than 3% in 6,000Hours					
Lifespan	≥50,000Hrs					
Input Voltage	100-240VAC 50/60Hz					
Power Factor	PF>0.95					
THD	<15%					
Driver Brand	Meanwell/Sosen					
Material	Aluminum Housing+Polycarbonate Lens+Tempererd Glass Cover					
Degree of Protection	IP66 & IK10					
Dimensions(mm)	542*189*66	590*219*66	717*259*66	797*280*66	797*280*66	857*324*66
Package	1pcs/CTN					
Gross Weight(KG)	3kg	4kg	5kg	7kg	7kg	8kg
Carton Size(mm)	570*220*140	620*250*140	750*290*140	830*310*140	830*310*140	900*360*140
Finish	Silver					
Installation	Mounting					
Working Temperature	-20℃~+40℃					
Storage Temperature	-40℃~+70℃					
Certificate	CE, CB, RoHS					
Warranty	5 years					
Optional Functions	0-10V/PWM/DALI/Sensor/NEMA/ZHAGA Available on Request					

Light Distributions

C0 - C180   C90 - C270   unit: cd

Explosion Drawings

Brown cable
Blue cable
M4×6 Screws
Safety chain
Aluminum housing
PCB board
PC lens
M3×5 Screws
Reflector
Silicone ring
Tempered glass cover
Cover
M4×8 Screws

3×1.5 Input cable
Back cover
Gradienter
M8 Respirator
M4×6 Screws
Silicone ring
Surge protector
M4×6 Screws
M4×14 Screws
M4×6 Screws
Power off switch
LED driver
M16 Waterproof connector
Connector
Brackets
M8×25 Screws
Brackets
Fixing plate
M4×6 Screws
Name plate

Dimensions and Drawings

Unit: mm
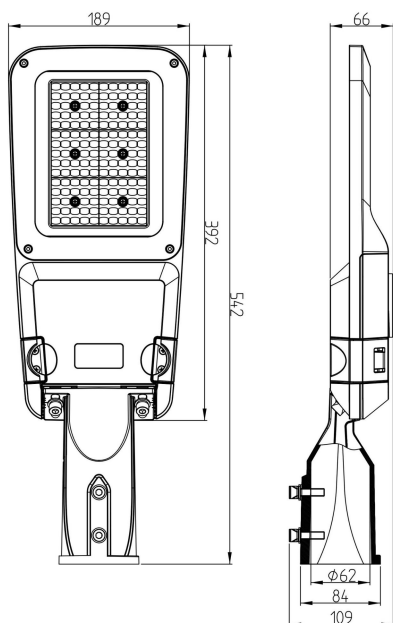
50W
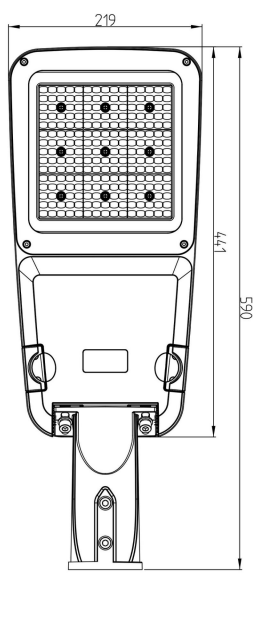
100W
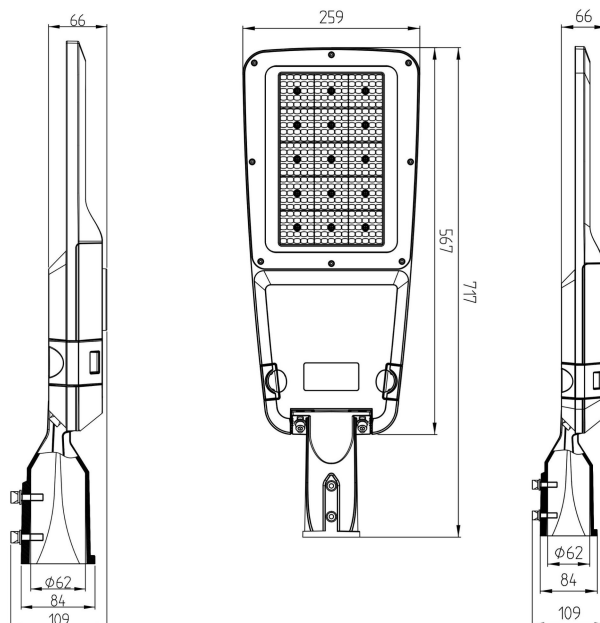
150W
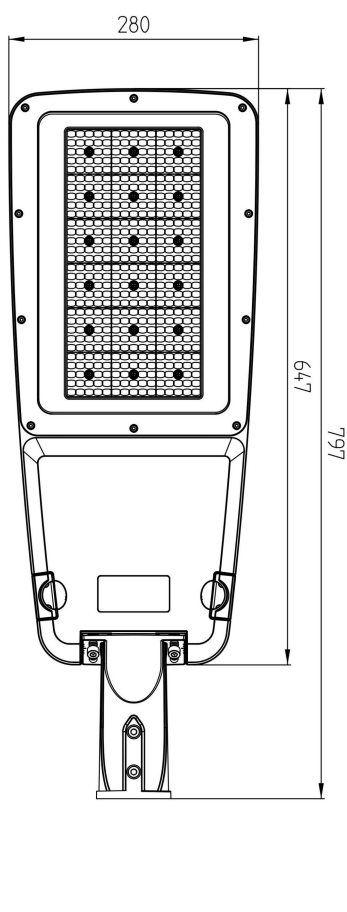
200/240W
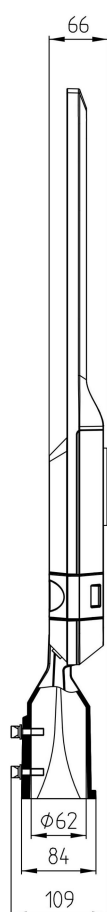
300W

Accessory

NEMA Socket   **ZHAGA Socket**   **10KV/20KV SPD**
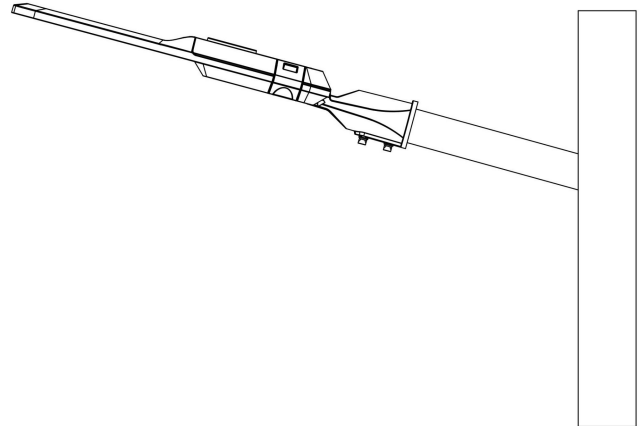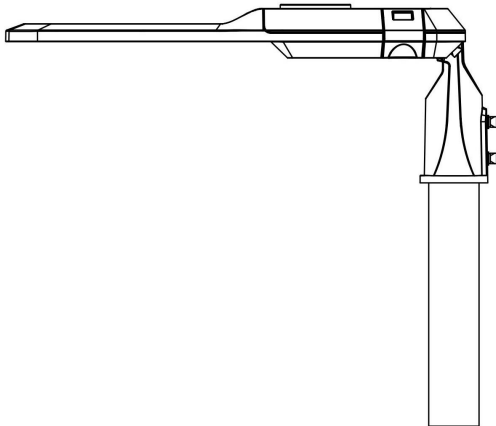
Photocell Sensor   **Short-circuit cap**

Installation

Notice

1. Please first read the product specification carefully, make sure the using environment conform to specification, then it can be used;

2. Please confirm the input voltage, frequency before use;

3. This product must be installed by professionals;

4. If there is any damage to the power wire or shell of the product, it should be taken as defective product and do not use;

5. Dangerous high voltage, non-professionals are not allowed to maintain the product;

6. If external soft cable or soft wire of the light is damaged, it should be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger.