



Product Specifications



(IRIS LED STREET LIGHT)

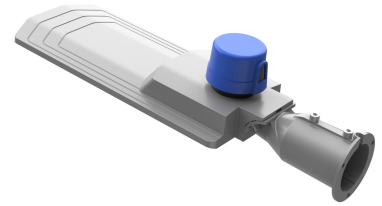
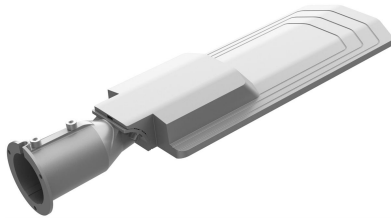


The Iris LED Street Light is a high-performance lighting solution designed for outdoor environments. It provides uniform illumination and enhances visibility for pedestrians and motorists. With die-casting technology for thermal management and durability, it offers versatile installation options for poles or walls. Overall, the Iris LED Street Light is sustainable, cost-effective, and ideal for streets, roads, public spaces, etc.

Features

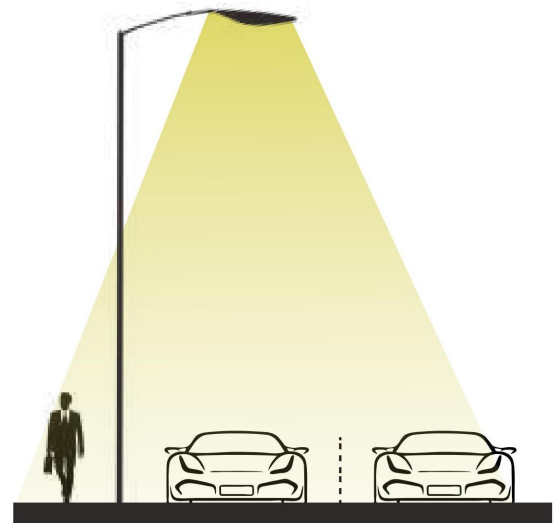
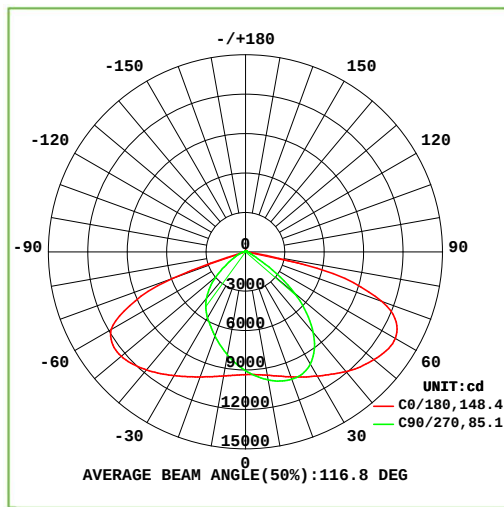
- Die-casting technology with ADC12, excellent thermal management and balance the internal & external temperature, reduce chip Tj and light decay, prolong lifetime;
- Mounted with branded driver, overheat protection, high convert efficiency, high PF & surge protection, optional with dimming and photocell sensor;
- UV resistant polycarbonate optical lens with 94% light transmittance, IK10, high light efficiency up to 140lm/w;
- IP66 degree dust and waterproof protection, to meet all kinds of harsh outdoor environments;
- Available with pole mounted and wall mounted installation.

Technical Specifications

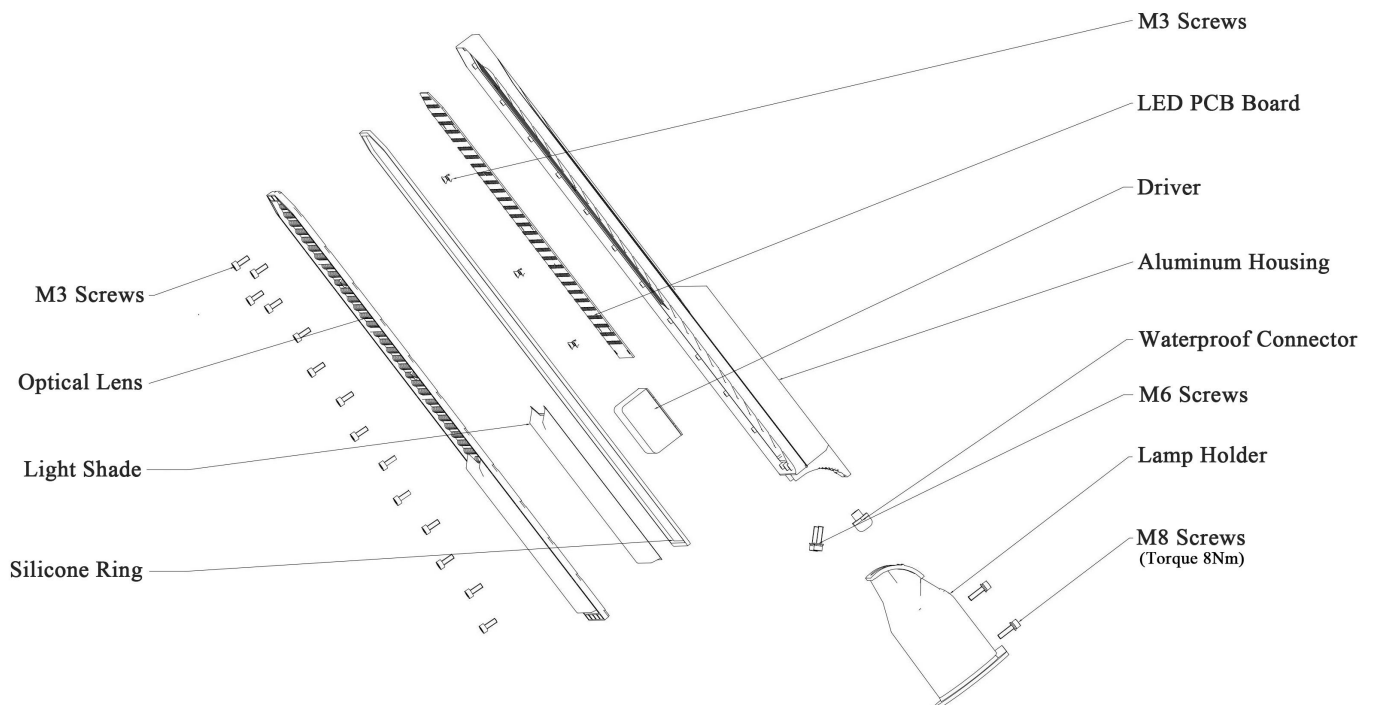


Model No.	LGS-SLIR-30W	LGS-SLIR-50W	LGS-SLIR-100W	LGS-SLIR-150W	LGS-SLIR-200W
Power	30W	50W	100W	150W	200W
Lumen Output	4,200lm	7,000lm	14,000lm	21,000lm	28,000lm
Lumen Efficiency	140lm/w				
CCT	3000/4000/5000/5700/6500K				
CRI	Ra>80(Ra>90 optional)				
Chip Brand	Lumileds SMD2835				
Beam Angle $\theta/2$	70°*140°				
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	Sosen/ZH				
Material	Aluminum Housing+Polycarbonate Lens				
Degree of Protection	IP66 & IK10				
Surge Protection	Driver 6KV & SPD 10KV				
Class of Insulation	Class I				
Dimensions	425*108*96mm	477*138*96mm	566*177*96mm	650*210*96mm	719*244*96mm
Net Weight(KG)	0.96kg	1.18kg	1.56kg	2.61kg	3.52kg
Package	1pcs/CTN				
Carton Size	455*147*103mm	520*168*103mm	596*210*103mm	680*236*103mm	755*286*103mm
Gross Weight(KG)	1.5kg	2.0kg	3.0kg	4.0kg	4.5kg
Finish	Silver				
Installation	Mounting				
Working Temperature	-35℃~+50℃				
Storage Temperature	-40℃~+70℃				
Certificate	CE, CB, RoHS				
Warranty	5 years				
Optional Functions	0-10V/PWM/DALI/Sensor Available on Request				

Light Distributions

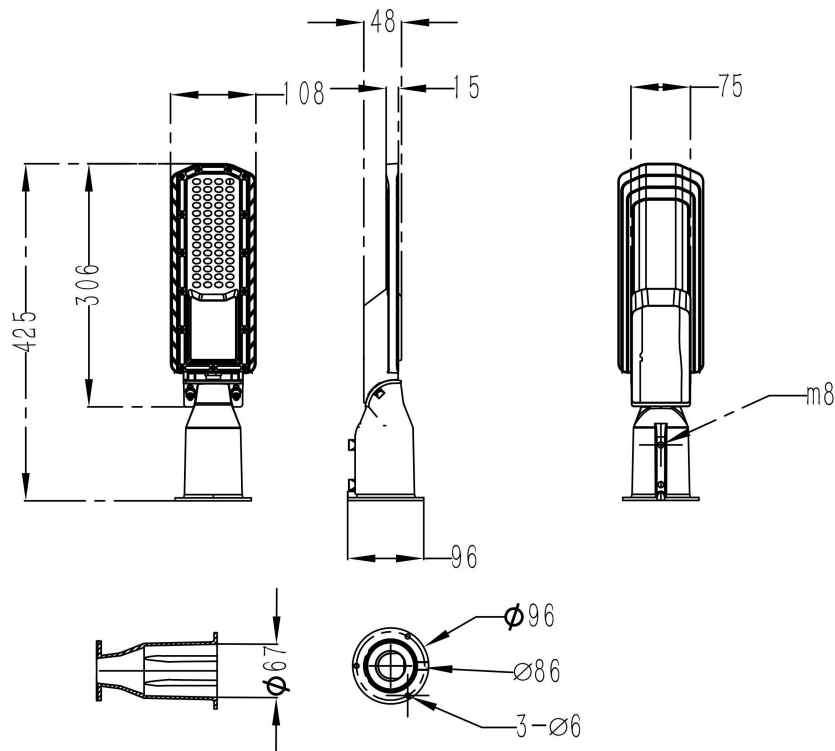


Explosion Drawings

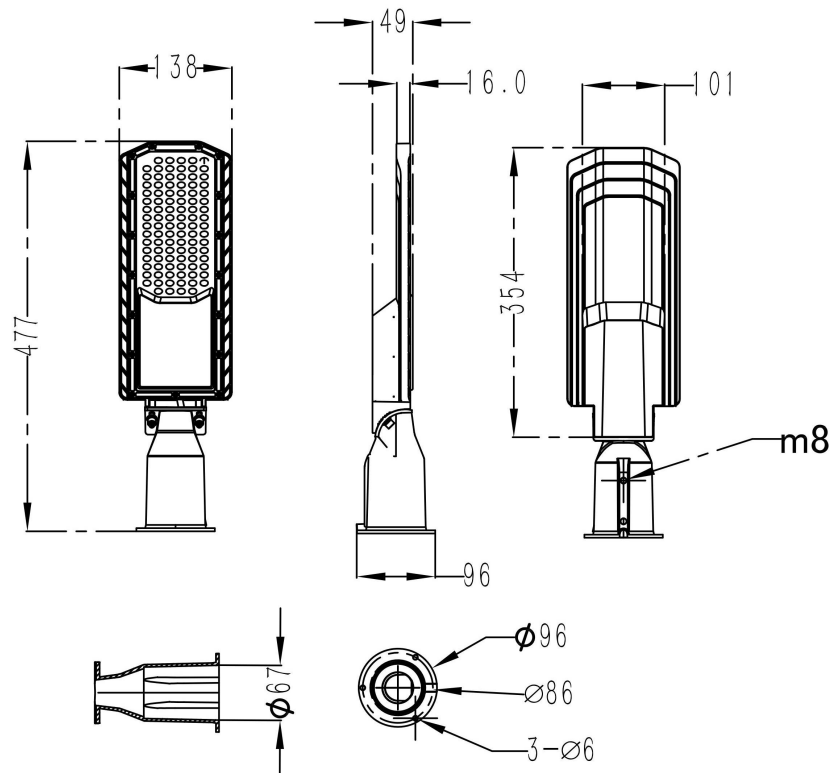


Dimensions and Drawings

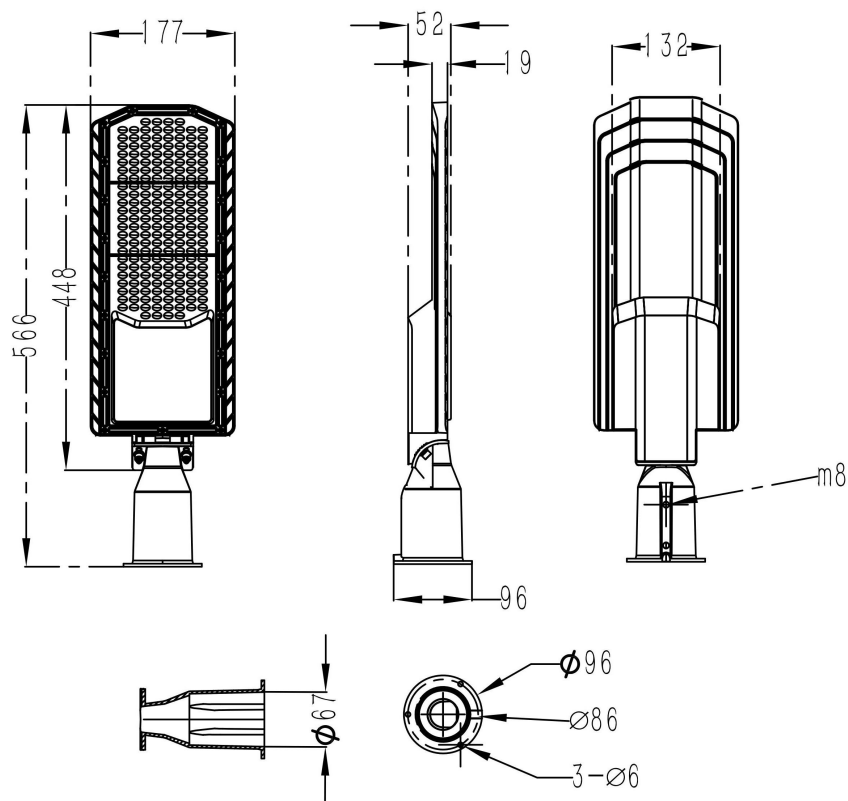
30W



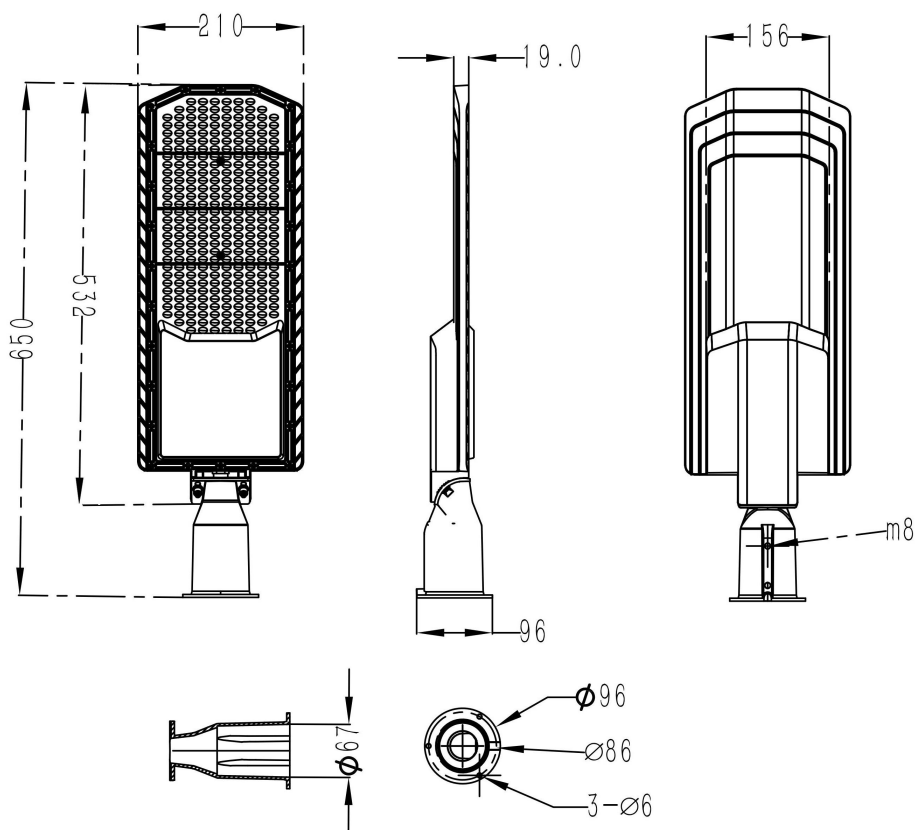
50W



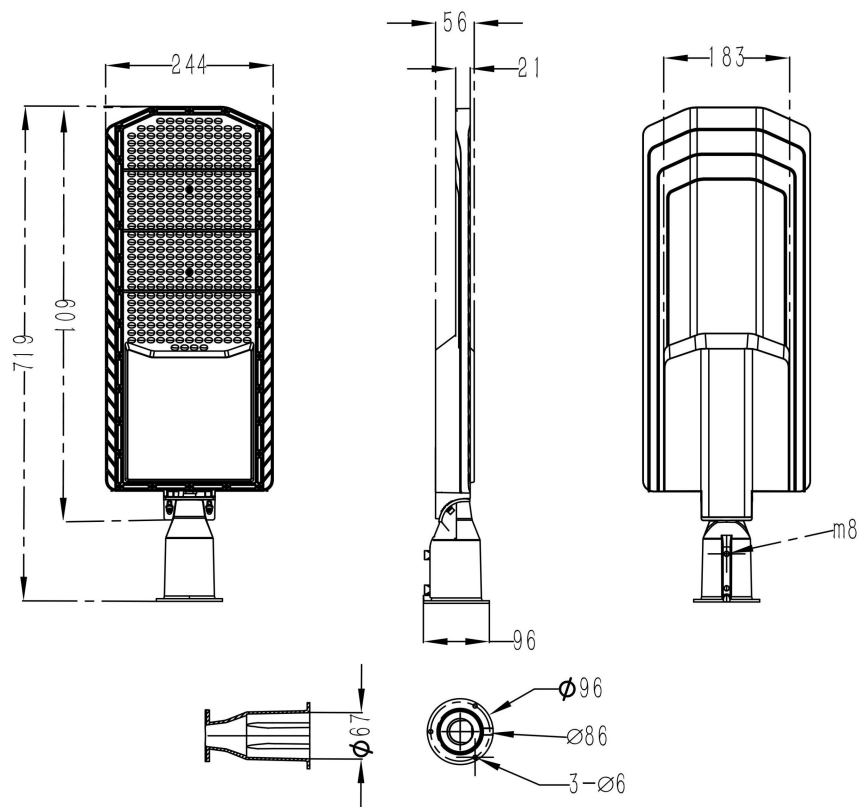
100W



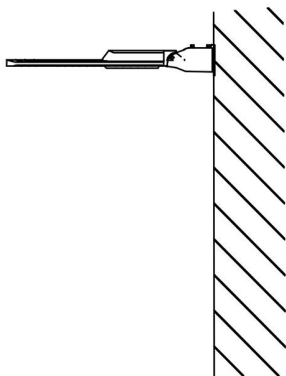
150W



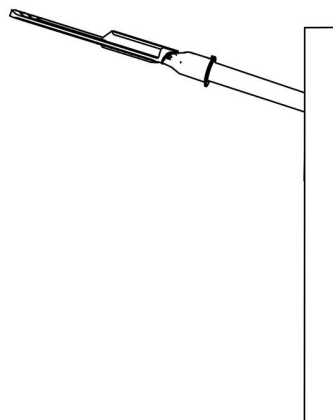
200W



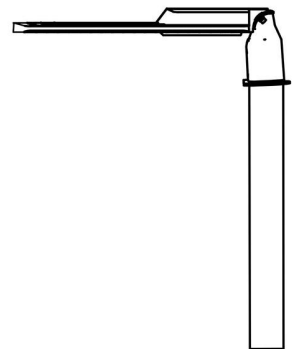
Installation



Wall Mounted



Pole Mounted



Pole Mounted

Optional Accessories



10KV Surge Protector



Photocell Sensor

Notice

1. Please first read the product specification carefully, and make sure the environment conforms to the specification, then it can be used;
2. Please confirm the input voltage and 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 a defective product and do not use;
5. Dangerous high voltage, non-professionals are not allowed to maintain the product;
6. If the external soft cable or soft wire of the light is damaged, it should be replaced by the manufacturer service agent or personnel with similar qualifications to avoid danger;

Applications

LED street lights are widely used in main road, high way, flyover, city street, overpass, sidewalk, square, school, residential district, industrial area, parking lot, etc.

