

# LED Street Light- Blade

30W/50W/60W/75W/90W/100W/120W/150W/185W/200W/240W/300W



**IP66**

**IK09**

Die casting aluminum housing and frame  
Finished with epoxy powder paint, resistant to corrosion  
Stainless steel screw  
Weatherproof and durable silicon rubber sealing gasket  
Instant start, no flickering, energy saving

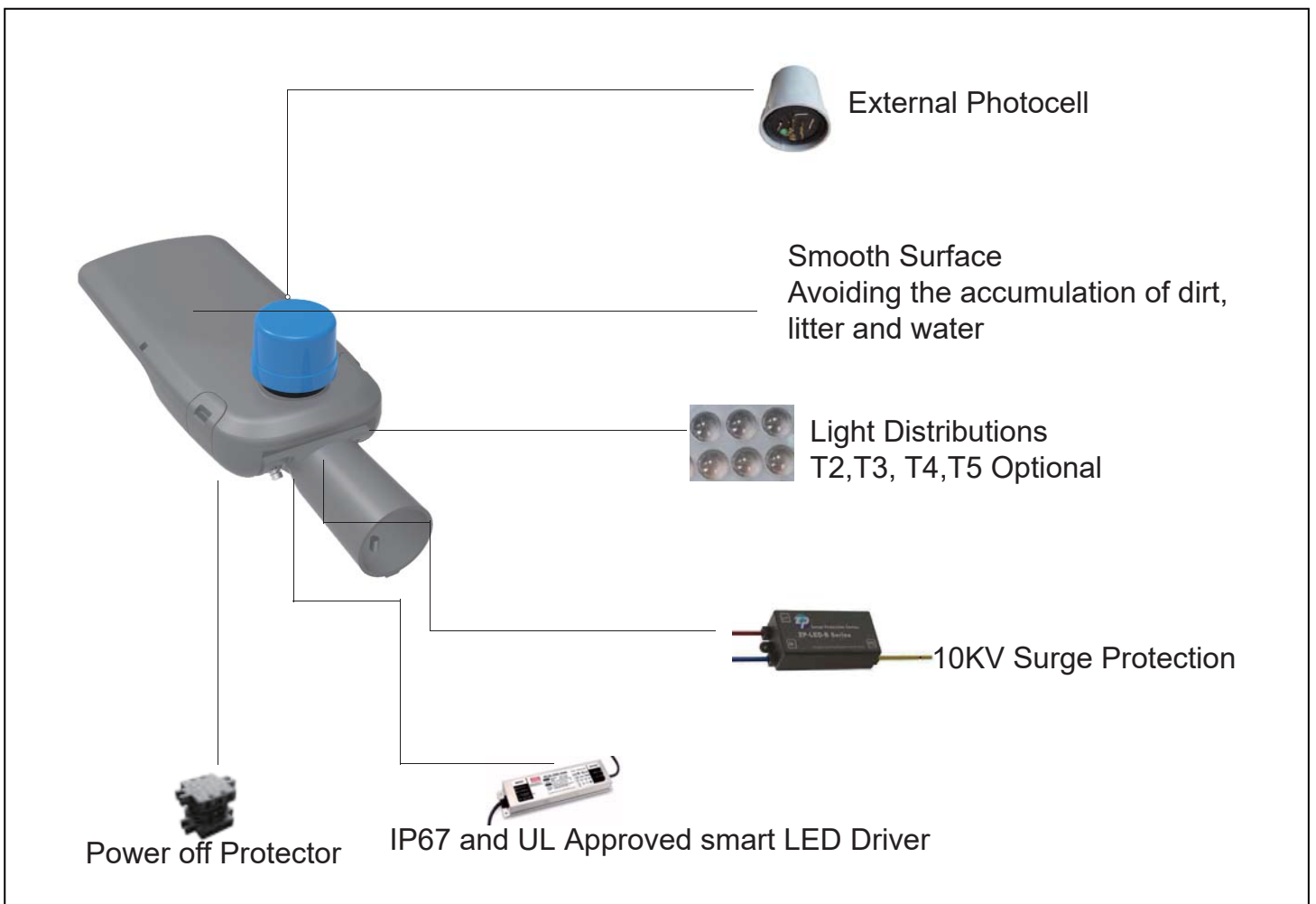


## Application

1. Street Lighting, Road Lighting, Roadway Lighting
2. Outdoor Area Lighting, High Mast Lighting
3. Parking Lot Lighting, Solar Lighting



## Components Details(Customized)



## Installation Options

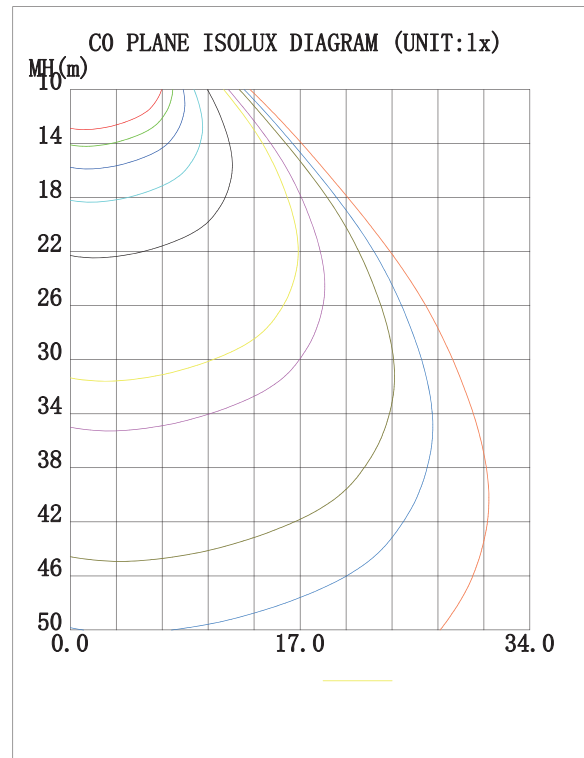
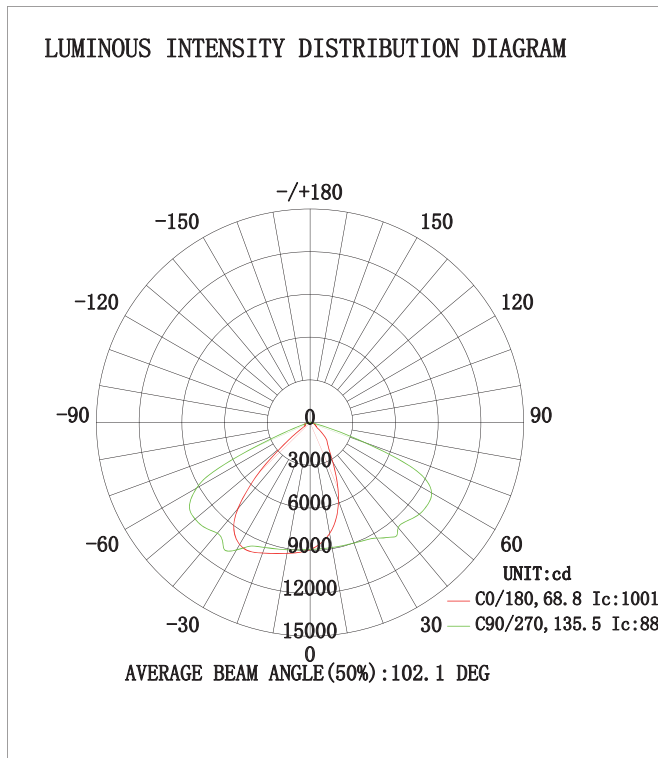


Side Entry Installation

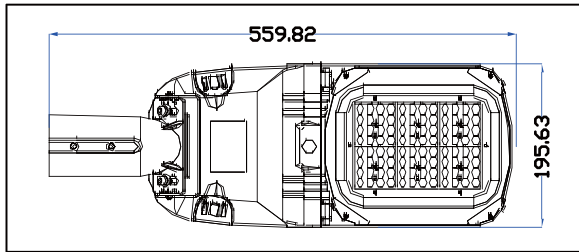


Pole Top Installation

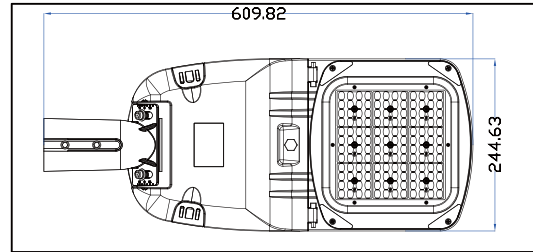
## Lighting Distribution



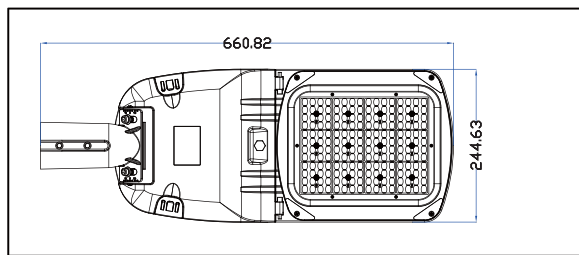
### Technical Parameters(mm)



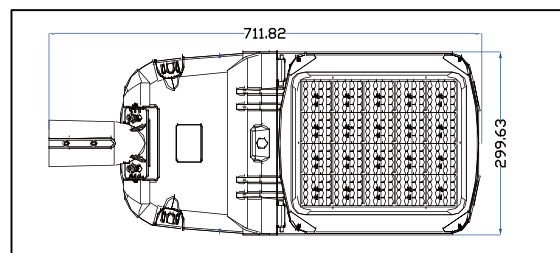
30W/50W/60W



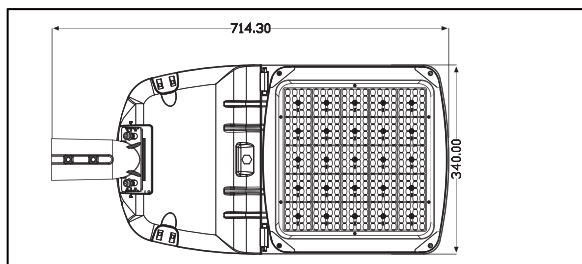
75W/90W/100W



120W/150W



185W/200W/240W



300W



## Technical Specification

### A: Technical Parameter

Power	30W/50W/60W	75W/90W/100W	120W/150W	180W/200W/240W	300W
Dimension	559.82*195.63*98.5 mm	609.82*244.63*98.5 mm	660*244*98.5 mm	711*299*98.5 mm	714.3*340*97.5 mm
Voltage	AC100- 277V~50/60HZ				
LED Driver	Sosen UL Approved				
Surge Proction Rate	Additional 10KV/20KV optional(Default 6KV)				
Dimmable	1-10V Dimming Optional				
LED	Philips Lumileds 3030 / Osram 5050				
Lumen (±10%)	130lm/w(3030SMD) & 150lm/w(5050SMD)				
Color Temperature (CCT)	4500K-5500K(Customized)				
Beam Angel	T2, T3, T4, T5				
Color Rendering Index (CRI)	Ra >80				
Power Supply Efficiency	>95%				
Mounting Device	Compatible to diameter of 45-60mm				
Power Factor (PF)	>0. 95				
Total Harmonic Distortion (THD)	≤15%				
IP Rank	IP 65				
Certificate	C-TICK, SAA, CE, CB				
Material	AL+PC				

### B: Environmental

Temperature Range Operating	-20℃ to 50℃
Humidity Range Operating	10% to 80%
Temperature Range Storage	-40℃to 65℃
Humidity Range Storage	10% to 80%

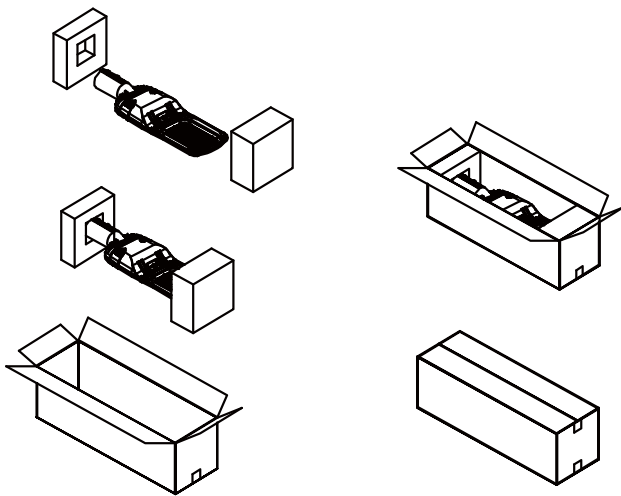
## Packing

### A: Packing Information

Item	30W	50W	60W	75W	90W	100W
Box Size(mm)	595*225*160	595*225*160	645*275*160	645*275*160	645*275*160	645*275*160
G.W.	4.1	4.5	5.1	5.3	6.2	6.5
QTY/Box	1pc	1pc	1pc	1pc	1pc	1pc

Item	120W	150W	180W	200W	240W	300W
Box Size	695*275*160	695*275*160	745*330*160	745*330*160	745*330*160	750* 370* 160
G.W.(Kg)	7.5	7.8	9.4	9.4	9.4	10.5
QTY/Box	1pcs	1pc	1pc	1pc	1pc	1pc

## Packing



## Compliance and Standards

### 1. Insulation Resistance

The IR shall be at least 50MΩ when apply 500Vdc between primary and secondary

### 2. Dielectric Strength (Hi -pot)

Input To Output 3750Vac 60Hz 1minute  $\leq 3\text{MA}$

When AC voltage of 3.75KV is applied, and the voltage applied to the insulation under test is gradually raised from zero to the prescribed voltage in 1s, and held at that value for 60s between the inputs. and output and between the input and housing, the current sensitivity shall be less than 5mA. After this test, the adapter shall exhibit no electrical and mechanical abnormalities.

### 3. Leakage Current

The leakage current shall be less than 0.25mA for class II when power supply is operated maximum input voltage and maximum load.

### 4. Safety Standard

34A-1501NP IEC:60598-1:2008 IEC61347-1/A1:2010 IEC61347-2-13:2006 IEC62031:2008

IEC62471:2006 IEC62471-2:2009: Passed

EN60598-1/A11:2009 EN61347-2-13:2006 EN61347-1/A1:2011 EN62031:2008 EN62471

EN61195:1999 EN62493:2010: Passed

### 5. EMI/EMS Standard

EN55015:Passed

EN61000-3-2:Passed

EN61000-4-2:Passed