

# LED Street Light-A

40W / 60W / 100W / 120W / 150W / 180W / 200W / 240W / 320W



IP67

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

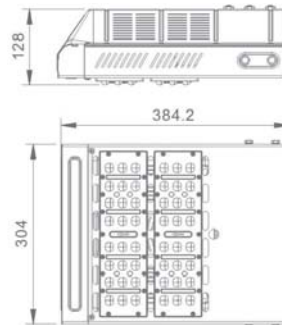
1. Street Lighting, Road Lighting, Roadway Lighting
2. Outdoor Area Lighting, High Mast Lighting
3. Parking Lot Lighting, SOLar Lighting



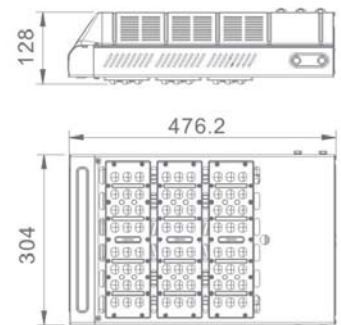
## Dimension (Unit: mm)



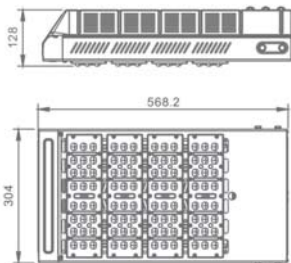
30W-40W



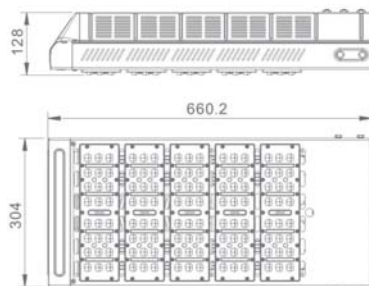
60W-100W



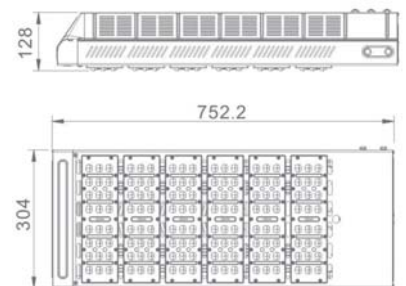
120W/150W



180W/ 200W



240W



300W

## Technical Specification

### A: Technical Parameter

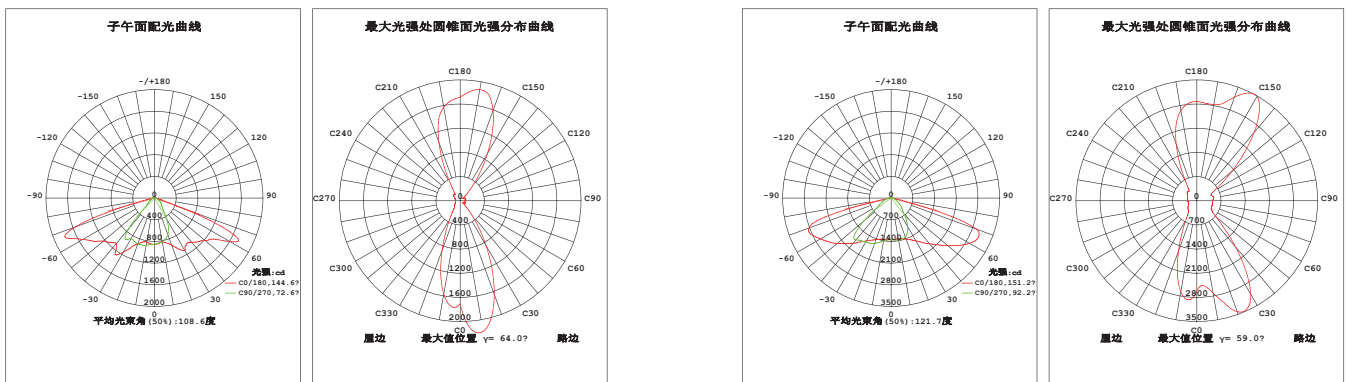
Item	LLDST-40W-A	LLDST-100W-A	LLDST-150W-A
Dimension	304*292*128 mm	304*348*128 mm	304*476*128 mm
Voltage	AC85V- 265V~50/60HZ		
Power	<b>30W-40W</b>	<b>60W-100W</b>	<b>120W/150W</b>
LED Driver	HLG-40H	HLG-60H/80H/100H	HLG-120H/150H
LED Type	Lumileds		
LED Quantity	56pcs	112pcs	168pcs
Lumen (±10%)	3900-5200lm	7800-13000lm	15600lm/19500lm
Color Temperature (CCT)	4500K-5500K		
Beam Angel	120°		
Color Rendering Index (CRI)	Ra >80		
Power Supply Efficiency	>95%		
LED Luminous Efficiency	>130lm/W		
Power Factor (PF)	>0. 95		
Total Harmonic Distortion (THD)	≤15%		
IP Rank	IP 67		
Certificate	C-TICK, SAA, CE, CB		
Material	AL+PC		

Item	LLDST-180W-A	LLDST-240W-A	LLDST-300W-A
Dimension	304*568*128 mm	304*660*128 mm	304*752*128 mm
Voltage	AC85V- 265V~50/60HZ		
Power	<b>180W /200W</b>	<b>240W</b>	<b>300W</b>
LED Driver	HLG-185H/240H	HLG-240H	HLG-320H
LED Type	Lumileds		
LED Quantity	224pcs	280pcs	336pcs
Lumen (±10%)	23400lm/26000lm	31200lm	39000lm
Color Temperature (CCT)	4500K-5500K		
Beam Angel	120°		
Color Rendering Index (CRI)	Ra >80		
Power Supply Efficiency	>95%		
LED Luminous Efficiency	>130lm/W		
Power Factor (PF)	>0. 95		
Total Harmonic Distortion (THD)	≤15%		
IP Rank	IP 67		
Certificate	C-TICK, SAA, CE, CB		
Material	AL+PC		

### B: Environmental

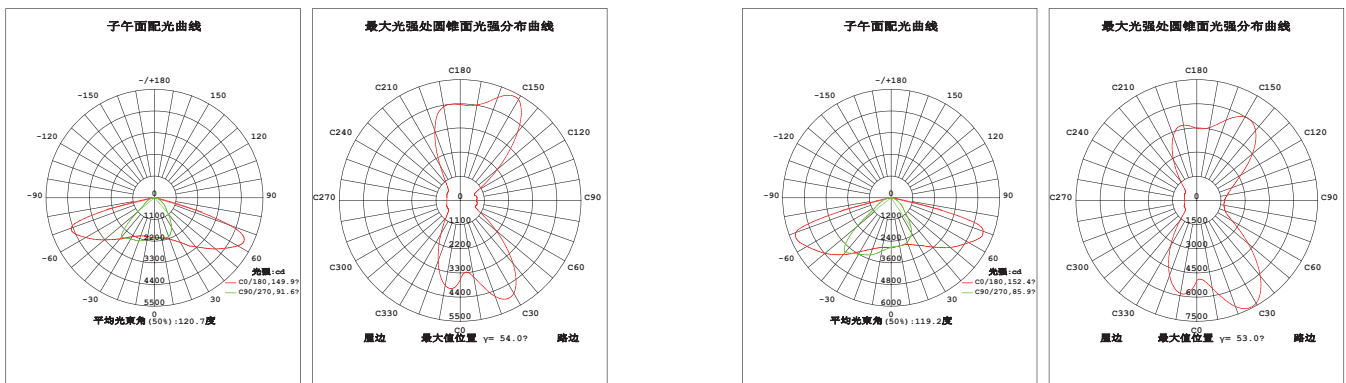
Temperature Range Operating	-20°C to 50°C
Humidity Range Operating	10% to 80%
Temperature Range Storage	-40°C to 65°C
Humidity Range Storage	10% to 80%

### Plane Isolux Curve & Illumination Cone Curve



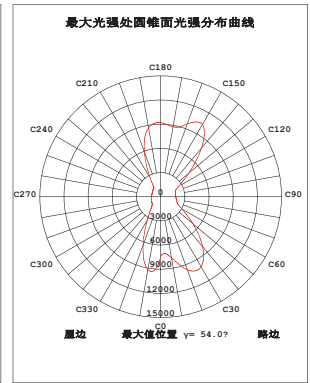
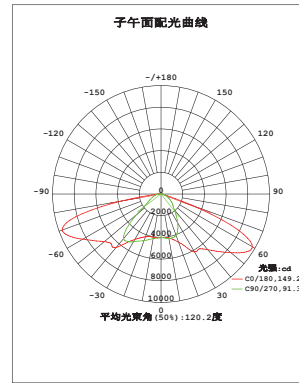
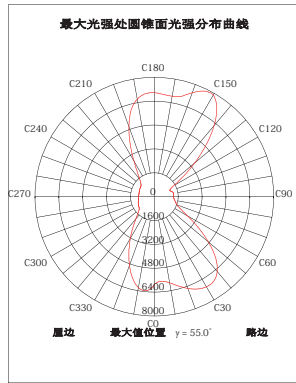
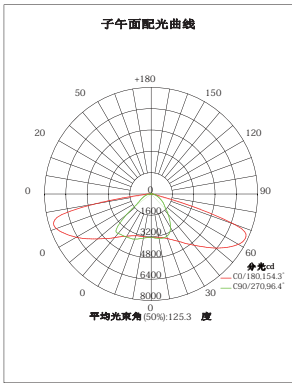
30W

60W



90W

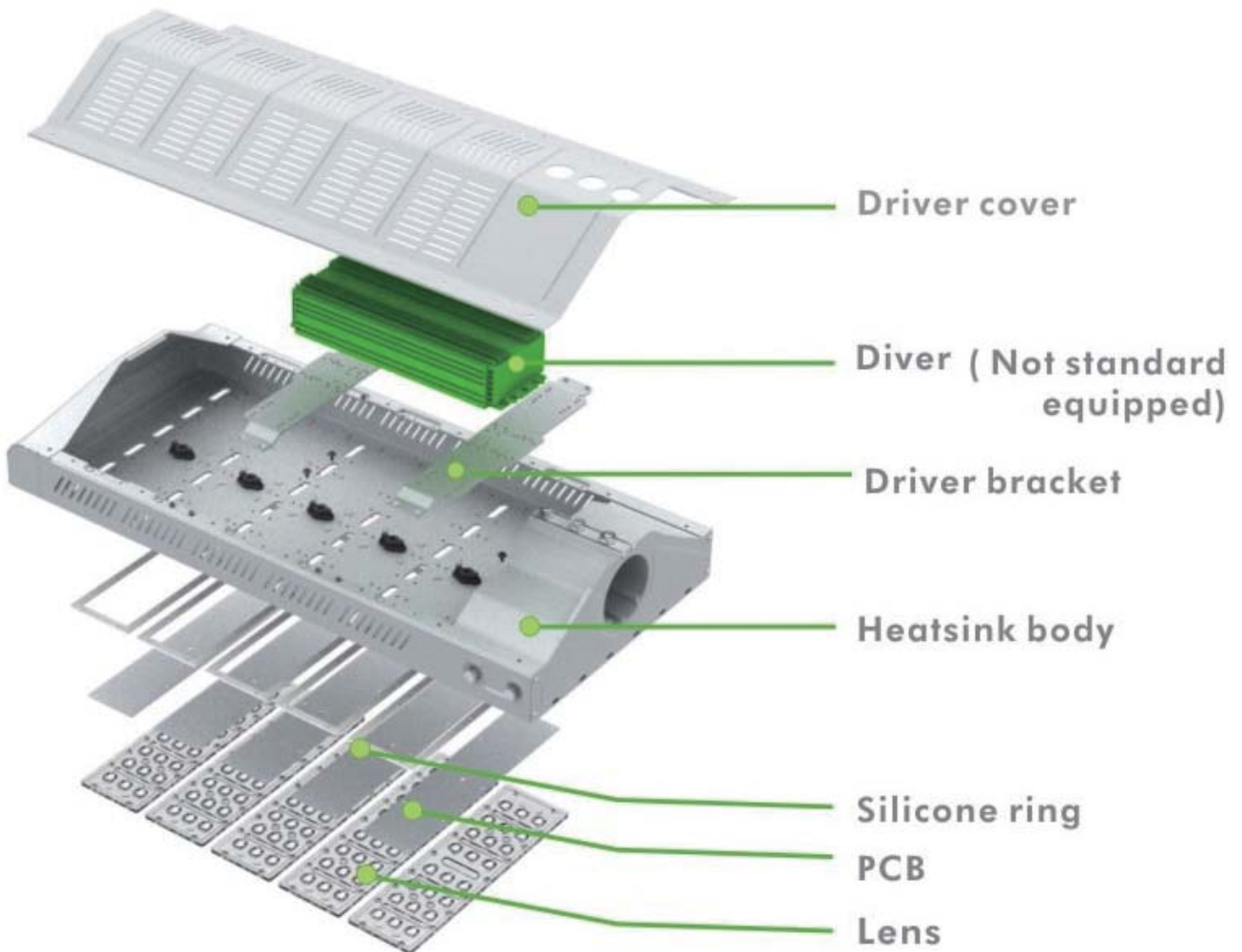
120W



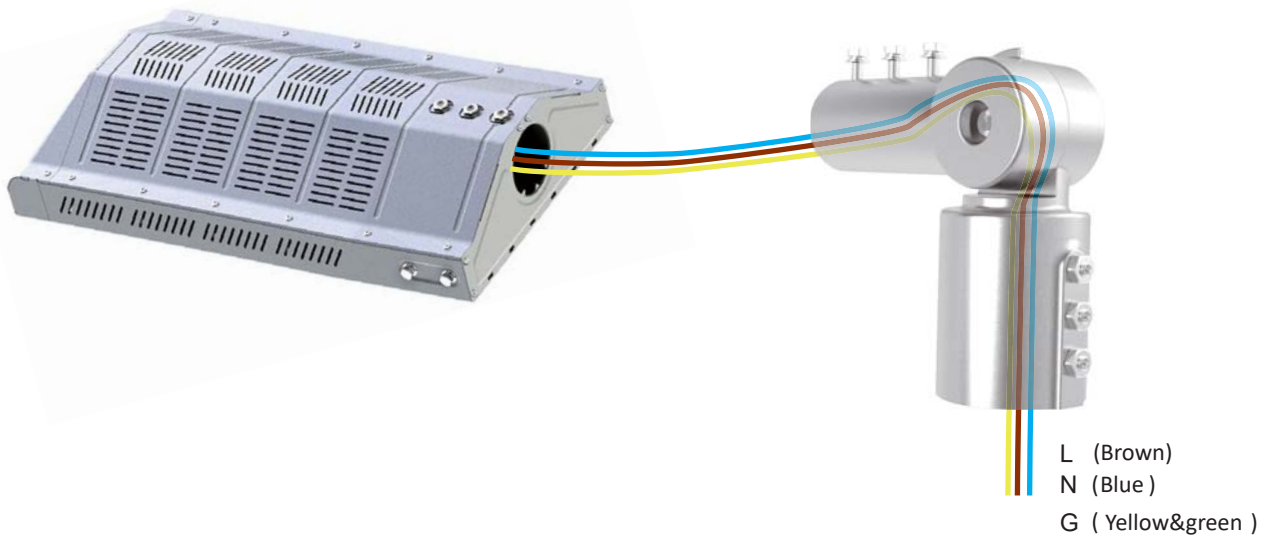
150W

180W

## Layers



## Installation



Step1:  
Cut off power  
put-in circuit

Step2:  
Put into the pole,  
tighten the screws, fixed lamp

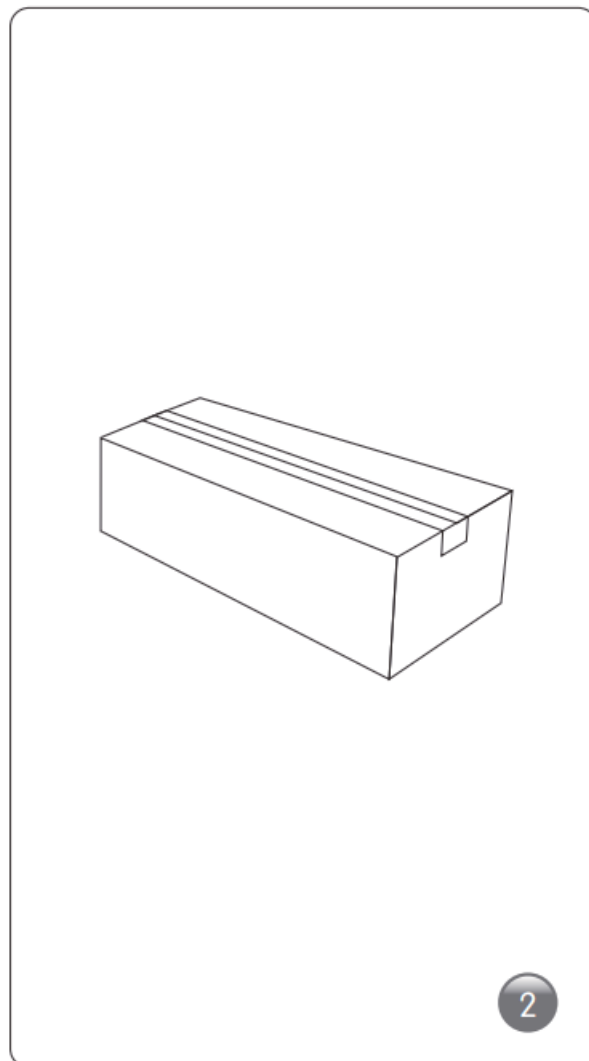
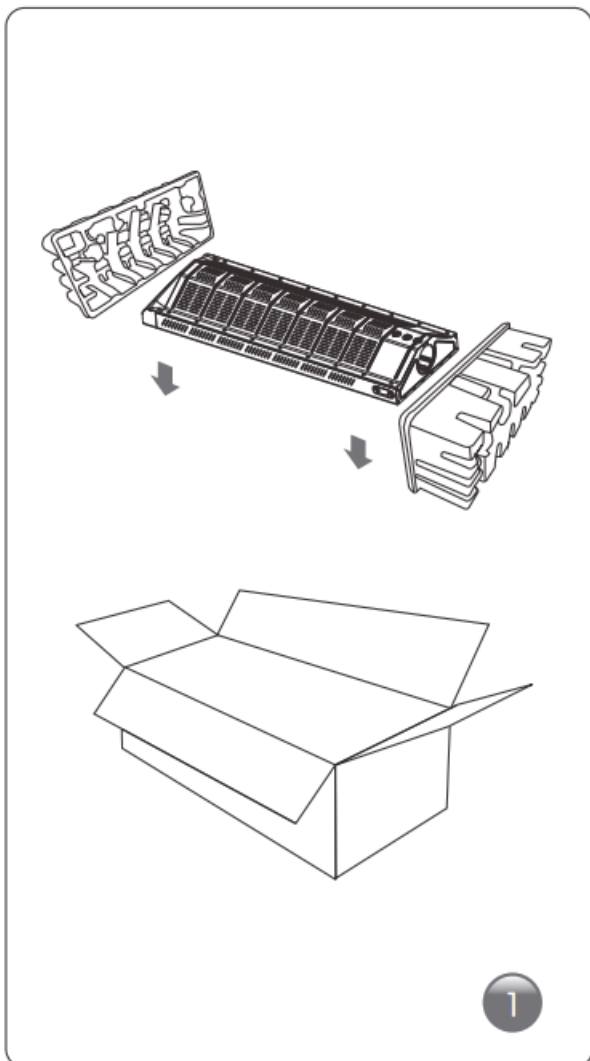
Step3:  
Adjust the lamp's arm  
up to suitable angle complete  
installtion, turn on circuit



# Packing

## A: Packing Information

Item	1 Model	2 Model	3 Model	4 Model	5 Model	6 Model
Box Size	34.5*39.5*19.5 cm	43.5*39.5*19.5	52.5*39.5*13.5 cm	62*39.5*13.5 cm	71.5*39.5*13.5 cm	80.5*39.5*13.5 cm
G.W.						
QTY/Box	1pcs	1pcs	1pcs	1pcs	1pcs	1pcs



## Compliance and Standards

### 1. Insulation Resistance

The IR shall be at least 50M $\Omega$  when apply 500Vdc between primary and secondary

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

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

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 0.25m A for class II when power supply is operated maximum input voltage and maximum load.

### 4. Safety Standard

3A-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 EN62471:2008  
EN61195:1999 EN62493:2010: Passed

### 5. EMI/EMS Standard

EN55015:Passed  
EN61000-3-2:Passed  
EN61000-4-2:Passed