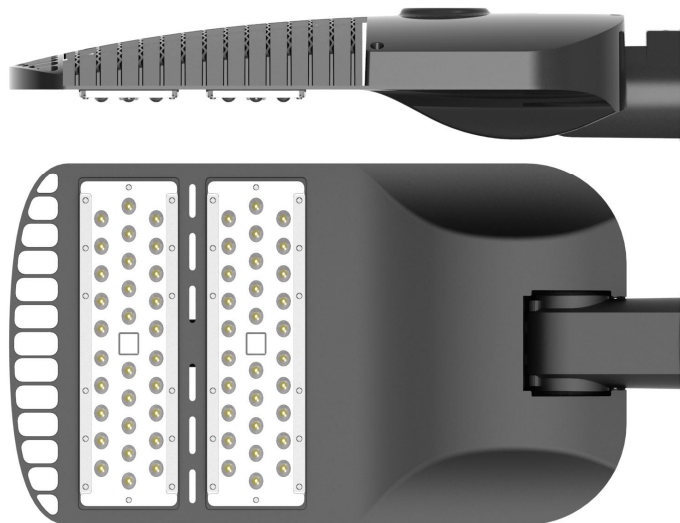


SPECIFICATION

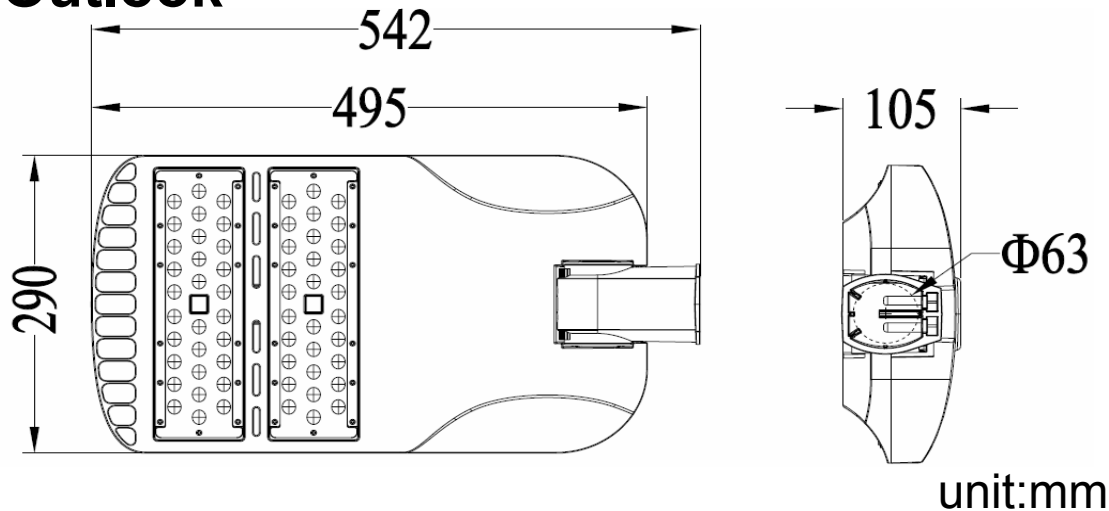


Product Name : LED Street Light

Part No: SE-80-120 (PW (WW NW)

Approval No : 20171212006

1. Outlook



2. Application

Suitable for the street lighting at highways, urban roads and secondary roads, stadiums, sidewalks, residential areas, industrial areas, squares, parks, schools, villas, gardens and other places.

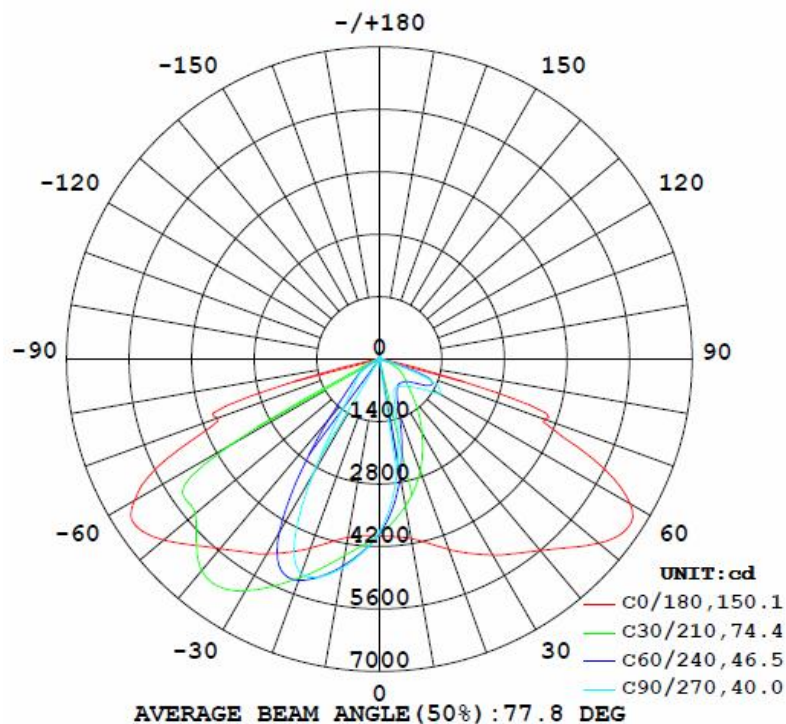
3. Features

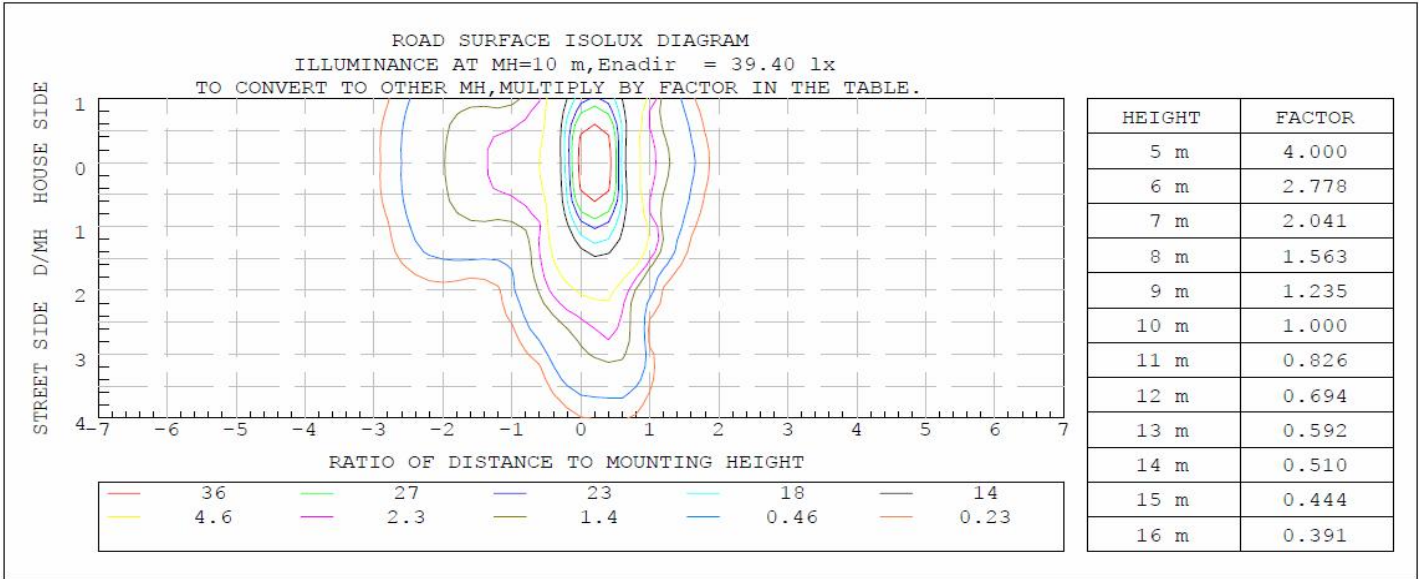
- | Absolutely unique mold, make your lighting special and fantastic.
- | Perfect Light Distribution Solution: Adoption of integrated shell optic lens, enhance the brightness and illumination uniformity.
- | Anti-glare and uniform light level to avoid any visual discomfort.
- | high quality power supply, input voltage 100-277V. The power efficiency is more than 90%, power factor greater than 0.98.
- | Adopting L U X E O N 3030/ led light sources and INUI LED lens technology, 8% light efficiency higher than the same type lights in the market, higher light transmittance up to 98%.
- | Duct type thermal design, reduce the weight of the light and ensure good heat dissipation, lower luminous decay, and also extend life span of the leds. Adopting the popular CHEM modular design, effectively reduce the following maintenance cost.
- | Low energy consumption, matching high efficiency constant-current driver, 60% energy saving; with good resistance to over-current, over-voltage, lightning, high temperature, which fully ensure long life span and high stability of the products.
- | Durable lights with long life span up to 50000 hours; No need frequent replacements of lights and regular maintenance.
- | Green environmental protection, no UV light and infrared radiation, no mercury pollution.
- | Nice appearance and non-fouling properties, Protection class IP66.
- | Work without strobe, fast transient response; A wide range of working voltage.

4. Specification

Par NO Parameter	SE-100PW	SE-100WW	SE-100NW
Inptut voltage	AC90V~305V 50/60HZ		
Sysem consumption(W)	100	100	100
Luminous flux(lm)	12500	11500	12200
Chip Brand	LUXEON 3030 / OSRAM3030	LUXEON 3030 / OSRAM3030	LUXEON 3030 / OSRAM3030
Beam Angle	150*65 DEG	150*65 DEG	150*65 DEG
CRI	>70		
Color Temperature	Warm white:2700-3200K / Neutral white:4000-4500K / Pure white:5000-6500K		
LED Driver	MEANWELL HLG-100H / ELG-100		
Luminous efficiency(lm/w)	> 125		
Lifespan(hrs)	>50000		
IP Rating	IP66		
Dimmable	YES&NO	YES&NO	YES&NO
Size(mm)	542x290x105	542x290x105	542x290x105
Net Weigh(kg)	5.8	5.8	5.8
Package Size(mm)	600*350*160	600*350*160	600*350*160
Package Quantity(Pcs)	1	1	1
Gross Weigh(kg)	7.1	7.1	7.1

5. Distribution Curve (100W)





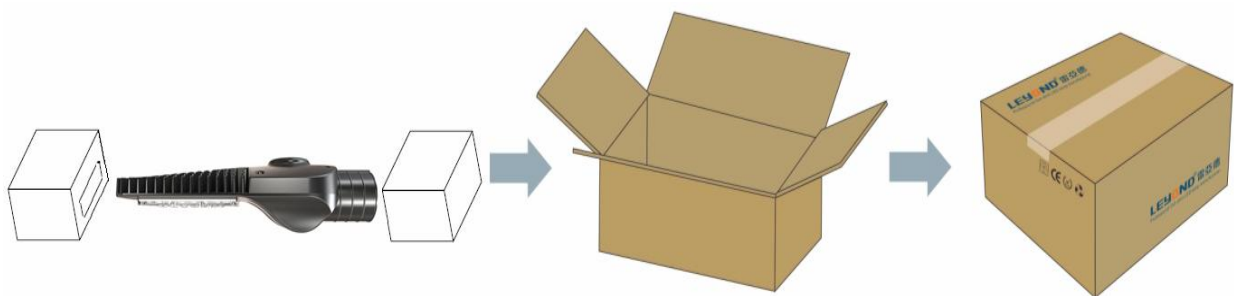
6. Operation and Storage Condition

- I Operation Ambient Temperature -20 to +50°C, Relative Humidity 20~90%
- I Input Voltage 90~305V AC, 50/60Hz
- I Storage Ambient Temperature -20 to +60°C, Relative Humidity 5~95%
- I Mounting Height : Suitable for 6~12m height

7. Package

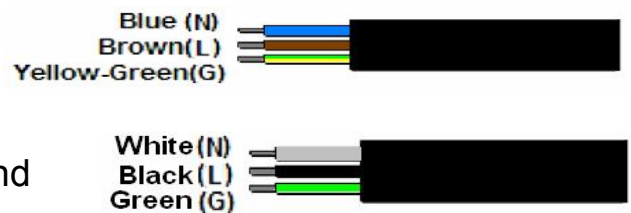
Inner box Size: 600mm×350mm×160mm

Outer box Size: 620mm×360mm×360mm (2 PCS LED Street Light)



8. Assembly –Electricity

- Ø Brown : Line / Black: Line
- Ø Blue:Neutral / White: Neutral
- Ø Yellow-Green : Ground / Green: Ground



9. Optional function

1) Daylight automatically controlling ON / OFF

- Ø Turn-On Light Level: 10 Lux or at customer's request
- Ø Turn-Off Light Level: 50 Lux or at customer's request
- Ø Turn-On Time Delay: 10-15s
- Ø Turn-Off Time Delay: 10-15s



2) Special Project Zigbee remote communication controlling

ZIGBEE controller conforms to IEEE802.15.4 protocol of ZIGBEE communication standard. It has the advantages of remote communication, strong anti-interference capability and flexible networking, realizing peer-to-peer and peer-to-multi peer transparent data transmission among devices, and constructing star network or mesh network topology.

ZIGBEE controller consists of a current and voltage measurement circuit, which collect real-time load performance and power consumption of street light.



10. Warning

- I Do Not Use Other Devices for LED Street Light ,Installation Such as Stabilizer, Regulator ...etc
- I Do Not Open the Light Engine
- I Do Not Soak the LED Street Light into Water
- I Do Not Light up the System Without Grounding
- I 1-10V dimming need to be customized