



## Specification For LED Street Lamps

**PRODUCT NAME:** LED Street Lamps

**PART NO:** SRSL030W-230V



## Description:

- ★ Excellent Street Lighting for safer, clearer and more uniform road environment.
- ★ This product waterproof and dustproof level 65. Can be used in various of places.
- ★ Green lighting source is not only reliable and durable, but also low maintenance cost.
- ★ Adopted 2835/3030 SMD Led light source, Large-Size Chip with High brightness and low light fades, Enough Current margin, Led chip Rated current 150mA, actual use only 120mA, Extend led Lights lifespan and increase Light Efficiency.
- ★ Adopted Superior Driver, Universal AC Input/Full range up to AC 220-240V. Protection function: short circuit/over current/over voltage/over temperature, Built-in. active PFC function,  $PF \geq 0.95$  and Conversion efficiency  $\geq 90\%$
- ★ Warm/pure/cool white all available
- ★ Integrated fixture structure, Air convection design for reliable lifetime.

## Application Areas



Streets



Urban areas



Roads



Motorways



Parking areas



Pedestrians crossings



Used in various roads, parking lots, sports fields, parks, courtyards, and other outdoor places.

- Light controller (optional)
- 1-10V Dimming (optional)
- Lightning protection
- Lumileds/ Philips Leds/ Sanan Leds
- ZHIHE LED Driver
- System efficacy is up to 130~150LM/W
- Surge protection-SPD level of 10KV.

## Light controller (optional)



## Light Controller Style



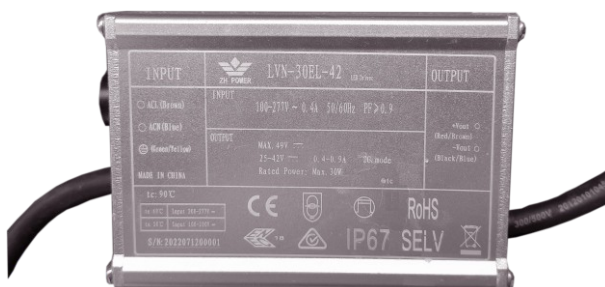
## Common Style



## LED and lens detail



## LED Driver



## Lightning arrester



## Product Photos

**30W**



**Front**



**Back**



**Side**

## Installatio

### ① Wiring, as shown in Figure 1.

AC input: L (brown or red)- firewire, N (blue or black)- neutral,(yellow-green)-ground line;

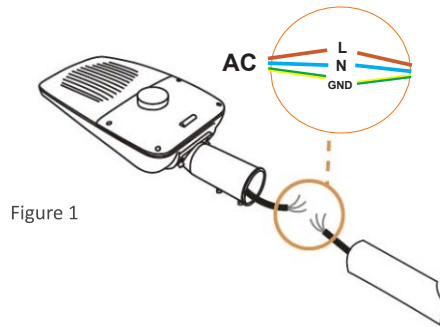


Figure 1

### ② Install the pole, as shown in Figure 2.

Put the pole into the lamp arm and fix the screw with a hex wrench. Be careful not to lock it;

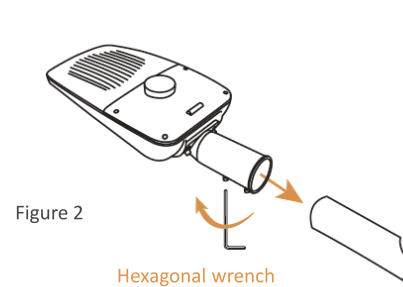


Figure 2

Hexagonal wrench

### ③ Adjust the angle as shown in Figure 3.

Adjust the lamp body horizontally to make the lamp body and the ground Vertically, tighten the screws with a hex wrench;

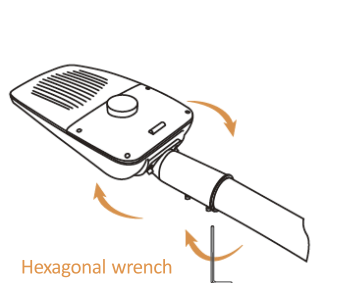


Figure 3

Hexagonal wrench

### ④ Install the Photocontrol, as shown in Figure 4.

Place the photocontrol on the lamp body and lock it;

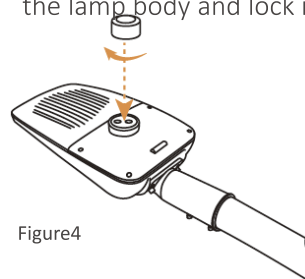


Figure 4

### ⑤ Assembly is completed, as shown in Figure 5.

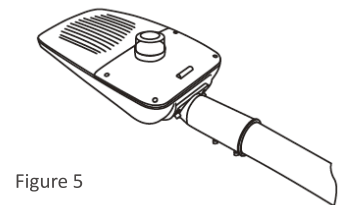
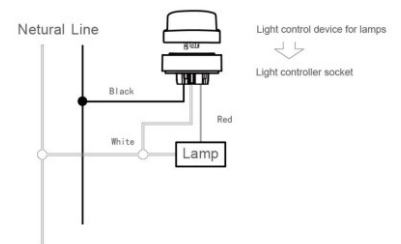
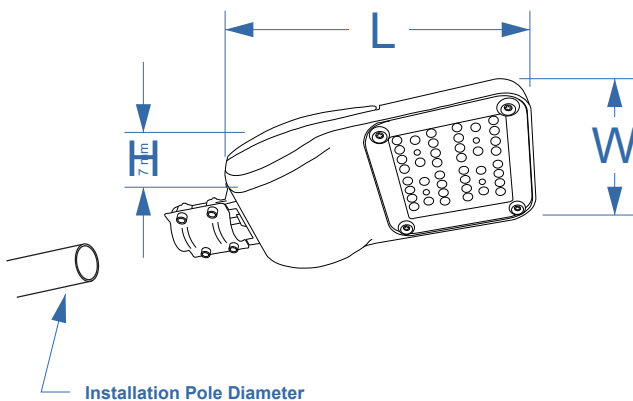


Figure 5

if with light controller



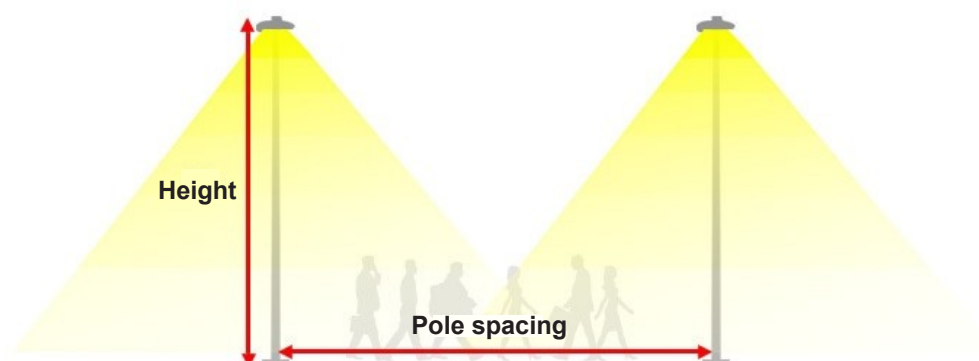
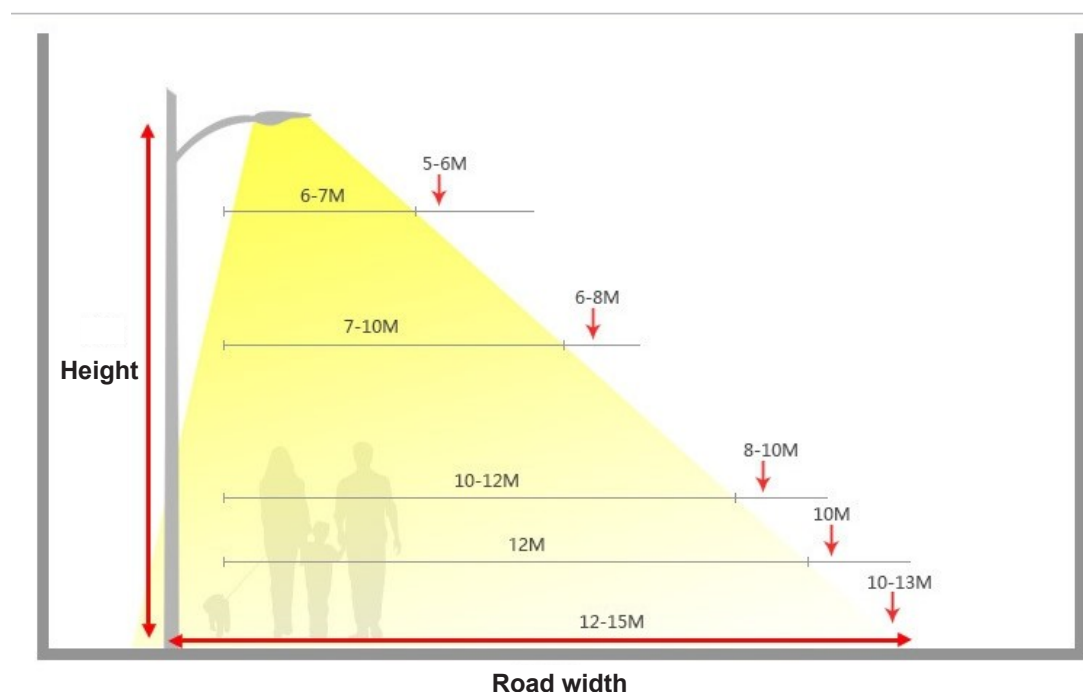
## Dimensions(Unit:mm)



Installation Pole Diameter

Model	Power	Product Size	Installation Pole Diameter
SRSLO30W-230V	30W	L260xW150xH65mm	Φ40mm

## Installation suggestions



No.	Height of pole	Pole spacing	Road width	LED street lamp power
1	3-5M	5-10M	3-6M	30W
2	5-6M	5-20M	6-7M	60W
3	6-8M	18-24M	7-10M	100W
4	8-10M	24-30M	10-12M	150W
5	10-13M	30-39M	12-15M	200W

The above information is for reference only.



## Product Specifications

Driver brands: ZHIHE

Optional LED brands: Lumileds/ Philips Leds/ Sanan Leds

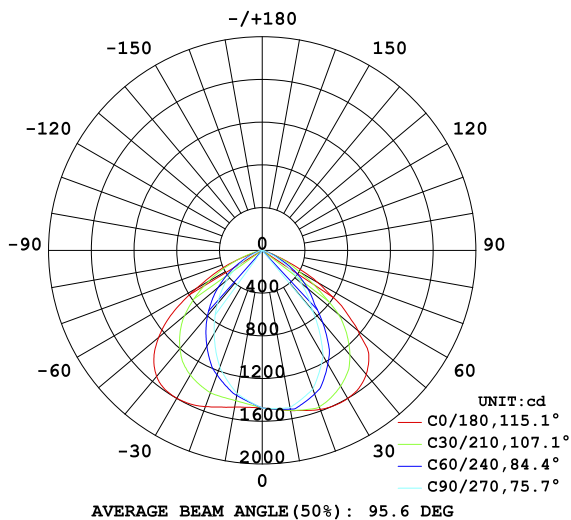
Product	SRSL030W-230V		
Norminal Wattage	30W		
LED Qty	40 PCS		
Input Voltage	AC220-240V 50/60Hz		
Luminaires Class	Class I		
LED Brand	Lumileds/ Philips Leds/ Sanan Leds 2835SMD/3030SMD		
Driver Brand	ZHIHE		
Operating Temperature	-20℃ to+ 50℃		
Power Factor(PF)	≥0. 95		
THD	<20 %		
CCT	3000K (Warm White)	4000K (Nature White)	6000K (Cool White)
Lumen Output (+/- 5%)	3900lm ±10 %	4500lm ±10 %	4500lm ±10 %
Luminaire efficacy (+/- 5%)	130LM/W ±10 %	150LM/W ±10 %	150LM/W ±10 %
Beam Angle	135° x70°		
CRI	≥70 Ra		
Rating	IP65		
Material	Die-cast aluminum + optical glass		
Suit for Light pole	Φ40		
Shell Color	Gray other RAL colors available on request		
Accessories (Optional)	Common	Light controller	
Product Size(mm)	L260xW150xH65		L260xW150xH135
Packaging Type	1*10layer=10PCS/carton		1*10layer=10PCS/carton
Packaging size(mm)	L395xW365xH390		L745xW365xH390
N.W.	13.9KG		16.8KG
G.W.	15.8KG / Carton		18.7KG / Carton
Lumen Maintenance	> 50,000 hours-L <sub>70</sub> at 25 °C		
Certifications	CE、RoHS		

The tolerance range of test data above is 6%, but normally warm white is ±8%.

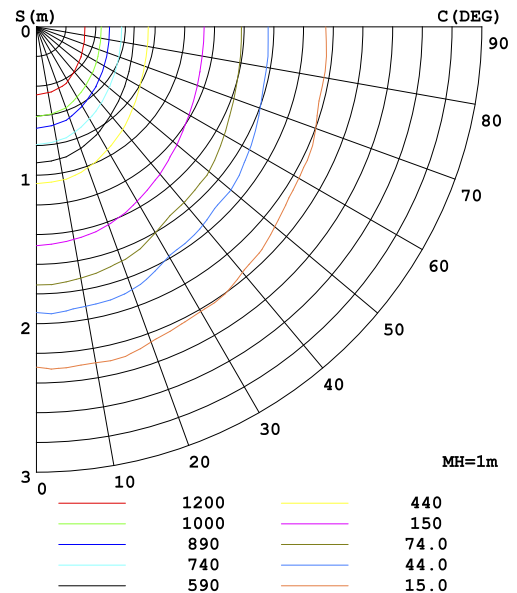
## Test report

MODEL:SRSL030W-230V

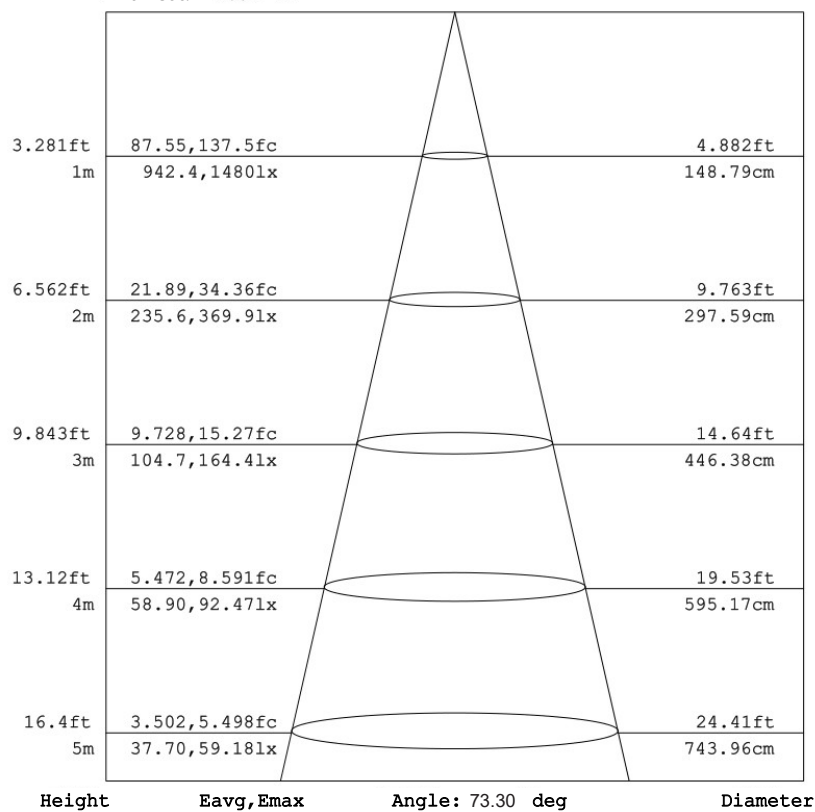
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



Flux out: 1681 lm





## Packing Info

### Common Style

①



②



1 PCS



③



10 PCS

### Light Controller Style

①



②



1 PCS



③



10 PCS

#### Cautions:

- 1.This product must be installed by professionals;
- 2.If there is any damage on the power line or shell, it should be taken as defective product and should not be used;
- 3.High voltage, non-professionals are not allowed to install, disassemble the product or connect wires.