

Tsong®

Link **LED**



OSRAM LED Drivers
5 years warranty(8hrs/day)



Specification For LED Street Lamps

PRODUCT NAME: **LED Street Lamps**

PART NO: SRSL060W-230V SRSL100W-230V
SRSL150W-230V SRSL200W-230V



Description:

- ★ Excellent Street Lighting for safer, clearer and more uniform road environment.
- ★ This product waterproof and dustproof level 66. 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 Ledlight source, Large-Size Cchip 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 OSRAM 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>0,95 and conversion efficiency >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

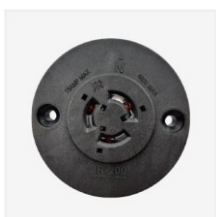


Used in various roads, parking lots, sports fields, parks, courtyards, and other outdoor places.

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- Light controller (optional)
- 1-10V Dimming (optional)
- Lightning protection
- Lumileds/ Philips Leds/ Sanan Leds
- OSRAM LED Driver
- System efficacy is up to 150~170LM/W
- Surge protection-SPD level of 15KV/20KV.

**Light controller
(optional)**



**16Lux turn on
25Lux turn off**

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150~170LM/W



LED and lens detail



OSRAM LED Driver Inside



CE IP67 SELV



Lightning arrester



Product Photos

60W



100W



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⊞ ⊗ ⊕

Product Photos

150W



200W

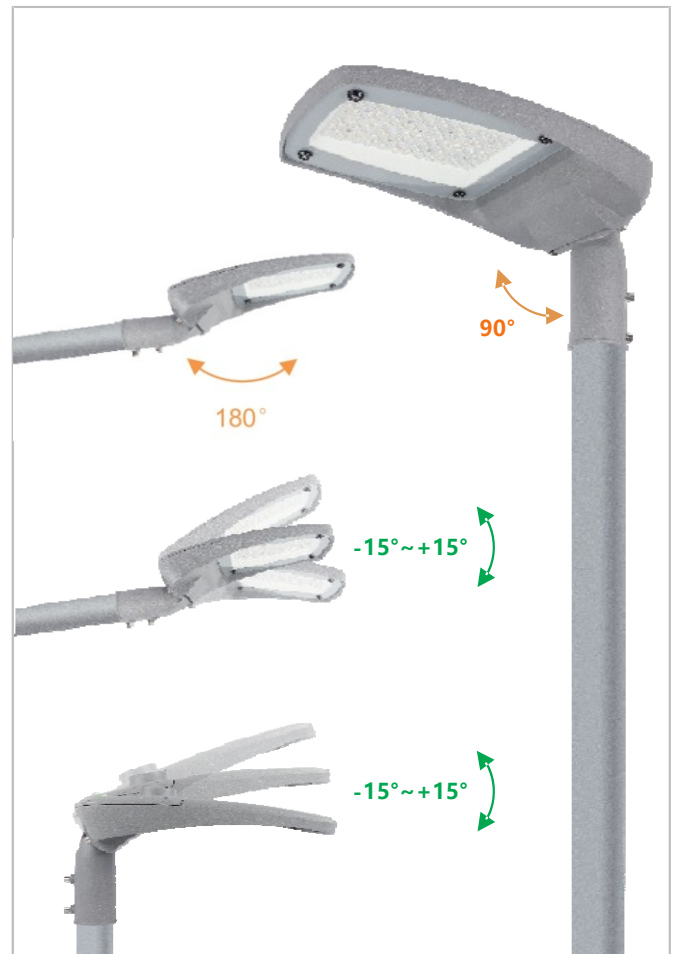


- Gradienter
- Protection level of **IP 66** and Ik10
- Horizontally or vertically installed available, arm mount is adjustable from -15° to 15°.



Gradienter

keep the fixture horizontal (installation or all using time)



Installatio

① Wiring, as shown in Figure 1.

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

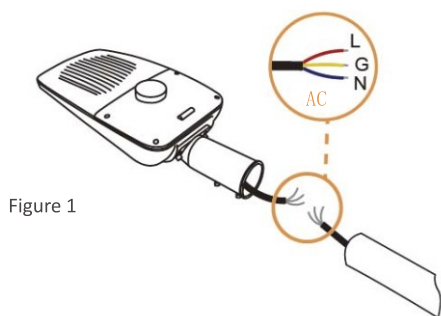


Figure 1

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;

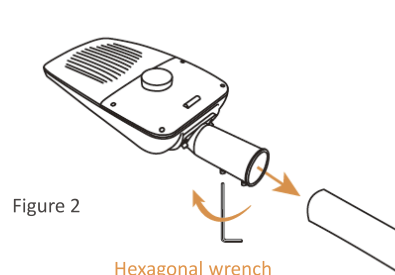


Figure 2

③ Adjust the angle as shown in Figure 3.

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

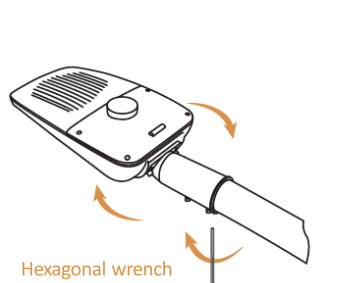


Figure 3

④ Install the Photocontrol, as shown in Figure 4.

Place the photocontrol on the lamp body and lock it;

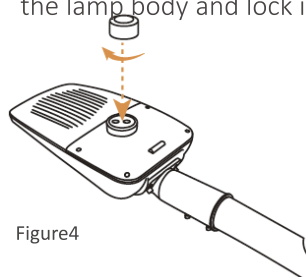


Figure 4

⑤ Assembly is completed, as shown in Figure 5.

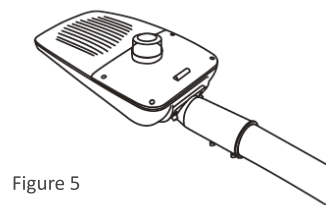
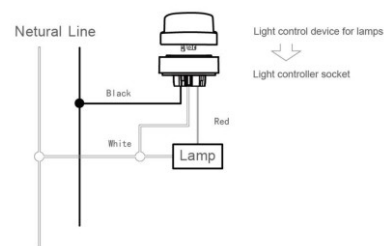
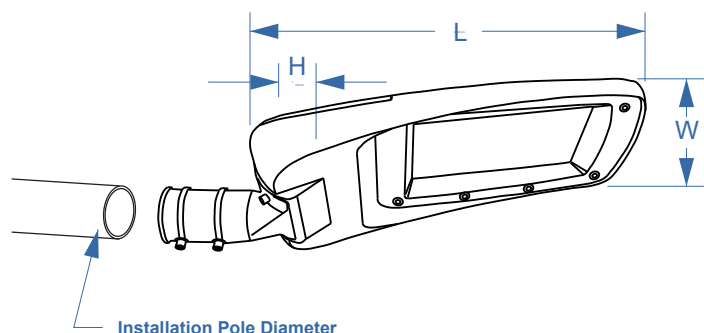


Figure 5

if with light controller

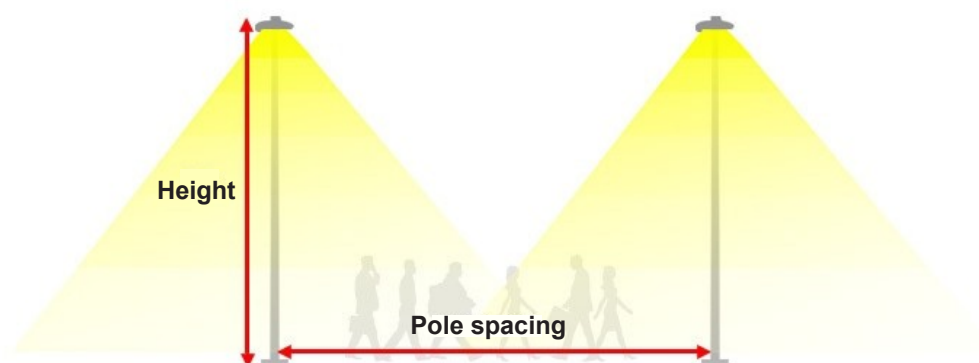
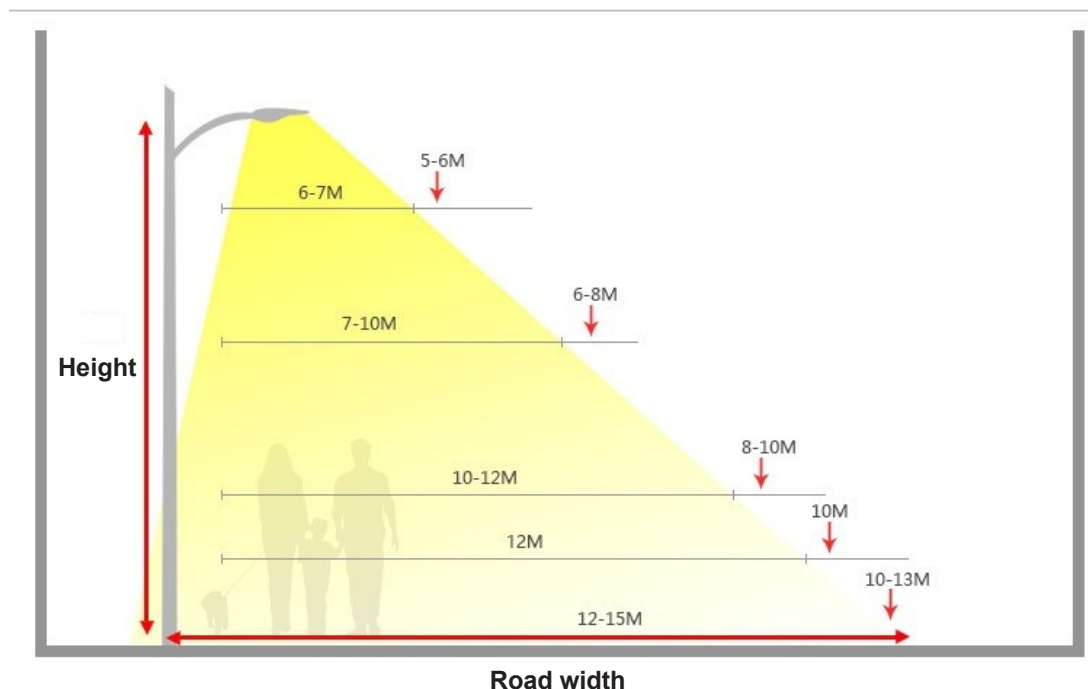


Dimensions(Unit:mm)



Model	Power	Product Size	Installation Pole Diameter
SRSL060W-230V	60W	L370xW180xH80mm	Φ60mm
SRSL100W-230V	100W	L420xW240xH80mm	Φ60mm
SRSL150W-230V	150W	L550xW280xH80mm	Φ60mm
SRSL200W-230V	200W	L600xW280xH80mm	Φ60mm

Installation suggestions



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

The above information is for reference only.

Product Specifications

Driver brands: OSRAM

Optional LED brands: Lumileds/ Philips Leds/ Sanan Leds

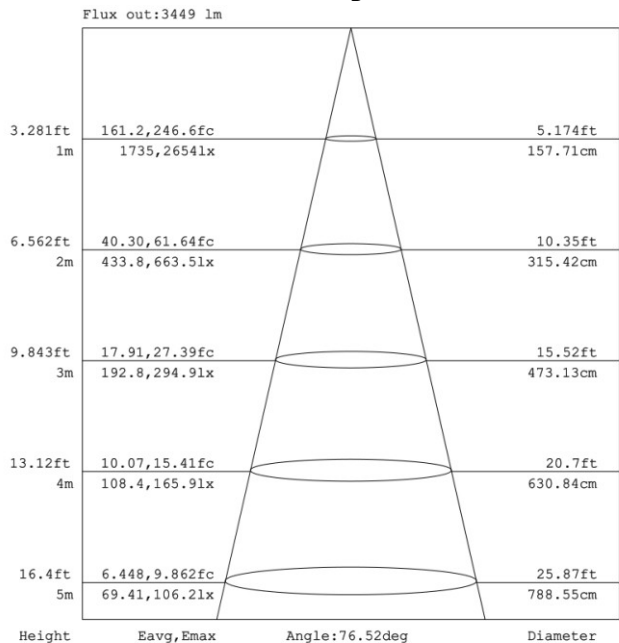
Product	SRSL060W-230V	SRSL100W-230V	SRSL150W-230V	SRSL200W-230V
Norminal Wattage	60W	100W	150W	200W
LED Qty	72 PCS	128 PCS	240 PCS	288 PCS
Input Voltage	AC220-240V 50/60Hz			
Luminaires Class	Class I			
LED Brand	Lumileds/ Philips Leds/ Sanan Leds 2835SMD/3030SMD			
Driver Brand	OSRAM			
Operating Temperature	-20 °C to + 50 °C			
Power Factor(PF)	≥0.95			
THD	<20%			
Lumen Output (+/- 5%)	9000 lm	16000 lm	25500 lm	34000 lm
Luminaire efficacy (+/- 5%)	150LM/W	160LM/W	170LM/W	170LM/W
Beam Angle	140° x 70°			
CRI	≥70 Ra			
CCT	3000K (Warm White), 4000K (Nature White), 6000K (Cool White)			
Rating	IP66			
Material	Die-cast aluminum + optical glass			
Suit for Light pole	Φ60	Φ60	Φ60	Φ60
Accessories (Optional)	Light controller			
Shell Color	Gray other RAL colors available on request			
Product Size(mm)	L370xW180xH80	L420xW240xH80	L550xW280xH80	L600xW280xH80
Packaging Type	1*3layer=3PCS/carton	1*3layer=3PCS/carton	1*2layer=2PCS/carton	1*2layer=2PCS/carton
Packaging size(mm)	L550xW240xH405	L640xW310xH465	L760xW340xH320	L810xW340xH320
N.W.	2.3KG	3.7KG	5.8KG	6.4KG
G.W.	9.3KG / Carton	14.6KG / Carton	14.3KG / Carton	16.1KG / Carton
Lumen Maintenance	> 50,000 hours-L ₇₀ at 25 °C			
Certifications	CE, RoHS			

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

Test report

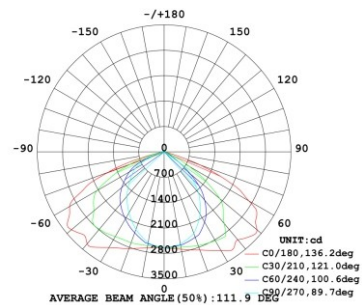
MODEL:SRSL060W-230V

AAI Figure

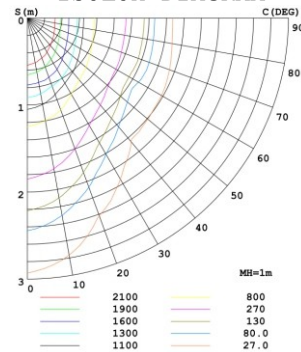


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

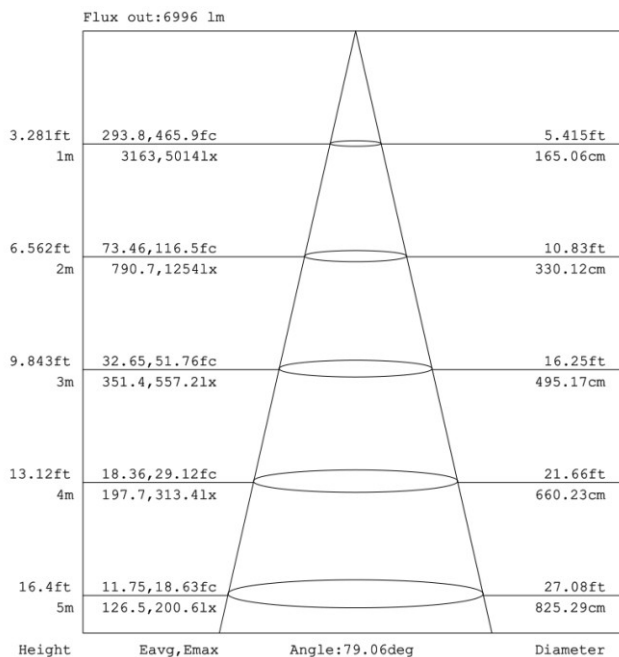


ISOLUX DIAGRAM



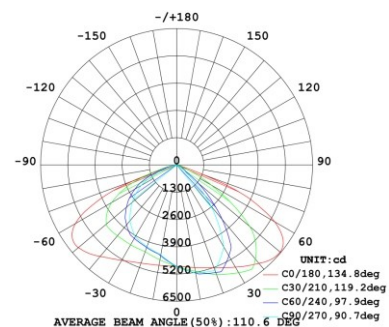
MODEL:SRSL100W-230V

AAI Figure

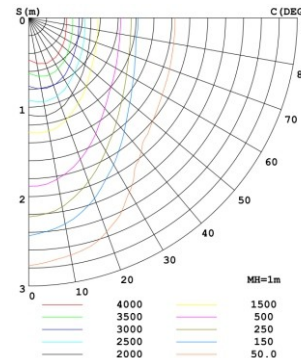


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



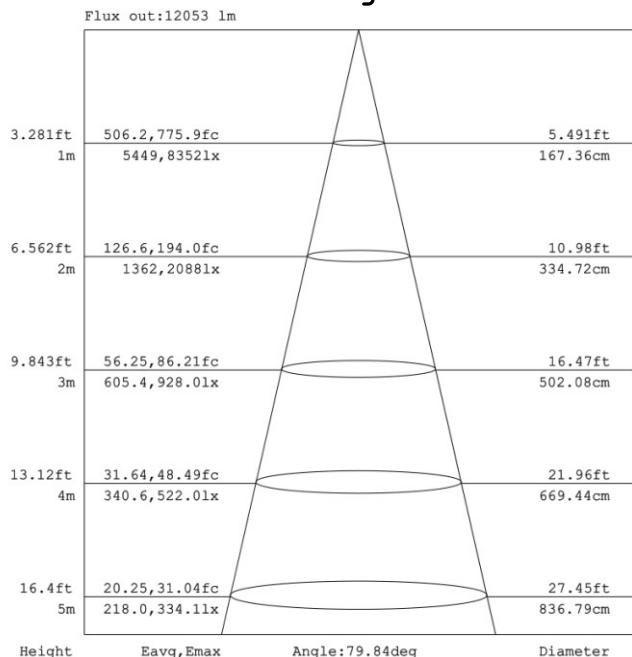
ISOLUX DIAGRAM



Test report

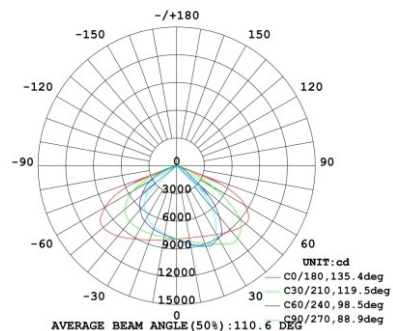
MODEL:SRSL150W-230V

AAI Figure

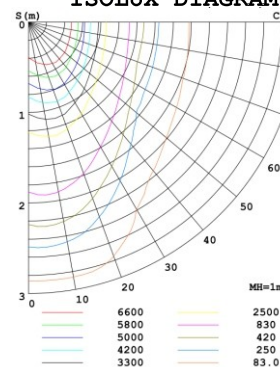


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

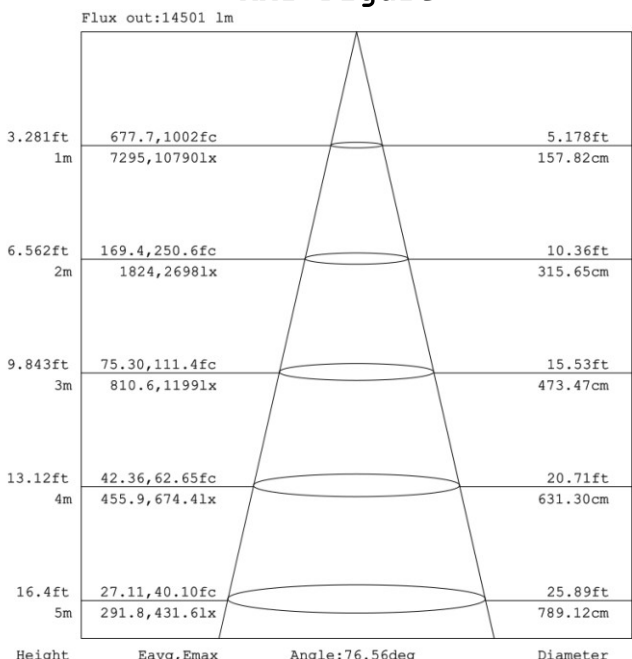


ISOLUX DIAGRAM



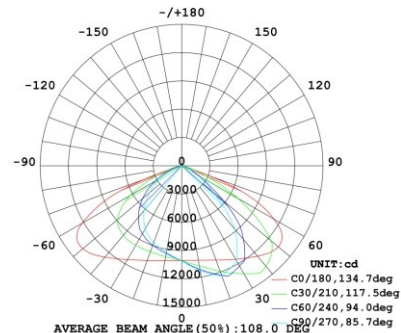
MODEL:SRSL200W-230V

AAI Figure

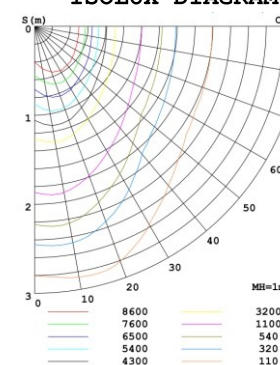


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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Packing Info

Common Style

①



②



③



④



Light Controller Style

①



②



③



④



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.