

LED Street Light-2nd Generation

Basic Technical Data

Part Number	Color	Power Consumption	LED	Luminous Flux(lm)	Voltage(V)	Voltage(V)
			Quantity			
LA-SL2-WW60W50-24V	Warm White	60W	50	3600	24	485*185*130
LA-SL2-CW60W50-24V	Cool White	60W	50	3600	24	485*185*130

Mechanic Spec.:

Housing: Aluminum alloy

Base type: IP65 Connector or Connector Free

Outer Dimension: L485mm *W185mm *H130mm

Housing color: Silver

Weight<7Kg



Electrical Spec.:

Input Voltage: 24V DC (With 90VAC-260VAC, 50/60Hz transformer)

Unit Emitter 1.2W, total 50pcs Emitter used

Power Consumption: Above 90% efficiency for LED driver board

-85% efficiency for transformer from 110VAC to 24VDC

LED model: OSRAM LED

Environmental Spec.:

Operating Temperature:-30~50°C

Storage Temperature:-40~80°C

Body Temperature<60°C @25°C (ambient)

IP Level: IP66

LED life: over 30,000 hours

Optical Spec.:

Beam Angle: X (Direction follow the road): 80±5°

Y (Direction cross the road):60±5°

Color Temperature: 6000K±500K or 3000K±500K

Luminous flux:

117.5Lux 4M high

53.9Lux 6M high

31.7Lux 8M high

LED Street Light-2nd Generation

Basic Technical Data

Part Number	Color	Power Consumption	LED	Luminous Flux(lm)	Voltage(V)	Dimension(MM)
			Quantity			
LA-SL2-WW120W100-24V	Warm White	120W	100	7000	24	690*445*190mm
LA-SL2-CW120W100-24V	Cool White	120W	100	7000	24	690*445*190mm

Mechanic Spec.:

Housing: Aluminum alloy
 Base type: IP65 Connector or Connector Free
 Outer Dimension: L690mm *W445mm *H190mm
 Housing color: Silver
 Weight<12Kg (Included Driver Board)

Electrical Spec.:

Input Voltage: Transformer constant 24VDC
 Output for lighting module
 Unit Emitter 1.2W, total 100pcs Emitter used
 Power Consumption: Above 90% efficiency for LED driver board
 -85% efficiency for transformer from 110VAC to 24VDC

Environmental Spec.:

Operating Temperature:-30~50°C
 Storage Temperature:-40~80°C
 Body Temperature<45°C @25°C(ambient)
 IP Level: I66
 LED life: over 30,000 hours

Optical Spec.:

Beam Angle: X (Direction follow the road): 100±5°
 Y (Direction cross the road):60±5°

Color Temperature: 5000K±500K

Luminous flux:

182.2Lux for 4m high
 83.8Lux for 6m high
 47.5Lux for 8m high
 30.8Lux for 10m high
 21.8Lux for 12m high



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Part Number	Color	Power Consumption	LED	Luminous Flux(lm)	Voltage(V)	Dimension(MM)
			Quantity			
LA-SL2-WW180W150-24V	Warm White	180W	150	10000	24	690*445*190mm
LA-SL2-CW180W150-24V	Cool White	180W	150	10000	24	690*445*190mm

Mechanic Spec.:

Housing: Aluminum alloy

Base type: IP65 Connector or Connector Free

Outer Dimension: L690mm *W445mm *H190mm

Housing color: Silver

Weight<12Kg (Included Driver Board)



Electrical Spec.:

Input Voltage: Transformer constant 24VDC

Output for lighting module

Unit Emitter 1.2W, total 100pcs Emitter used

Power Consumption: Above 90% efficiency for LED driver board

-85% efficiency for transformer from 110VAC to 24VDC



Environmental Spec.:

Operating Temperature:-30~50°C

Storage Temperature:-40~80°C

Body Temperature<45°C @25°C (ambient)

IP Level: I66

LED life: over 30,000 hours

Optical Spec.:

Beam Angle: X (Direction follow the road): 100±5°

Y (Direction cross the road):60±5°

Color Temperature: 5000K±500K

Luminous flux:

292.0 Lux for 4m high

133.5 Lux for 6m high

75.7 Lux for 8m high

49.0 Lux for 10m high

34.8 Lux for 12m high

LED Street Light-3rd Generation

Basic Technical Data

Part Number	Color	Power Consumption	LED	Luminous Flux(lm)	Voltage(V)
			Quantity		
LA-SL3-WW30W24-24V	Warm White	30W	24	2640	24
LA-SL3-CW30W24-24V	Cool White	30W	24	2640	24

Mechanic Spec.:

Housing: Aluminum Alloy

Shape & Outer Dimension: 485*185*130 (Can Use Any Traditional Street Light Cover)

Weight<12Kg

Electrical Spec.:

Input Voltage: 24V DC

Power Consumption: 30W

LED Model: OSRAM LED

Environmental Spec.:

Operating Temperature:-20-50°C

Environment Temperature:-20~50°C

IP Level: IP65

LED life: over 30,000 hours

Optical Spec.:

CRI:82

Beam Angle:

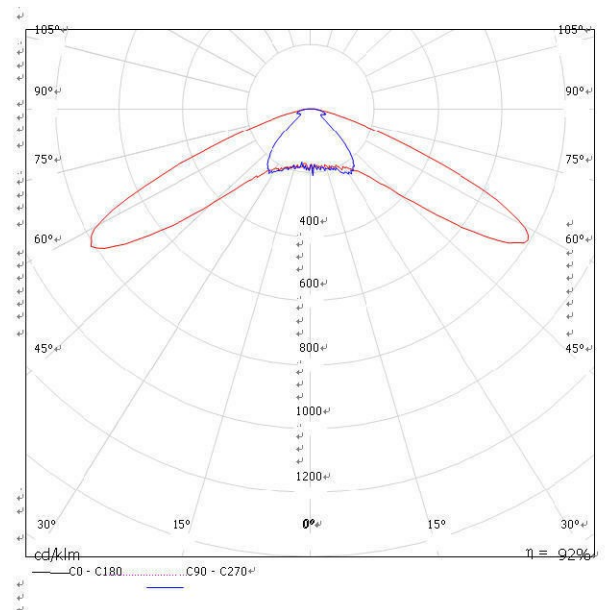
X (Direction follow the road): 120°

Y (Direction cross the road): 100°

Luminous flux:

5-6M Height 5-10 Lux

Suggest to be installed in living area.



LED Street Light-3rd Generation

Basic Technical Data

Part Number	Color	Power Consumption	LED	Luminous Flux(lm)	Voltage(V)
			Quantity		
LA-SL3-WW60W48-24V	Warm White	60W	48	5280	24
LA-SL3-CW60W48-24V	Cool White	60W	48	5280	24

Mechanic Spec.:

Housing: Aluminum Alloy

Shape & Outer Dimension: 485*185*130 (Can Use Any Traditional Street Light Cover)

Weight<12Kg

Electrical Spec.:

Input Voltage: 24V DC

Power Consumption: 60W

LED Model: OSRAM LED

Environmental Spec.:

Operating Temperature:-20-50°C

Environment Temperature:-20~50°C

IP Level: IP65

LED life: over 30,000 hours

Optical Spec.:

CRI: 82

Beam Angle:

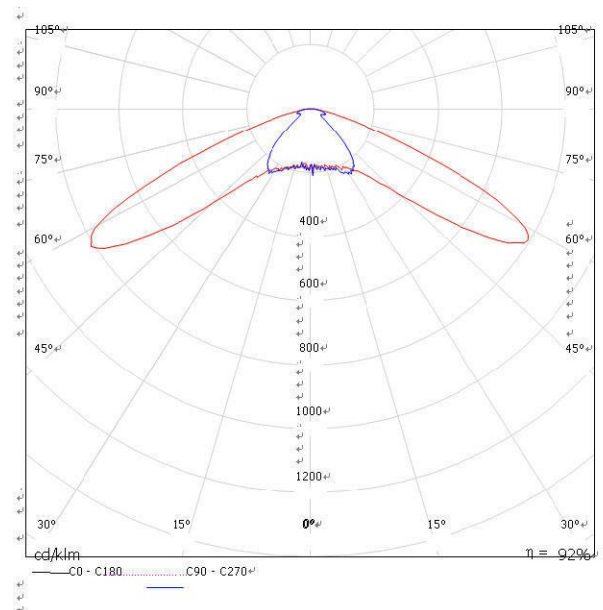
X (Direction follow the road): 120°

Y (Direction cross the road): 100°

Luminous flux:

7-8M Height 10-20 Lux

Suggest to be installed in commercial area.



LED Street Light-3rd Generation

Basic Technical Data

Part Number	Color	Power Consumption	LED	Luminous Flux(lm)	Voltage(V)
			Quantity		
LA-SL3-WW90W72-24V	Warm White	90W	72	7920	24
LA-SL3-CW90W72-24V	Cool White	90W	72	7920	24

Mechanic Spec.:

Housing: Aluminum Alloy

Shape & Outer Dimension: 485*185*130 (Can Use Any Traditional Street Light Cover)

Weight<12Kg

Electrical Spec.:

Input Voltage: 24V DC

Power Consumption: 90W

LED Model: OSRAM LED

Environmental Spec.:

Operating Temperature:-20-50°C

Environment Temperature:-20~50°C

IP Level: IP65

LED life: over 30,000 hours

Optical Spec.:

CRI: 82

Beam Angle:

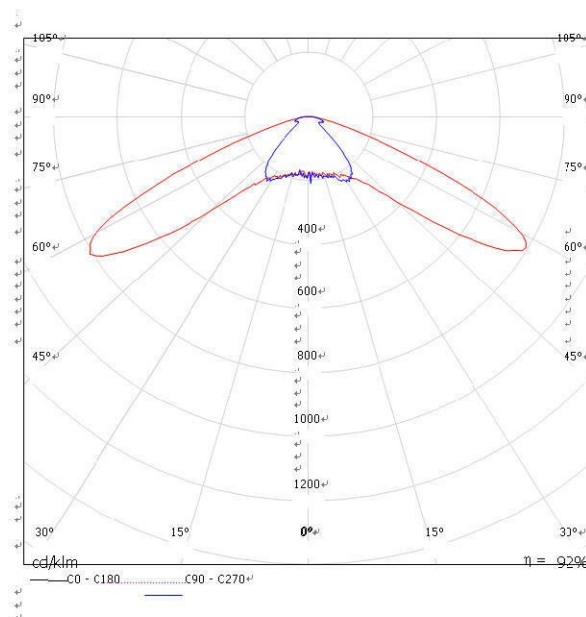
X (Direction follow the road): 120°

Y (Direction cross the road): 100°

Luminous flux:

9-10 M Height 8-10Lux

Suggest to be installed in secondary branch road and replace traditional 150W High Pressure Sodium Lamp & Metal Halide Lamp.



LED Street Light-3rd Generation

Basic Technical Data

Part Number	Color	Power Consumption	LED	Luminous Flux(lm)	Voltage(V)
			Quantity		
LA-SL3-WW120W96-24V	Warm White	120W	96	10560	24
LA-SL3-CW120W96-24V	Cool White	120W	96	10560	24

Mechanic Spec.:

Housing: Aluminum Alloy

Shape & Outer Dimension: 485*185*130 (Can Use Any Traditional Street Light Cover)

Weight<12Kg

Electrical Spec.:

Input Voltage: 24V DC

Power Consumption: 120W

LED Model: OSRAM LED

Environmental Spec.:

Operating Temperature:-20-50°C

Environment Temperature:-20~50°C

IP Level: IP65

LED life: over 30,000 hours

Optical Spec.:

CRI: 82

Beam Angle:

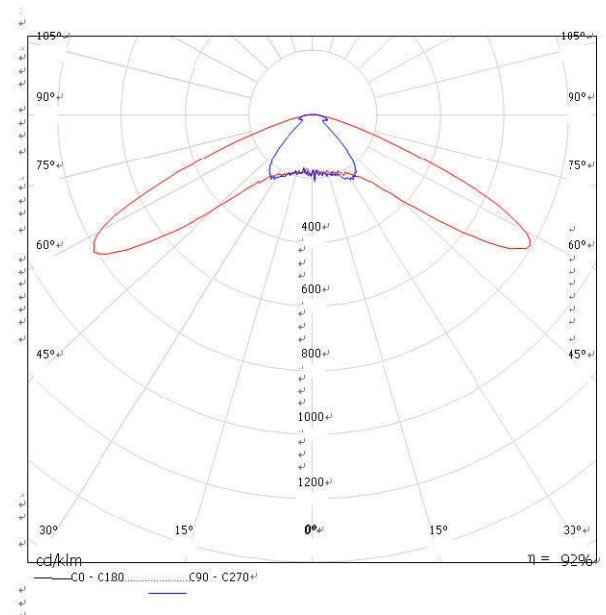
X (Direction follow the road): 120°

Y (Direction cross the road): 100°

Luminous flux:

10-11-M Height 8-10Lux

Suggest to be installed in branch road and replace traditional 250W High Pressure Sodium Lamp & Metal Halide Lamp.



LED Street Light-3rd Generation

Basic Technical Data

Part Number	Color	Power Consumption	LED	Luminous Flux(lm)	Voltage(V)
			Quantity		
LA-SL3-WW150W120-24V	Warm White	150W	120	13200	24
LA-SL3-CW150W120-24V	Cool White	150W	120	13200	24

Mechanic Spec.:

Housing: Aluminum alloy

Shape & Outer Dimension: 485*185*130 (Can Use Any Traditional Street Light Cover)

Weight<12Kg

Electrical Spec.:

Input Voltage: 24V DC (With AC85-265V Transformer)

Power Consumption: 150W

LED Model: OSRAM LED

Environmental Spec.:

Operating Temperature:-20-50°C

Environment Temperature:-20~50°C

IP Level: IP65

LED life: over 30,000 hours

Optical Spec.:

CRI: 82

Beam Angle:

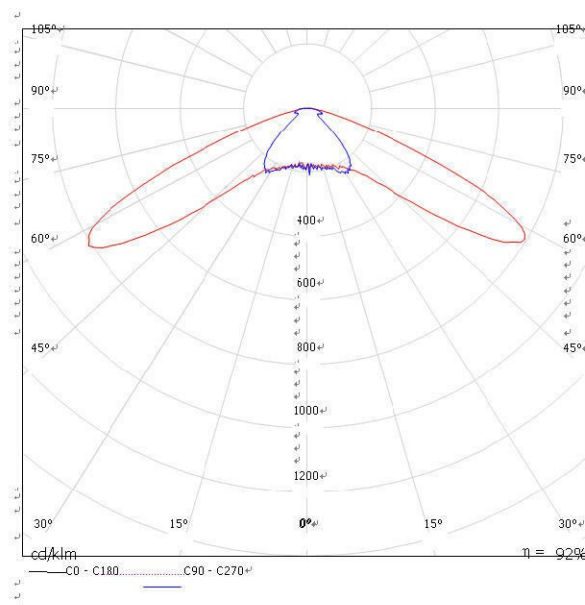
X (Direction follow the road): 120°

Y (Direction cross the road): 100°

Luminous flux:

12-13M Hight >10-15 Lux

Suggest to be installed in secondary main road and replace traditional 250W High Pressure Sodium Lamp & Metal Halide Lamp.



LED Street Light-3rd Generation

Basic Technical Data

Part Number	Color	Power Consumption	LED	Luminous Flux(lm)	Voltage(V)
			Quantity		
LA-SL3-WW220W180-24V	Warm White	220W	180	19800	24
LA-SL3-CW220W180-24V	Cool White	220W	180	19800	24

Mechanic Spec.:

Housing: Aluminum alloy

Shape & Outer Dimension: 485*185*130 (Can Use Any Traditional Street Light Cover)

Weight<12Kg

Electrical Spec.:

Input Voltage: 24V DC (With AC85-265V Transformer)

Power Consumption: 220W

LED Model: OSRAM LED

Environmental Spec.:

Operating Temperature:-20-50°C

Environment Temperature:-20~50°C

IP Level: IP65

LED life: over 30,000 hours

Optical Spec.:

CRI: 82

Beam Angle:

X (Direction follow the road): 120°

Y (Direction cross the road): 100°

Luminous flux:

14-16M Hight> 20-30 Lux

Suggest to be installed in main road and replace traditional 400W High Pressure Sodium Lamp & Metal Halide Lamp.

