

**Brief:**

LED Street Light, is a new, energy-saving product that utilizes high power led's as light source, as one of the earliest Europe LED Street Light Manufacturers, Suppliers and Exporters, we are the first Europe LED Street Light factory who invented our LED Street Light in 2003, it can be directly connected with a 85-264VAC power supply. The LED color spectrum, there is no ultraviolet light, no infrared rays, no heat, and no radiation produced. As a result, our LED Street Light series is a conventional "green" lighting source.



Model Name	LED Street Light
Model No.	SL1
Power Consumption	28W
Luminous Flux	3,000lm
Working Voltage	85-264VAC
Life Spam	>50,000 Hours
IP Rating	IP65
Certificates	CE, RoHS, UL Pending
MOQ	5 pcs
Payment Term	T/T, L/C
Warranty	60 Months

**Spec.**

Item \ Model	SL1
Input Voltage	AC 85 ~ 264 V
Frequency Range	47 ~ 63 Hz
Power Factor (PF)	>0.96
Total Harmonic Distortion (THD)	<20%
Power Efficiency	85 %
Working Voltage	24VDC
LED Consumption	28 W
Power Supply Consumption	7 W
LED Luminous Efficiency	≥80 lm/w
LED Rated Flux	3,000 lm ( Tj=25°C )
LED Maintain Flux	2,300 lm ( Tj=60°C, Ta=25°C )
Lamp Output Flux	2,100 lm ( Tj=60°C, Ta=25°C )
Lamp's Efficiency ( % )	>90 %

## LED Street Light – SL1

Illumination ( E )	(Height=6 m ) ≥13 lux (Height=8 m ) ≥7.5 lux (Height=10 m ) ≥4.5 lux (Height=12 m ) ≥3 lux
Effective Illuminated Area	20×8 m (Height=6 m ) 26×10 m (Height=8 m ) 33×13 m (Height=10 m ) 40×16 m (Height=12 m )
Color Temperature	Pure White: 5,000 ~ 5,800 K, White White:4,000~ 4,500K
Color Index(CRI)	Ra > 65
Light Source	LED Emitter ( 1 Watt )
Light Distribution Curve / Beam Pattern	Asymmetric (Bat Wing) / Rectangular Beam
The Highest Light Intensity Angle	The Horizontal Axis: 110°, The Vertical Axis : 45°
Beam Angle	The Horizontal Axis: 120°, The Vertical Axis : 60°
Junction Temperature ( Tj )	60°C ± 10% ( Ta= 25°C )
System Resistance ( Rja )	1.4 ° C / W
Working Temperature	- 30°C ~ 50°C
Working Humidity	10% ~ 90% RH
Storage Temperature	10°C ~ 85°C
Working Life	> 50,000 Hrs
Light Body & Lampshade Material	Aluminum Alloy and PC
Lamp Base	Hoop
The Dimensions(Units : mm)	598(L) x 265(W) x 203(H)
Net Weight (g)	5.3 kg
IP Rating	IP 65

