

# LED Street Light Brochure



## CST-LS-M-50W LED Street Lamp

### Description

CST M series 50W LED Street Lamp uses famous LED chip as light source, its luminous flux can reach 120lm/W, its driver we use High quality famous Driver, with high efficiency and long lifespan. This kind of LED Street Lamp shell adapts the advanced cooling heat management system, anti-shock, vibration resistant, and heat temperature resistant. Its IP ratio can reach IP65. 2,000pc per monthly production capacity, fast delivery time and turn-key service will be suitable for all your requirements.

### Characters

Adopt unique cooling structure to solve the problems of the traditional type heat dissipation structure.

This unique structure also ensures the reliability of the LEDs.

Practice "ultrashort heat conduction path" concept, by reducing unnecessary intermediate medium, with high quality and low thermal resistance materials, to simplify heat conduction path from the LED chip to the heat dissipation shell greatly to make the thermal resistance of the whole lamp reduced greatly, to conduct the thermal more smoothly.

The unique light distribution design. Adopt free surface lens to realize accurate light distribution. The light distribution curve was designed targeted optimization according to the practical road conditions.

The unique secondary light distribution and direct reflect mixture design, no light pollution, no Lens Flare, No RF interference, Light transmittance as high as 98%.

Use high quality famous power supply, with input Voltage 80-450V.

Use famous LED (Model: L130-2790003000W2C), LED Lamp beads with high light, high reliability, life span more than 50,000 hours.

No pollution to grid. Power factor higher, harmonic distortion can be 10% or less, EMI conforms to the global index, so as to Reduce the electric energy loss of the power supply circuit and avoid the high frequency interference pollution to power grid.



## Application

- Street, urban, highway.
- High-bridges, huge crossing-bridges, sidewalk.
- Square, school, park, courtyard, dwelling district.
- Factory yard and some other places which need illumination for outside.

## Technical data

LED Power	50W
Total Power	50W
Input voltage	AC80-450V
Frequency	50/60Hz
LED Quantity	60pc (with magnifying lens)
Luminous Flux	120lm/W
Size	L460 x W170mm x Thickness 75mm
Housing Material	Aluminum alloy
CCT	4000-4500K
Driver Type	Famous Driver
Output	DC24-40V, 1500mA
IP Rating	IP65
Surge	8KV
Application	-25~60° C, 10%~90% Humidity
Luminous Decay	Less than 5% for 5000hours
Designed Lifespan	>50000hours
Certificate	UL/TUV Standard, SAA, CE(EMC,LVD), ROHS, FCC
Warranty	36 months

### Certificates and Test Reports

- 1, UL/TUV Standard, SAA, CE(EMC,LVD), ROHS, FCC
- 2, LED: IESNA LM-80-15 Test Report-L90

### Famous Driver

- 1, high PF,
- 2, high efficiency,
- 3, be of protecting function from short-circuit & over-current, over-voltage and over-temperature,

### Excellent cooling Function

- 1, excellent aluminum alloy as cooler;
- 2, the shell temperature is under 50 degree even if after long time working;

## **Waterproof**

IP65 grade

## **Wind Resistance**

It can resist wind up to 10 grade

## **Anti-corruption function**

Yes, so it also can be used near seaside.

## **Package**

1pc/CTN, CTN Size: 51\*9\*22cm/1.4kg

