

150W BRIDGELUX / LITUP LED STREET

MODEL: SFLEDST150LM



FEATURES

Our 150W LED street lights are locally assembled and use 3 single 50W Bridgelux / Litup LED as the light source, constant current power supply, wide voltage input (AC85-277V or DC 12-24-48V), no ultraviolet, infrared, heat and radiation.

Excellent dust and water resistant properties, good self-cleaning design, safety, reliability, low power consumption, long service life.

Modern urban design aesthetics, heat resistance, good sealing performance.

High luminous efficiency, visual fidelity, flicker-free.

Fantastic designed light distribution system.

50,000 hours of continuous use

Installation flexibility.

Structural material, aluminum alloy die-casted, high quality glass lens with good light, dust-proof and waterproof, sealed firmware to enhance security and reliability of the lamp.

Surface treated with an environmentally friendly powder coating process so that light itself has good self-cleaning functionality.

APPLICATION SCOPE

City roads, residential areas, industrial areas, sidewalks, parks, schools, villas, estates and other applications where street lighting is required

The lamp uses Bridgelux 140lm/w / Litup 125lm /w COB LED chip as the light source, coupled with high efficiency AC / DC switching power supplies or DC / DC current drive power, efficiency up to 90%, constant current drive power efficiency up to 95%.

ELECTRICAL PARAMETERS

| No. | Specs | Unit | Value |
|-----|------------------|------|--------------------|
| 1 | Input Voltage | V | AC85-277 / 12 - 48 |
| 2 | Frequency | HZ | 47-63 |
| 3 | Power rating | W | 150 |
| 4 | Power factor | | >0.95 |
| 5 | Power efficiency | % | 90 |

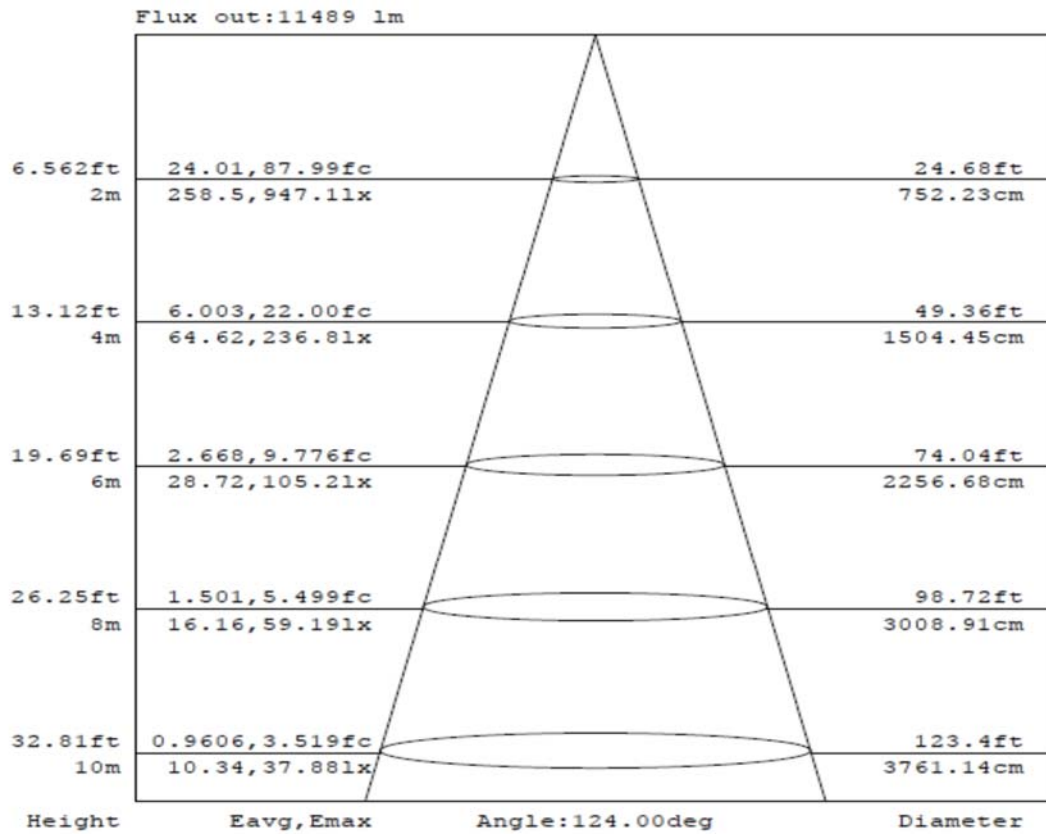
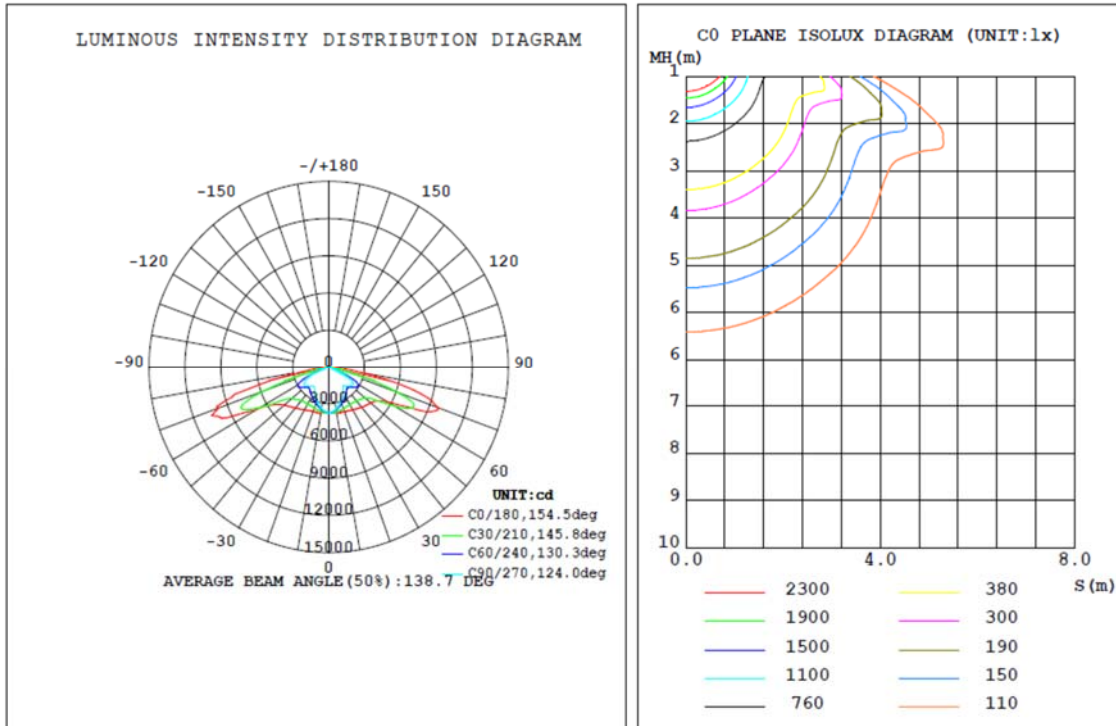
LIGHT CHARACTERISTICS

| No. | Specs | Unit | Value |
|-----|---------------------------|------|--|
| 1 | LED lighting efficiency | lm/W | 116.88 |
| 2 | Whole Lamp luminance | lm | 17637 |
| 3 | Mid Illumination | lux | Height=8m: 59.19lux |
| | | lux | Height=10m: 37.88≥lux |
| 4 | Color Temperature | K | 2700-7000K |
| 5 | Color Rendering Index | RA | 80 |
| 6 | Light Distribution Circle | | Asymmetric (Bat Wing) / Rectangular Beam |
| 7 | Light efficiency | % | 85 |
| 8 | LED quantity | PCS | 2 |

OTHER PERFORMANCE INDICATORS

| No. | Specs | Unit | Value |
|-----|-------------------------|---------------|--------------|
| 1 | Working Temperature | °C | -30°C ~ 55°C |
| 2 | Working Humidity | % | 10-90 |
| 3 | Storage Temperature | °C | -10°C ~ 85°C |
| 4 | Life (theoretical data) | Hrs | >50,000Hrs |
| 5 | Protection class | IP | 65 |
| 6 | Product size | 880*350*95 | L×W×Hmm |
| 7 | Packing Size | 960*375*100mm | L×W×Hmm |
| 8 | Net Weight | 9 | KG |

INTENSITY DISTRIBUTION CURVE



SPIGOT SIZE

60MM

USE AND INSTALLATION

This product is suitable for industrial AC power supply network, using the ambient temperature range is -30 °C ~ 55 °C.

Installation of cable at the first street light take a length of 15-18 meters of cable wire (the actual length of the street lights installed may vary), cable specification: 3 * 1 m (squared), black sleeving, diameter 8mm, cable outlet connection required (wiring labelled).

Spigot size 60mm

TRANSPORT AND STORAGE REQUIREMENTS

Lights in paper bag (internal plus foam)

Lights should be stored in a cool, dry, clean environment, the storage temperature is -10 °C

WARRANTY

LED Driver 3 years

LED Chip 5 Years

IEC 60598-2-3 Certified

Bridgelux LED 140LM / W

Lit LED 143 LM / W