

80W BRIDGELUX / LITUP LED STREET  
STREET MODEL: SFLEDST80LM



FEATURES

Our 80W LED street lights are locally assembled and use 1 single 80W Bridgelux / Litup LED as the light source, constant current power supply, wide voltage input (AC85-277V or DC 12-24V), 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.

80,000 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 143lm /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 / 24
2	Frequency	HZ	47-63
3	Power rating	W	80
4	Power factor		>0.95
5	Power efficiency	%	90

LIGHT CHARACTERISTICS

No.	Specs	Unit	Value
1	LED lighting efficiency	lm/W	143
2	Whole Lamp luminance	lm	11440
3	Mid Illumination	lux	Height=8m: 27lux
		lux	Height=10m: >17.74lux
4	Color Temperature	K	2700-6000K
5	Color Rendering Index	RA	70 / 80
6	Light Distribution Circle		Asymmetric (Bat Wing) / Rectangular Beam
7	Light efficiency	%	85
8	LED quantity	PCS	1

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	>80,000Hrs
5	Protection class	IP	65
6	Product size	720*270*90	L×W×Hmm
7	Packing Size	730*300*140mm	L×W×Hmm
8	Net Weight	6.5	KG

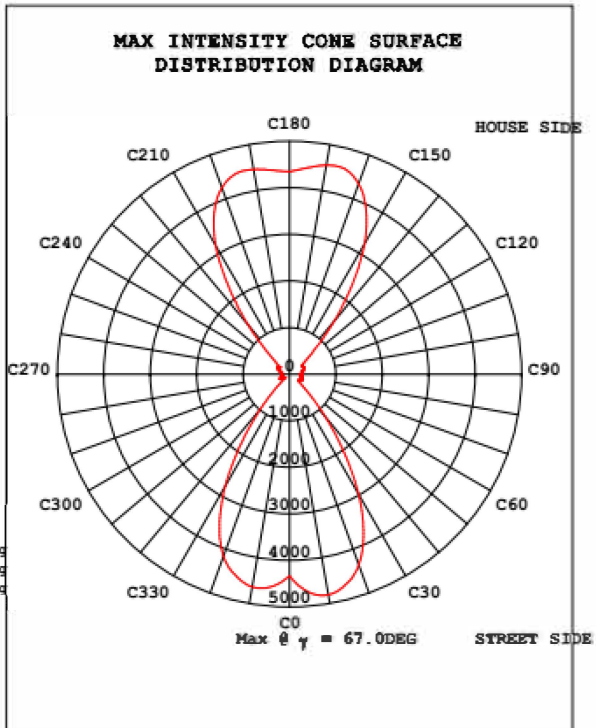
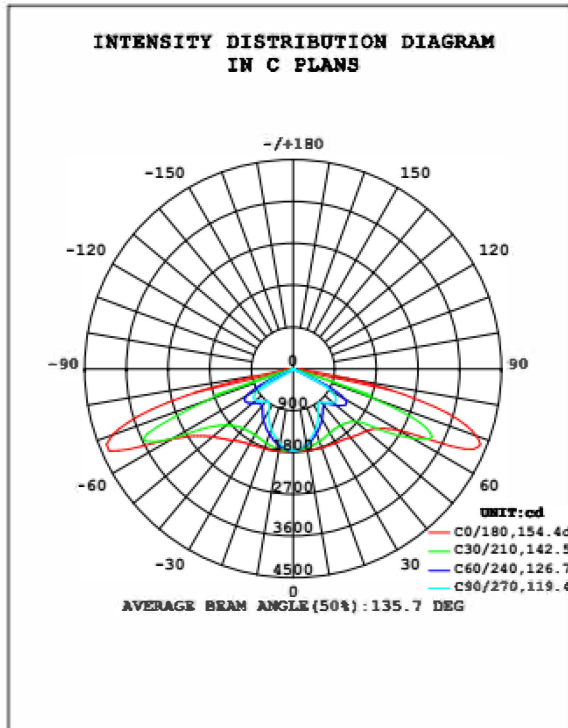
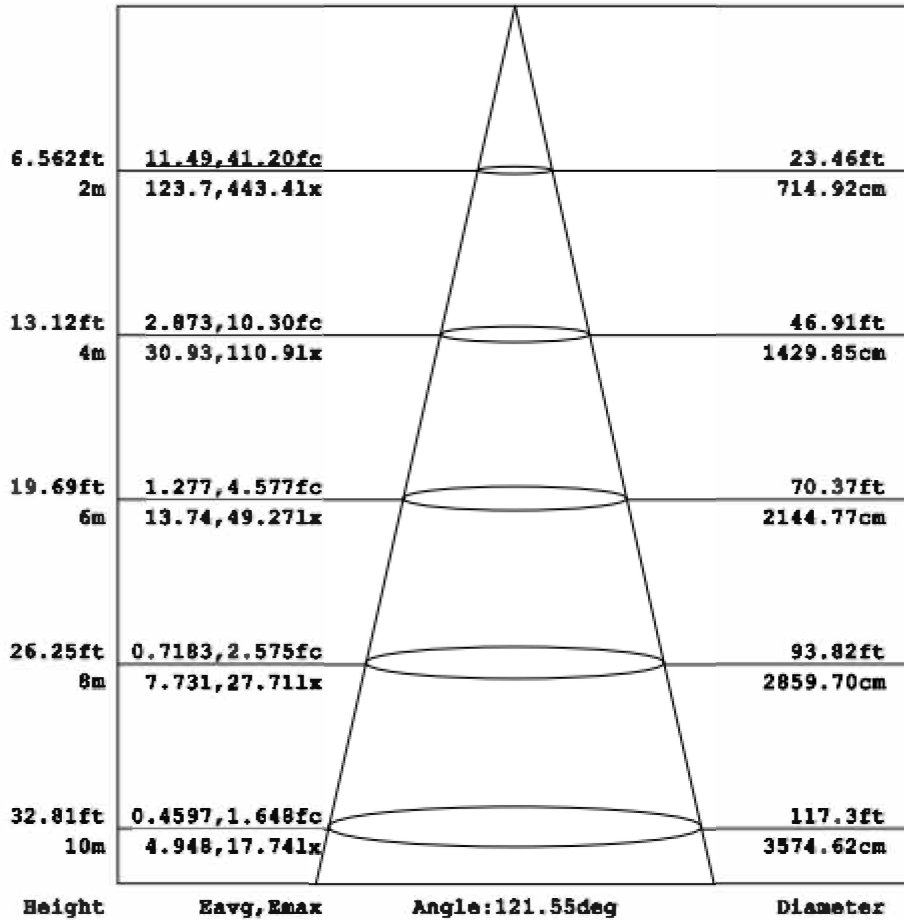


Figure 06.0.0.000001.100



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

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 / 5 years

LED Chip 5 Years

IEC 60598-2-3 Certified

Bridgelux LED 140LM / W

Lit LED 143 LM / W