

ENSA™

Energy Saving Devices

160W LED STREET LIGHT

Part Number: LEDSL160W



BRIDGELUX
USA LED
TECHNOLOGY

Overview

Operating on 160 (2x80) watts, this LED Street Light uses 50-70% less power than traditional HID lights for the same light output. These lights are ideal for use in open environments including open-air car parks, showgrounds and stadiums.

LED lights reach maximum intensity immediately after being switched on. They do not require time to warm up. In the event of a momentary loss of power, HID lamps can take up to 20 minutes to turn back on.

The fixture is completely free of hazardous materials including mercury and lead and boasts an annual energy saving that equates to over two metric tons of CO₂ saved per fixture per year!

Key Benefits

- Use up to 70% less power than HID lamps.
- LED street lights can last up to 50,000 hours.
- Cool light reduces the ambient temperature.
- Energy saving and environmentally friendly.
- No warm up or cool down periods.
- Resistant to shock and vibration.
- No audible buzzing sounds or light flickering.
- No UV or IR radiation.
- Reduce carbon emissions.

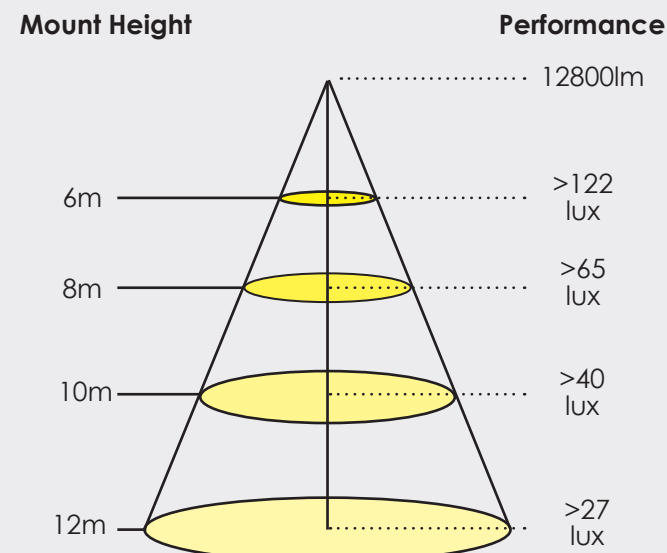
Specifications

For LEDSL160W

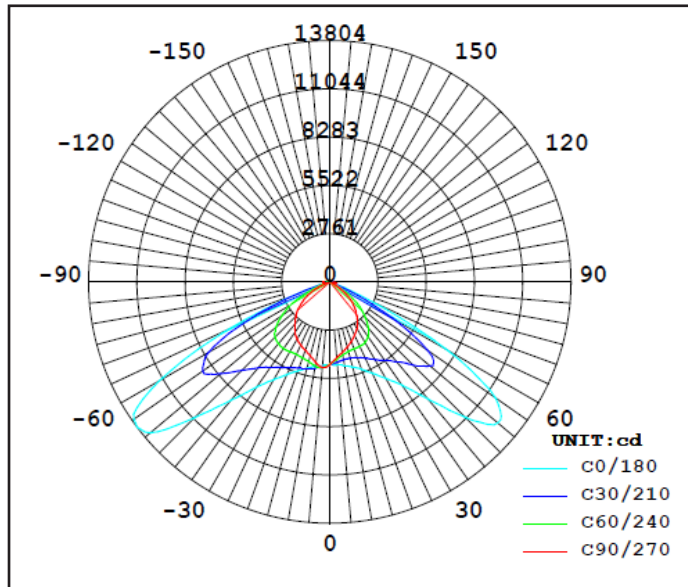
OPTICAL	
System Power Consumption	175W
LED Output Power (hot)	13000lm
Colour Temperature	6500K
Colour Rendering Index	>70
Light Distribution Curve	Asymmetric (Bat Wing)
Light Decay	< 15% (20,000 hours)
Beam Angle	140°
ELECTRICAL	
Input Voltage	85V-265V AC / 50Hz - 60Hz
Lamp Efficiency	>90%
Power Factor	>0.95
IP Grade	IP65
GENERAL	
Dimensions	L810 x W340 x H190 (mm)
Net Weight	10.0 kg
Working Environment	Temp: -40~55°C / Humidity: 10%~90%
Mounting bracket (pipe)	Φ62 mm

LUX Performance

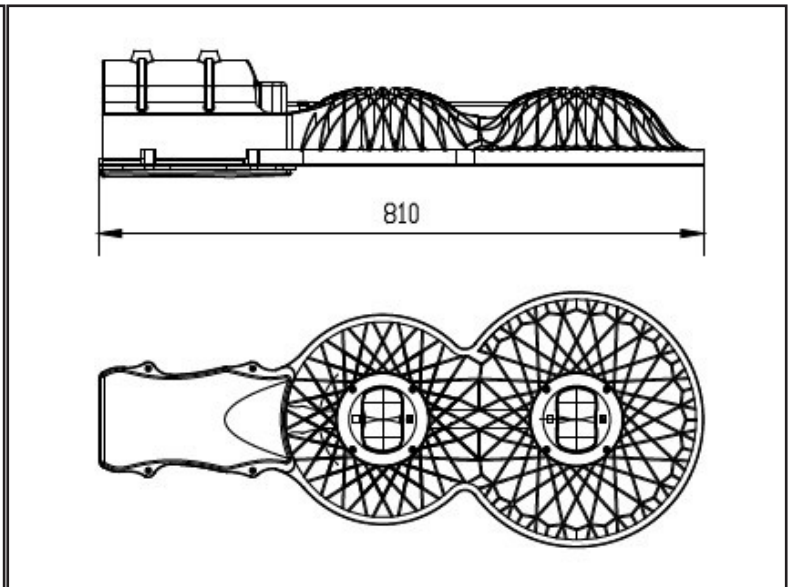
Straight-down Illumination Distribution for LED-SL160W (at 6500K)



Light Distribution Curve



Overall Dimensions



Batwing Light Distribution