

IS 10322  
(Part 5/Sec 3)



**R-62001082**

## LED STREET LIGHT

LED street lighting system is an integrated light that uses light emitting diodes(LED) as light source.

LED street lighting fixtures enhance illumination along city streets while providing savings through increased energy efficiency, decreased maintenance needs and longer rated lifetimes.

## LED LIGHTING TECHNOLOGY LEADING THE REVOLUTION

LEDs have become the driving force in the evolution of street lighting. The combination of improved nighttime visibility and safety, reduced maintenance/operational costs, no toxic chemicals and a decrease in carbon emissions have made LED lighting systems a top consideration for municipalities and utility companies everywhere.

## ADDITIONAL OPERATIONAL SAVINGS

- Quality of Life
- A Bright Future
- Improved Power Usage
- Lower Power Consumption
- Long Life

## FEATURES

- High efficiency;
- High lumens output & uniformity;
- Low power consumption;
- Low maintenance costs;
- The aluminium material is of heat, corrosion and UV resistant type.

## TECHNICAL SPECIFICATIONS

On/Off Cycles:	50000 Hrs.
Correlated Color Temperature	5500 °K to 6500 °K
Color Rendering Index	>80
Beam Angle	120° / 80° x 150°
PF	>0.96
ITHD %	<10%
Driver Integrated (Yes/No)	Yes
Lumens Output	>130 lm/Watt

## ELECTRICAL SUPPLY

Frequency (Hz)	50-60 Hz
Mains voltage (VAC)	180-275 VAC

## APPLICATION CONDITIONS

Operating Temperature range	-20 to +50 °C
Nominal Temperature	25 °C

## MATERIAL PROPERTIES

Optical Material	Toughened Glass
Housing	Aluminium die cast

## LYRA-Z LED STREET LIGHT

130 lm/W

IP66



**PART NO.**  
LYRA-Z-120

**POWER (W)**  
120

**BEAM ANGLE**  
120°