

...Light Emitting Diode...

# LED street lighting E40 light bulb


**JOLIET**

## TECHNICAL INFORMATION JOL28 LED E40 STREETLIGHT BULB

Input Voltage	85 ~ 264 VAC
Power Factor	47 ~ 63 Hz
Frequency Range	>0.9
Total Harmonic Distortion(THD)	<20%
Power Efficiency	83%
LED Working Voltage	24 VDC
LED Consumption	28 W
Power Supply Consumption	7W
LED Luminous Efficiency	≥ 80 lm/w
LED Initial Flux	2,500 lm ( Tj=25 °C )
LED Maintain Flux	2,300 lm ( Tj=70 °C , Ta=25 °C )
Lamp's Flux	2,100 lm ( Tj=70 °C , Ta=25 °C )
Lamp's Efficiency(%)	>90 %
Color Temperature(CCT)	PureWhite: 5,000 ~ 7,000 K, WarmWhite:3,000 ~ 4,000K
Color Index(CRI)	Ra > 75
Light Source	Emitter ( 1 Watt )
Light Distribution Curve/Beam Pattern	Asymmetric(Bat Wing)/Rectangular Beam
The Maximum Light Intensity Angle	120°:The Horizontal Axis:110°, The Vertical Axis:45°; 140°:The Horizontal Axis:130, The Vertical Axis:45°
Light Beam Angle	120°:The Horizontal Axis:120°, The Vertical Axis:60°; 140°:The Horizontal Axis:140, °The Vertical Axis:60°
Junction Temperature(Tj)	70 °C ± 1 0% ( Ta= 25 °C )
System Resistance(Rja)	1.4 °C / W
Working Temperature	- 30 °C ~ 40 °C
Working Humidity	10 % ~ 90 % RH
Storage Temperature	10 °C ~ 85 °C
Working Life	>50,000 Hrs
Light Body & Lampshade Material	Aluminum Alloy and PC
Lamp Base	E40
Dimensions(mm)	90 (Φ) X275 (L)
Net Weight	1 kg
IP Rating	IP 60

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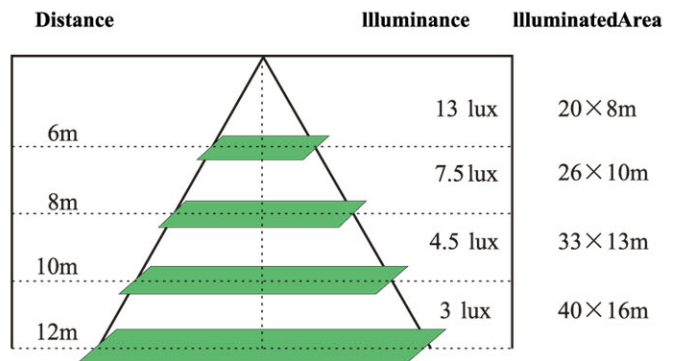
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## PHOTOMETRIC PROPERTIES JOL28 LED E40 STREETLIGHT BULB

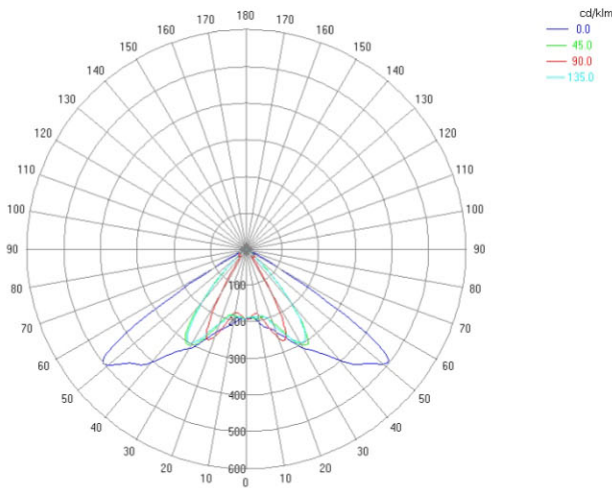
### Revolutionary photometric design

Highly focused LED optical system provides a regular rectangular beam pattern with uniform brightness, reducing dark patches and light loss between light sources.

### Illumination at different heights



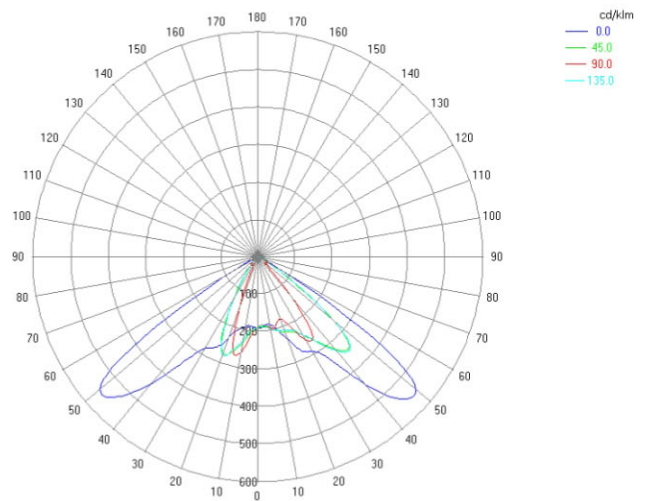
### Light distribution curve for horizontal installation



Beam pattern - horizontal installation



### Light distribution curve for inclined installation



Beam pattern - inclined installation

