

# VL-EXS8231-XX

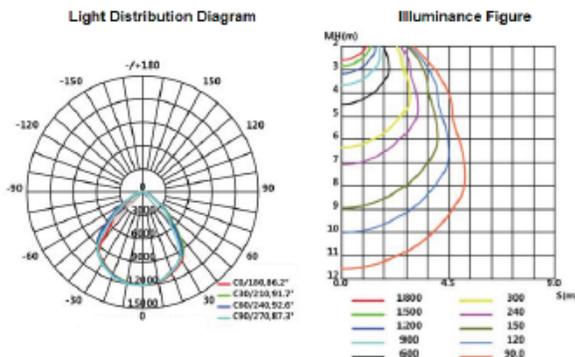
## 50W-90W Explosion Proof Street Light



### Features

- Configuration: Using imported LED light source, the average service life is approximately 100,000 hours. The power supply uses a wide voltage process which maintains a constant current output, has short circuit and over voltage protection functions which can prolong the service life of these lamps.
- Heat dissipation: The structure design of the upper and lower ventilation is made to improve the heat dissipation performance and avoid dust accumulation in conventional LED radiators.
- Distribution of light: using high precision, high permeability, optical lens, light projection distance more far and stronger illumination, suitable for all kinds of places such as the need for ultra-long projection lights.
- Protection: IP66 protection level, corrosion protection level can reach WF2, the surface of the lamp body will never corrode, never rust.
- Installation mode: Top ceiling, suspension ceiling, bent bar, vertical bar and other installation modes can be adopted as required.
- Inlet port: Series and parallel connection of lamps and lanterns can be realized by adopting double inlet design. Separation design of power supply cavity and wiring cavity has great assembly space, which makes the installation and wiring safer and more convenient, and the heat dissipation performance is more prominent.

### Diagrams



### Specifications

<b>Rated Voltage</b>	AC100-270V
<b>Power</b>	50W-90W
<b>Frequency</b>	50/60Hz
<b>Light Efficiency</b>	120 lm/w
<b>Power Factor</b>	> 0.95 pf
<b>Operating Temperature</b>	-40°C~50°C
<b>Storage Temperature</b>	-40°C~50°C
<b>Protection Level</b>	IP66
<b>Lighting Angle</b>	120
<b>Light Source</b>	LED
<b>Correlate Color Temperature</b>	3000-6500
<b>Color Rendering Index</b>	≥ 70
<b>LED Qty</b>	90
<b>Base Specifications</b>	CREE3030
<b>LED'S Operating Life</b>	100000h
<b>Start-Up Time</b>	≤ 0.2s
<b>Anti-Corrosion Grade</b>	WF2
<b>Explosion Proof Grade</b>	Ex d IIC T6 Gb
<b>Executive Standard</b>	GB3836.1, GB3836.2
<b>Weight</b>	4.7 kg (10lbs)
<b>Size</b>	230 x 211 (mm) / 9" x 8.3" in.

### Models Available

MODEL	VOLTAGE
<b>VL-EXS8231-50</b>	<b>50W</b>
<b>VL-EXS8231-60</b>	<b>60W</b>
<b>VL-EXS8231-80</b>	<b>80W</b>
<b>VL-EXS8231-90</b>	<b>90W</b>

### Dimensions

