

LED 45W HW Street Light

HLSLD-15-45-CWL-R

As per IS 10322 (Part-5/Sec-3) & IEC 60598-1



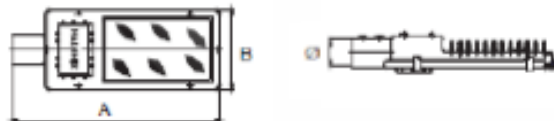
Product Description: Energy efficient 45W LED Street Light

Technical Specifications:

| | |
|------------------------------------|--|
| Main Housing / Heat Sink Material: | Aluminium PDC |
| Front Cover: | Clear toughened glass |
| Lens: | Suitable high efficient secondary lens |
| LED: | LM80 certified LED |
| Lumen Maintenance: | 50000 hours @ L70 |
| Control Gear: | Isolated, Electronic, CC Driver |
| Internal Wiring: | Insulated Cu wire |
| Hardware: | SS & MS Zinc plated and passivated |
| Ingress Protection: | IP66 |
| Impact Resistance: | IK05 |
| Operating Voltage Range: | 140V~ 270V |
| Operating Temperature: | -10°C~ 50°C |

GA Drawing:

A: 375mm
B: 145mm
C: 70mm
Φ: 45mm



All dimensions in mm (Tolerance: ±5mm)

Electrical & Photometry Parameters:

| Rated Voltage & Frequency | System Wattage | System Current | Power Factor | System Lumen Efficacy | CCT (As per ANSI) | CRI | THD | Driver Efficiency |
|---------------------------|----------------|----------------|--------------|-----------------------|-------------------|-----|------|-------------------|
| 240V, 50Hz | 45W±10% | <217mA | ≥0.95 | ≥100lm/W | 5700K | ≥70 | ≤10% | ≥85% |

System Protections:

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V±10V, surge protection of 5KV internal.

Application:

Street and road lighting, city squares, periphery lighting, complex boundary lighting, outdoor lighting, etc.

Mounting:

Pole mounting, suitable up to 40mm OD pipe bracket.

| | | | |
|--|---------------|-------|-------------------------------|
| Note: Due to continuous efforts in developing products, improvement M/s Halonix Technologies Pvt Ltd reserves the right to make changes in the design and data and withdraw the luminaires without any prior notice. | Prepared by : | MK/NK | Industrial Luminaire : |
| | Checked by : | AS | Cat. Ref. : HLSLD-15-45-CWL-R |
| | Approved by : | RL | Document No : HWR-R-2019-KLI |

As improvement in design & method of manufacturing is a continuous process, the product supplied may differ in details from above given data.