

LED 90W HW Street Light

HLSLD-MLC04-90-CWL

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

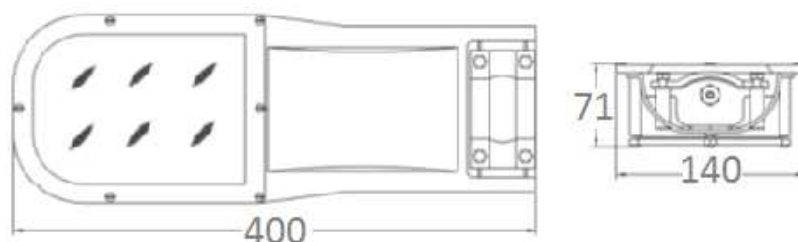
Product Description: Energy efficient 90W LED Street Light

Technical Specifications:

| | |
|------------------------|--|
| Housing Material: | Aluminum PDC, Top maintainable |
| Front Cover: | Clear toughened glass |
| Lens: | Suitable high efficient secondary lens |
| LED: | LM80 certified LED |
| LED Lumen Maintenance: | 50,000 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: | 140V~270V |
| Operating Temperature: | -10°C~ 50°C |



GA Drawing:



All dimensions in mm (Tolerance: ± 5 mm)

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 | 90W $\pm 10\%$ | <434mA | ≥ 0.95 | $\geq 100\text{lm/W}$ | 5700K | ≥ 70 | $\leq 10\%$ | $\geq 85\%$ |

System Protections:

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V ± 10 V and 5KV Internal Surge protection + 10KV SPD external.

Application:

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

Mounting:

Pole mounting, suitable up to 50mm 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 luminaries without any prior notice. | Prepared by : | MK/NK | Industrial Luminaire : |
| | Checked by : | AS | Cat. Ref. : HLSLD-MLC04-90-CWL |
| | Approved by : | RL | Document No : HWR-2019-KML |

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