

## LED 25W HW Street Light

### HLSLD-09-25-CWL-R

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

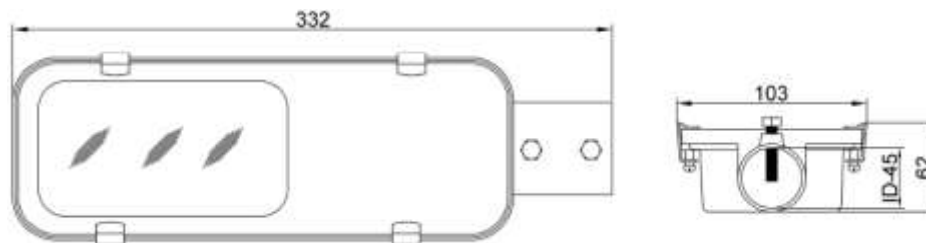


**Product Description:** Energy efficient 25W LED Street Light

#### 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:           | 90V~ 300V                              |
| Operating Temperature:             | -10°C~ 50°C                            |

#### GA Drawing:



All dimensions are in mm (Tolerance:  $\pm 5$ 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                | 25W $\pm 10\%$ | <121mA         | $\geq 0.95$  | $\geq 100\text{lm/W}$ | 6000K $\pm 500\text{K}$ | $\geq 70$ | $\leq 10\%$ | $\geq 85\%$       |

#### System Protections:

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V $\pm 10$ V, surge protection of 5KV internal + 10KV SPD.

#### Application:

Street and road lighting, city squares, periphery lighting, complex boundry 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 luminaries without any prior notice. | Prepared by : | MK/NK | Industrial Luminaire :        |
|  | Checked by :  | AS    | Cat. Ref. : HLSLD-09-25-CWL-R |
|  | Approved by : | RL    | Document No : HWR-R-2019-KAL  |

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