

## **LED 45W HW Street Light**

### **HLSLD-15-45-CWL-R**

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



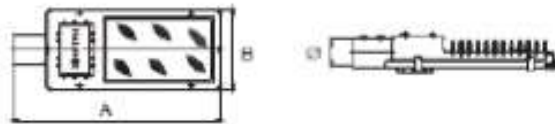
**Product Description:** Energy efficient 45W LED Street Light

### **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                      |
| Hardwares:                         | SS & MS Zinc plated and passivated     |
| Ingress Protection:                | IP66                                   |
| Impact Resistance:                 | IK05                                   |
| Operating Voltage Range:           | 90V~ 300V                              |
| Operating Temperature:             | -10°C~ 55°C                            |

### **GA Drawing:**

A: 375mm  
 B: 145mm  
 C: 70mm  
 Ø: 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              | 6000K ±500K       | ≥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 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-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.