

## **LED 45W HW Street Light with PLC dimming**

### **HLSLD-27-45-CWL-PLC-P**

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

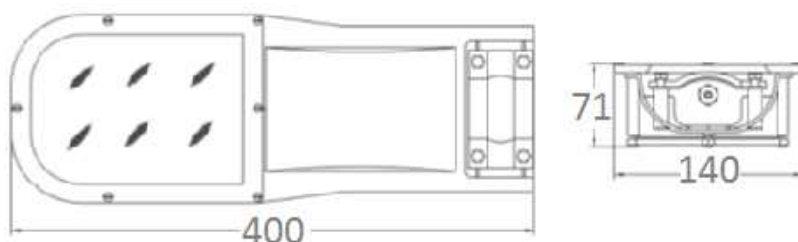
**Product Description:** Energy efficient 45W LED Street Light

### **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 Potted 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:  $\pm 5$ 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	45W $\pm 10\%$	<217mA	$\geq 0.95$	$\geq 100$ lm/W	5700K	$\geq 70$	$\leq 10\%$	$\geq 85\%$

### **System Protections:**

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

### **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-27-45-CWL-PLC-P
	Approved by :	RL	Document No : ADE-2019

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