

## LED 45W HW Street Light

**HLSLD-06-45-CWDL-R**

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

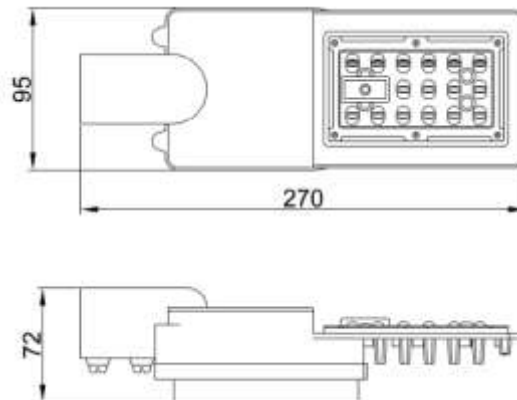
**Product Description:** Energy efficient 45W LED Street Light

### Technical Specifications:

Main Housing Material:	Aluminium PDC, Top maintainable
Front Cover Material:	Clear PC moulded lens
Lens:	Suitable high efficient moulded 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:	140V~ 270V
Operating Temperature:	-10°C~ 50°C



### GA Drawing:



All dimensions are in mm (Tolerance:  $\pm 5\text{mm}$ )

### 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	$\geq 0.95$	$\geq 100\text{lm/W}$	5700K	$\geq 70$	$\leq 10\%$	$\geq 85\%$

### System Protections:

Open & Short circuit protection, reverse polarity protection, 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 36mm 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.

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Checked by :	AS	Cat. Ref. : HLSLD-06-45-CWDL-R
Approved by :	RL	Document No : HWR-R-2019-BAL

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