

#### HALONIX TECHNOLOGIES PRIVATE LIMITED

Regd Office:-

B-31, Noida Phase - II, Dist.-Gautam Budh Nagar, U.P, Pin-201305

TECHNICAL DATA
SHEET

# **LED 48W HW Street Light**

HLSLD-15-48-CWL-R

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

Product Description: Energy efficient 48W LED Street Light

## **Technical Specifications:**

Main Housing / Heat Sink Material:

Front Cover:

Aluminium PDC

Clear toughened glass

Lens: Suitable high efficient secondary lens

LED: LM80 certified LED

Lumen Maintenance: 50000 hours @ L70

Control Gear: Isolated, Electronic, CC Driver

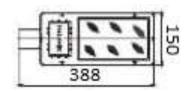
Internal Wiring: Insulated Cu wire

Hardwares: SS & MS Zinc plated and passivated

Ingress Protection: IP66
Impact Resistance: IK05

Operating Voltage Range:  $140V^{\sim} 270V$ Operating Temperature:  $-10^{\circ}C^{\sim} 50^{\circ}C$ 

## **GA Drawing:**





All dimensions in mm (Tolerance: ±5mm)

## **Electrical & Photometry Parameters:**

Rated Voltage	System	System	Power	System Lumen	CCT (As per ANSI)	CRI	THD	Driver
& Frequency	Wattage	Current	Factor	Efficacy				Efficiency
240V, 50Hz	48W±10%	<232mA	≥0.95	≥100lm/W	5700K	≥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,	· '	MK/NK	Industrial Luminaire :				
improvement M/s Halonix Technologies Pvt Ltd reserves the right to make changes in the design and data and withdraw the	Checked by :	AS	Cat. Ref. : HLSLD-15-48-CWL-R				
luminaries without any prior notice.	Approved by :	RL	Document No: HWR-R-2019-KLI				
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As improvement in design & method of manufacturing is a continuous process, the product supplied may differ in details from above given data.

