

## HALONIX TECHNOLOGIES PRIVATE LIMITED

Regd Office:-

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# TECHNICAL DATA SHEET

# **LED 90W HW Street Light**

HLSLD-15-90-WWL-R

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

Product Description: Energy efficient 90W 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

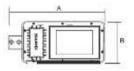
Hardwares: SS & MS Zinc plated and passivated

Ingress Protection: IP66
Impact Resistance: IK06

Operating Voltage Range: 140V~ 270V Operating Temperature: -10°C~ 50°C

# **GA Drawing:**

A: 408mm B: 195mm C: 80mm Φ: 54mm





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	90W±10%	<434mA	≥0.95	≥100lm/W	3000K	≥70	≤10%	≥85%

#### **System Protections:**

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V±10V, 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 50mm pipe bracket.

te: Due to continuous efforts in developing products		MK/NK	Industrial Luminaire :
provement M/s Halonix Technologies Pvt Ltd reserves the ht to make changes in the design and data and withdraw the	Checked by :	AS	Cat. Ref. : HLSLD-15-90-WWL-R
ninaries without any prior notice.	Approved by :	RL	Document No : STR-2018

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

