

HALONIX TECHNOLOGIES PRIVATE LIMITED

Regd Office:-

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

TECHNICAL DATA SHEET

LED 45W HW Street Light

HLSLD-15-45-WWL-R-BH

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 (more then 140x190mm)

with aluminium PDC frame (more then 179x320mm)

Lens: Suitable high efficient secondary lens

LED: LM80 certified LED Lumen Maintenance: 50000 hours @ L70

Control Gear: Isolated, Electronic, CC Driver

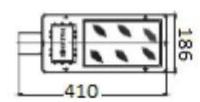
Internal Wiring: Insulated Cu wire

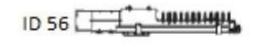
Hardwares: SS & MS Zinc plated and passivated

Ingress Protection: IP66
Impact Resistance: IK07

Operating Voltage Range: 120V~ 270V Operating Temperature: -10°C~ 50°C

GA Drawing:





All dimensions are 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	45W±10%	<217mA	≥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 external.

Application:

Street and road lighting, city squares, periphery lighting, complex boundry lighting, outdoor lighting, etc.

Mounting:

Pole mounting, suitable up to 50mm pipe bracket.

1	-1	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-15-45-WWL-R-BH
luminaries without any prior notice.	Approved by :	RL	Document No :