

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: ± 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	≥ 0.95	$\geq 100\text{lm/W}$	3000K	≥ 70	$\leq 10\%$	$\geq 85\%$

System Protections:

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

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-15-45-WWL-R-BH
	Approved by :	RL	Document No :

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