

LED 90W HW Street Light

HLSLD-10-90-WWL-I

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



Product Description: Energy efficient 90W LED Street Light

Technical Specifications:

Housing Material:	Aluminum PDC, Top maintainable
Front Cover:	Clear toughened glass
Lens:	Suitable high efficient secondary lens
LED:	LM80 certified LED
LED Lumen Maintenance:	50,000 hours @ L70
Control Gear:	Isolated, Electronic, CC driver
Internal Wiring:	Insulated Cu wire
Hardware:	SS & MS Zinc plated and passivated
Ingress Protection:	IP66
Impact Resistance:	IK05
Operating Voltage:	140V~270V
Operating Temperature:	-10°C~ 50°C

GA Drawing:



All dimensions 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	90W $\pm 10\%$	<434mA	≥ 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.

Application:

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

Mounting:

Pole mounting, suitable up to 60mm 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 :	Sanjay Sharma	Industrial Luminaire :
	Checked by :		Cat. Ref. : HLSLD-10-90-WWL-I
	Approved by :	Rajeev Chhabra	Document No : KON-2018

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