

## **LED 90W Street Light**

### **HLSLD-01-90-CWDL-R-SPD-HL2-P**

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 Poly Carbonate
Lens:	Suitable high efficient moulded lens
LED:	LM80 certified LED
Lumen Maintenance:	50000 hours @ L70
Control Gear:	Isolated, Electronic, CC Potted Driver
Internal Wiring:	Insulated Cu wire
Hardware:	SS & MS Zinc plated and passivated
Ingress Protection:	IP66
Impact Resistance:	IK07
Operating Voltage Range:	120V~ 270V
Operating Temperature:	-10°C~ 50°C



#### **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±10%	<434mA	≥0.95	120lm/W	5700K	≥70	≤10%	85%

#### **System Protections:**

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 310V±20V, surge protection of 5KV internal + 10KV SPD external.

#### **Application:**

Street and road lighting, city squares, periphery lighting, complex boundary 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-01-90-CWDL-R-SPD-HL2-P
	Approved by :	RL	Document No : HWR-ADC-2021

*As improvement in design & method of manufacturing is a continuous process, the product supplied may differ in details from above given data. Number of LEDs will be vary as per the wattage.*