

LED 90W HW Street Light**HLSLD-06-90-CWL-R-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 toughened glass

Lens:

Suitable high efficient secondary lens

LED:

LM80 certified LED

Lumen Maintenance:

50000 hours @ L70

Control Gear:

Isolated, Electronic, CC Potted Driver

Internal Wiring:

Insulated Cu wire

Hardwares:

SS & MS Zinc plated and passivated

Ingress Protection:

IP66

Impact Resistance:

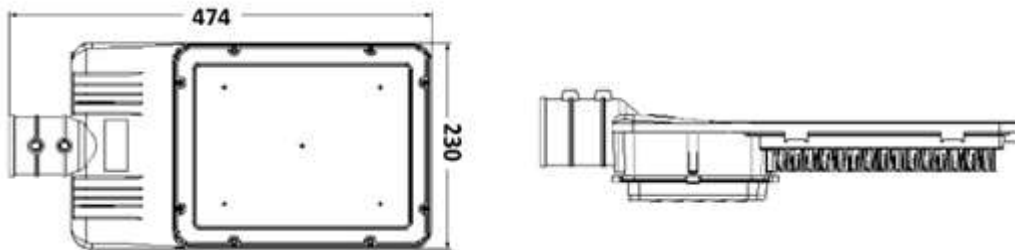
IK05

Operating Voltage Range:

140V~ 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	90W $\pm 10\%$	<434mA	≥ 0.95	$\geq 120\text{lm/W}$	5700K	≥ 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 boundry lighting, outdoor lighting, etc.

Mounting:

Pole mounting, suitable up to 55mm OD 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.

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Checked by :	AS	Cat. Ref. : HLSLD-06-90-CWL-R-HL2-P
Approved by :	RL	Document No : HWR-R-2019-BAL

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