

LED 120W HW Street Light

HLSLD-06-120-NWL-R-HL2

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

Product Description: Energy efficient 120W 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 Driver

Internal Wiring:

Insulated Cu wire

Hardware:

SS & MS Zinc plated and passivated

Ingress Protection:

IP66

Impact Resistance:

IK08

Operating Voltage Range:

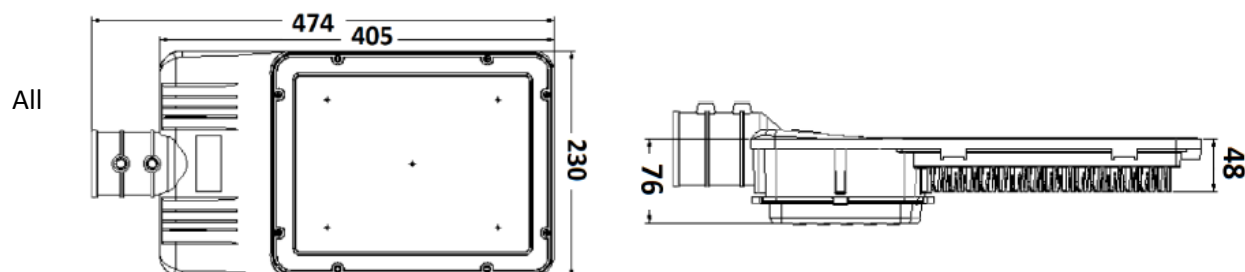
140V~ 270V

Operating Temperature:

-10°C ~ 50°C



GA Drawing:



dimensions in mm (Tolerance: $\pm 5\text{mm}$)

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	120W $\pm 10\%$	<553mA	≥ 0.95	$\geq 120\text{lm/W}$	4000K	≥ 70	$\leq 10\%$	$\geq 85\%$

System Protections:

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V $\pm 10\text{V}$, 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 55mm 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-06-120-NWL-R-HL2
	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.