

LED 120W HW Street Light

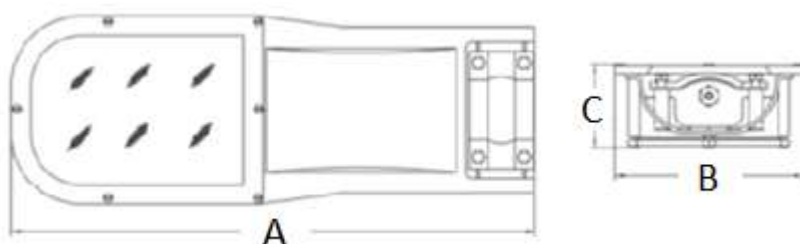
As per IS 10322 (Part-5/Sec-3) & IEC 60598-1

Product Description: Energy efficient 120W LED Street Light

Technical Specifications:

Housing Material:	Aluminum PDC, Top maintainable
Front Cover Material:	Clear PC moulded lens
Lens:	Suitable high efficient moulded lens
LED:	LM80 certified LED
LED Lumen Maintenance:	50,000 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:	IK05
Operating Voltage:	140V~270V
Operating Temperature:	-10°C~ 50°C

GA Drawing:



All dimensions are 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 $\pm 5\%$	<553mA	≥ 0.95	$\geq 100\text{lm/W}$	5700K	≥ 70	$\leq 10\%$	$\geq 85\%$

System Protections:

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V $\pm 10\text{V}$ and 5KV Internal Surge protection.

Application:

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

Mounting:

Pole mounting, suitable up to 50mm 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.	Prepared by :	MK./NK	Industrial Luminaire :
	Checked by :	AS	Cat. Ref.
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As improvement in design & method of manufacturing is a continuous process, the product supplied may differ in details from above given data.