

LED 100W HW Street Light

HLSLD-ML04-100-CWL-HL2-P

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

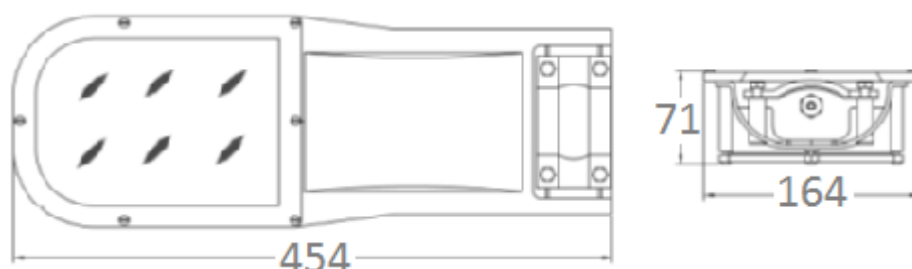
Product Description: Energy efficient 100W LED Street Light

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 Potted driver
Internal Wiring:	Insulated Cu wire with IP connector
Hardware:	SS & MS Zinc plated and passivated (SS Gland)
Ingress Protection:	IP66
Impact Resistance:	IK05
Operating Voltage:	140V~300V
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	100W $\pm 10\%$	<482mA	≥ 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 and 5KV Internal Surge protection + 10KV SPD.

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. : HLSLD-ML04-100-CWL-HL2-P
	Approved by :	RL	Document No :HWR-2019

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