

## LED 120W HW Street Light

### HLSLD-06-120-WWL-R-DIMM

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-Dimmable

Internal Wiring:

Insulated Cu wire

Hardware:

SS & MS Zinc plated and passivated

Ingress Protection:

IP66

Impact Resistance:

IK05

Operating Voltage Range:

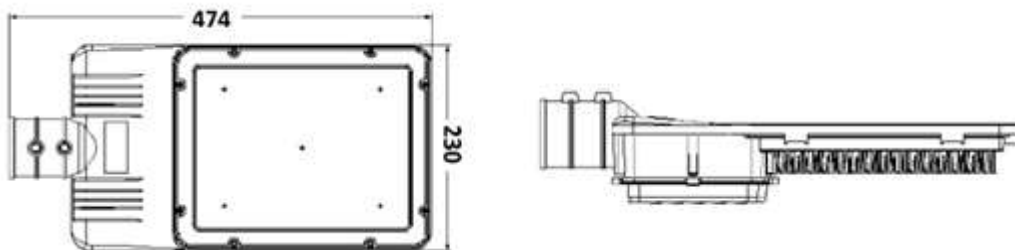
140V~ 270V

Operating Temperature:

-10°C~ 50°C



#### GA Drawing:



All dimensions are in mm (Tolerance:  $\pm 5$ 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	120W $\pm 5\%$	<553mA	$\geq 0.95$	$\geq 100\text{lm/W}$	3000K	$\geq 70$	$\leq 10\%$	$\geq 85\%$

#### System Protections:

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V $\pm 10$ 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.

Prepared by :	MK/NK	Industrial Luminaire :
Checked by :	AS	Cat. Ref. : HLSLD-06-120-WWL-R-DIMM
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.