

## **LED 120W HW Street Light-Dimmable**

### **HSMART LED SL HSLD-22-120-CWL-HL2-RF-DIMM**

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

**Product Description:** Energy efficient 120W LED Street Light with RF wireless controller & dimmable led driver

#### **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 (1V to 10V)

Internal Wiring:

Insulated Cu wire

Hardware:

SS & MS Zinc plated and passivated

Ingress Protection:

IP66

Impact Resistance:

IK05

Operating Voltage Range:

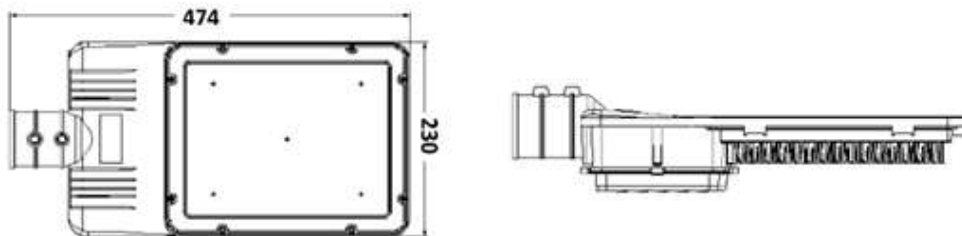
140V~ 270V

Operating Temperature:

-10°C~ 50°C



#### **GA Drawing:**



All dimensions in mm (Tolerance: ±5mm)

#### **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±5%	<553mA	≥0.95	≥120lm/W	5700K	≥70	≤10%	≥85%

#### **System Protections:**

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V±10V, 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 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. : HSMART LED SL HSLD-22-120-CWL-HL2- RF-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.