

## LED 20W HW Street Light with Astronomical Switch

### HLSLD-09H-20-WWL-R-AT-HL2-5M

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

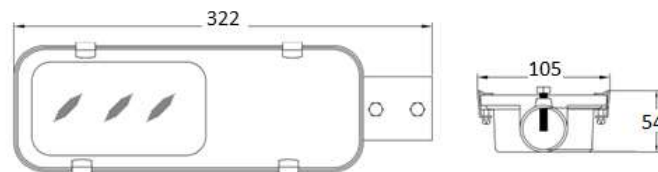
**Product Description:** Energy efficient 20W LED Street Light

#### 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:	IK05
Operating Voltage Range:	120V~ 280V
Operating Temperature:	-10°C~ 50°C
Input / Incoming wire:	3Core-1.5mm <sup>2</sup> tinned copper wire with PVC insulated & PVC sheathed and least 5meters length cable connected from LED fixture. Earth wire-green, Neutral wire-Black & Phase wire-Red color.



#### GA Drawing:



All dimensions are 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	20W±10%	<96mA	≥0.90	≥120lm/W	3000K	>70	<10%	≥85%

#### System Protections:

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V±10V, surge protection of 5KV internal.

#### Astronomical Switch:

Astronomical programmable time switch will automatically adjust the ON/OFF set time along with seasonal variations like sun rise and sun set as per the geographical area.

#### Application:

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

#### Mounting:

Pole mounting, suitable up to 35mm 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-09H-20-WWL-R-AT-HL2-5M
	Approved by :	RL	Document No : HWR-R-2019-HTH

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