

## LED 18W HW Street Light

### HLSLD-09-18-CWL-R

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

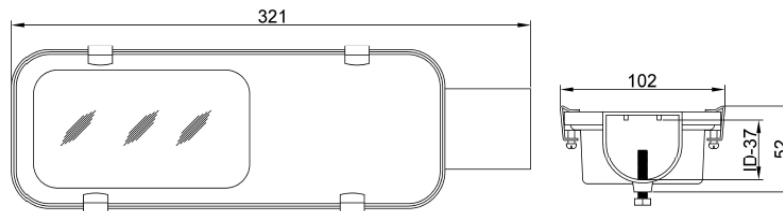
**Product Description:** Energy efficient 18W LED Street Light

#### 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:	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	18W $\pm 10\%$	<87mA	$\geq 0.95$	$\geq 100\text{lm/W}$	5700K	$\geq 70$	$\leq 10\%$	$\geq 85\%$

#### 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 boundary lighting, outdoor lighting, etc.

#### Mounting:

Pole mounting, suitable up to 32mm 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-09-18-CWL-R
	Approved by :	RL	Document No : HWR-R-2019-KML

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