

## LED 90W Flood Light with SPD

### HLFLD-ML21-90-CWL

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

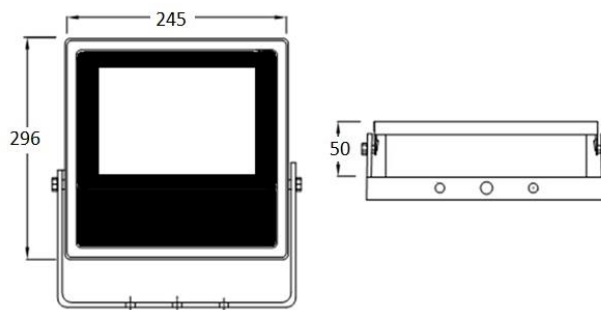
**Product Description:** Energy efficient 90W LED Flood Light

### Technical Specifications:

Main Housing/Heat Sink Material:	Aluminum PDC
Front Cover:	Clear toughened glass
LED:	LM80 certified LED
Lumen Maintenance:	50000 hours @ L70
Lens:	Suitable high efficient secondary lens
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 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	90W $\pm 10\%$	<434mA	$\geq 0.95$	$\geq 100\text{lm/W}$	5700K	$\geq 70$	$\leq 10\%$	$\geq 85\%$

### System Protections:

Open & Short circuit protection, reverse polarity protection, surge protection of 5KV internal and 10KV SPD.

### Application:

Open area lighting, industrial periphery lighting, parking, etc.

### Mounting:

Through 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 luminaires without any prior notice.

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Approved by :	RL	Document No : STR-2019

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