

## LED 100W Flood Light with SPD

### HLFLD-ML21-100-CWL-LW

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

**Product Description:** Energy efficient 100W LED Flood Light

### Technical Specifications:

Main Housing/Heat Sink Material:

Aluminum PDC

Front Cover:

Clear toughened glass

LED:

LM80 certified LED <3W

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:

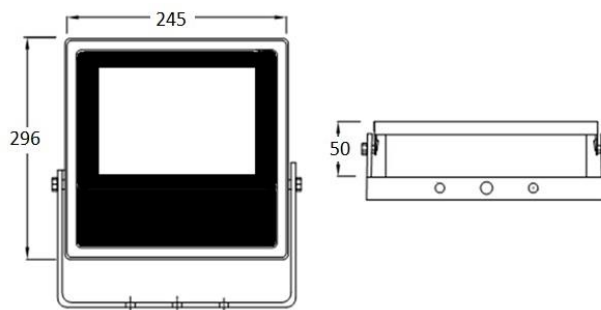
140V~ 270V

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                | 100W $\pm 10\%$ | <482mA         | $\geq 0.95$  | $\geq 100\text{lm/W}$ | 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.

Prepared by :

MK/NK

Industrial Luminaire :

Checked by :

AS

Cat. Ref. : HLFLD-ML21-100-CWL-LW

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.