

LED 100W Flood Light with SPD

HLFLD-ML21-100-CWL

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

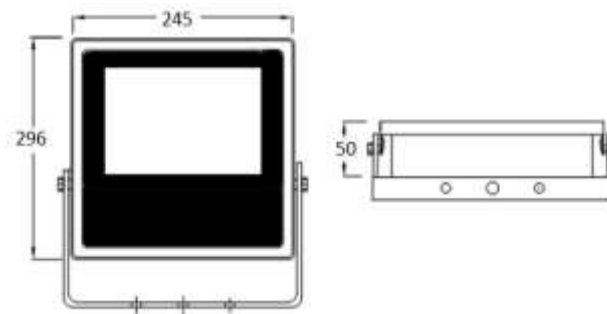
Product Description: Energy efficient 100W LED Flood Light

Technical Specifications:

| | |
|----------------------------------|----------------------------------------|
| Main Housing/Heat Sink Material: | Aluminum PDC |
| Front Cover: | Clear toughened glass |
| LED: | LM80 certified LED |
| Lumen Maintenance: | 50000 hours @ L70 |
| Lens: | Suitable high efficient secondary lens |
| Control Gear: | Isolated, Electronic, CC driver |
| Internal Wiring: | Insulated Cu wire |
| Hardwares: | SS & MS Zinc plated and passivated |
| Ingress Protection: | IP66 |
| Impact resistance: | IK05 |
| Operating Voltage Range: | 90V~ 300V |
| Operating Temperature: | -10°C~ 50°C |



GA Drawing:



All dimensions in mm (Tolerance: ± 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 | ≥ 0.95 | $\geq 100\text{lm/W}$ | 6000K $\pm 500\text{K}$ | ≥ 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 luminaries without any prior notice.

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|---------------|-------|--------------------------------|
| Prepared by : | MK/NK | Industrial Luminaire : |
| Checked by : | AS | Cat. Ref. : HLFLD-ML21-100-CWL |
| 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.