

LED 100W Flood Light with SPD

HLFLD-ML21-100-CWL-HL1

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

Hardware:

SS & MS Zinc plated and passivated

Ingress Protection:

IP66

Impact resistance:

IK05

Operating Voltage Range:

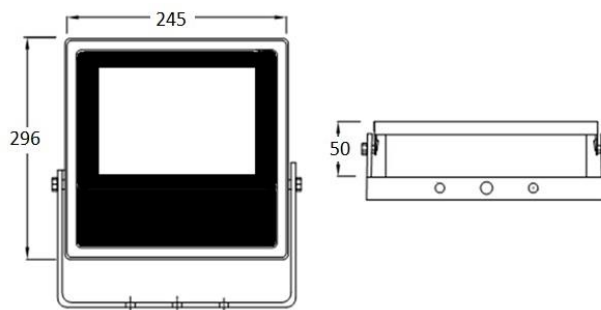
140V~ 270V

Operating Temperature:

-10°C~ 50°C



GA Drawing:



All dimensions in mm (Tolerance: ± 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	$\geq 110\text{lm/W}$	5700K	≥ 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-HL1

Approved by :

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