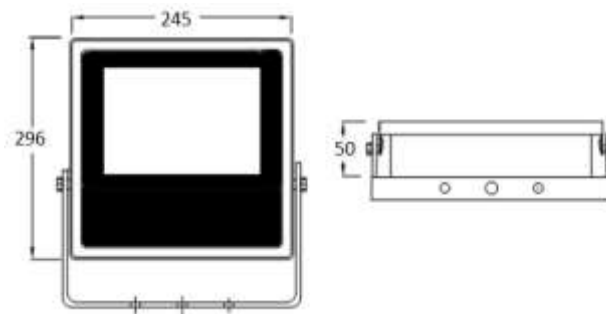


**LED 100W Flood Light with SPD****HLFLD-ML21-100-CWL**

As per IS 10322(Part-5/Sec-5) &amp; 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:	100V~ 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 &amp; 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

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.