

## LED 180W HW Flood Light

### HLFLD-ML15-180-CWL-R-HL2

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

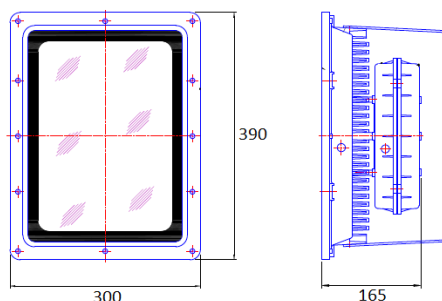
**Product Description:** Energy efficient 180W LED Flood Light



### Technical Specifications:

Main Housing / Heat Sink Material:	Aluminum PDC
CG Box Material:	Aluminum PDC
Front Cover:	Clear toughened glass
Lens:	Suitable high efficient secondary lens
LED:	LM80 certified LED
Lumen Maintenance:	50000 hours @ L70
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:  $\pm 5\text{mm}$ )

### 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	180W $\pm 5\%$	<829mA	$\geq 0.95$	$\geq 120\text{lm/W}$	5700K	$\geq 70$	$\leq 10\%$	$\geq 85\%$

### System Protections:

Open & Short circuit protection, reverse polarity protection, high voltage cut off at 300V $\pm 10\text{V}$ , surge protection of 5KV internal.

### 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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Checked by :	AS	Cat. Ref. : HLFLD-ML15-180-CWL-R-HL2
Approved by :	RL	Document No : HWR-R-2018

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