

LED 500W Flood Light

HLFLD-ML06-500-CWL-NI

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

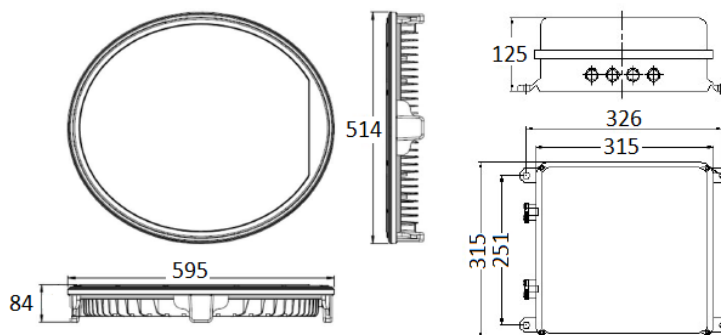
Product Description: Energy efficient 500W LED Flood Light

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
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
Control Gear:	Non integral, Isolated, Electronic, CC Driver, used upto 3meter wire distance from optical compartment.



GA Drawing:



All dimensions are 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	500W $\pm 5\%$	<2.303A	≥ 0.95	$\geq 100\text{lm/W}$	5700K	≥ 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 + 10KV SPD external.

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-ML06-500-CWL-NI
	Approved by :	RL	Document No : KON-2019

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