

LED 500W Flood Light

HLFLD-ML06-500-CWL-NI

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

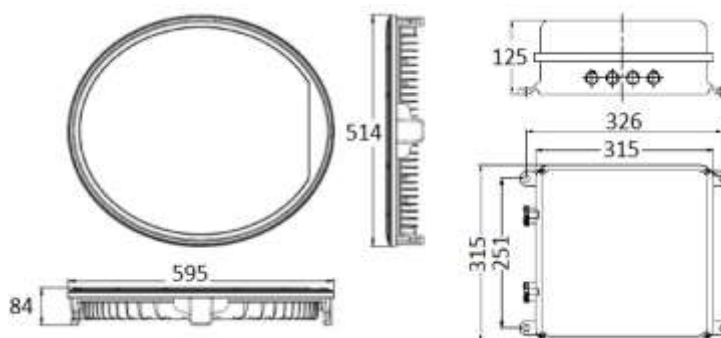
Product Description: Energy efficient 500W LED Flood Light

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: | 120V~280V |
| 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.