NANHUA® 南华机电

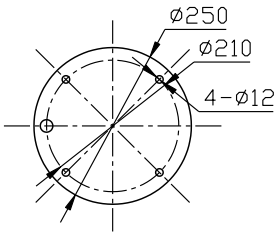
LM101 Medium Intensity Aviation Obstruction Light

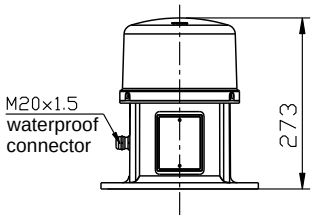
LM101-E1-V15

CE-10-1013-02

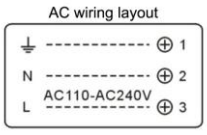
CAAC : LF13R033

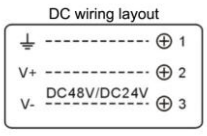
Installation(mm)





Connect drawing





Application

Application

LM101 Medium intensity obstruction light for marking Towers (Telecom, GSM), Smokestacks (heat-engine plant, coking plant, chemical plant etc),Buildings, Port devise, Construction machinery, wind power generator etc for air traffic warning.

Major functions & Features

- Based on LED technology, and meeting optics standard.
- Built-in circuit protect LED, extremely reliable and cost saving.
- Shockproof and corrosion resistant.
- Reflector：ABS material and vacuum plating.
- Combustibility rating：UL94-V0。

Specification

International standard	ICAO（Annex 14）medium intensity aviation obstruction light standard and FAA-L864	Vertical degree	3°Min
Light source	LED	Horizontal degree	360°
Color	Red/White	Flashing rate	30FPM(20~60times/min customizable)
Supply voltage	DC48V/AC110-240V(other voltage can be customized)	Flashing duration	150±20ms
Power consumption	30W（Steady）/ 6W (30 FPM)	LED life	≥80,000h
Intensity	2000±25％cd	On/Off level	50Lux
Ambient temperature	-40˚C ~ +70˚C	IP Protection	IP65
Humidity	10% ~ 95% (no coagulation)	Weight	4.5kg
Material	Base：Aluminum alloy，Housing：PC，Reflector：ABS，vacuum plating		

Installation and operation

- Secure the light on a smooth surface which has enough strength, if there is no mounting surface, we can customize special mounting bracket as request.
- When installation, please leave the photoelectric sensoring top away the nearby light source, at the same time, ensure the photocell will notbe covered by the near object.
- Make sure the power supply can match with the rated power of light before connecting.
- Unfasten two screws fixed on the nameplate and then remove the nameplate panel.
- Insert the power cable from the gland box and then connect them to the corresponding terminals inside the lamp body.
- Check whether the power cables are connected correctly before power on.

Notice

- Temperature rise when light working is normal phenomenon.
- Please do not open any components inside by yourself.
- This product is a sealed structure; Please do not be tampered with by anyone other than registered installer.

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