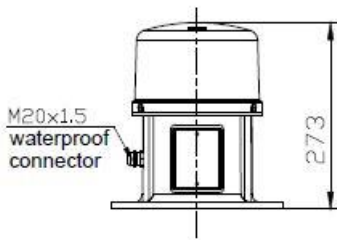
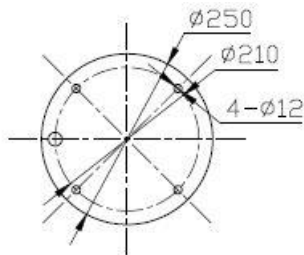


LM101 Medium Intensity Obstruction Light

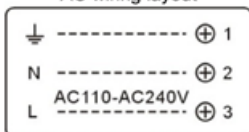


Installation (mm)

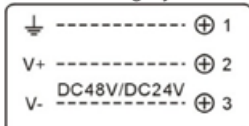


Connect drawing

AC wiring layout



DC wiring layout



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 censoring top away the nearby light source, at the same time, ensure the photocell will not be 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

- The part of material of products is PC (like lamp cover and lampshell), so it cannot direct or indirect touch the organic solvent, such as industrial alcohol, banana oil, isopropyl alcohol, carbon tetrachloride, cyclohexanone and so on, otherwise, the product will be corrosion.
- 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.