

LM101B-EDPGTS Medium Intensity Obstruction Light,
Type B
1000198_020

Product Description

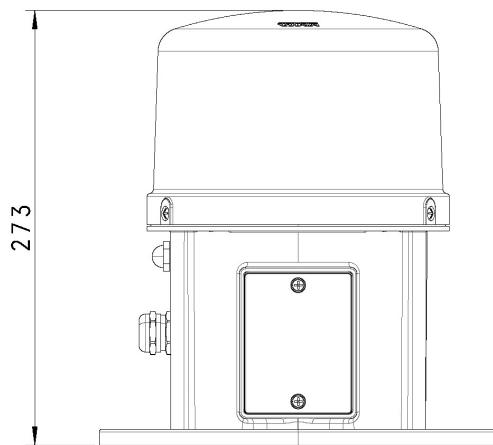
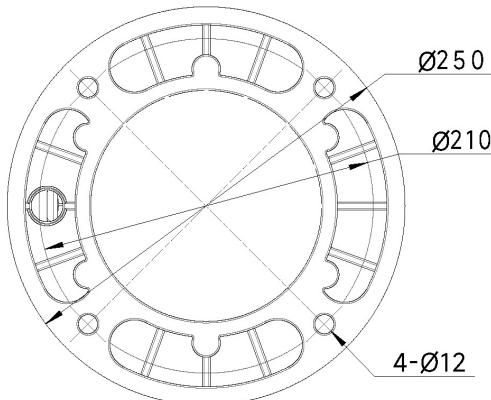
LM101 series is a medium intensity obstruction light, type B, designed to mark tall structures that ensure aviation safety. It adopts a working mode of red flash or steady burning at night, and combines advanced LED, optical and system control technologies to meet the most demanding applications. The product is typically used on structures between 45 meters and 105 meters above ground level, such as telecommunication towers, chimneys, high-rise buildings, bridges and wind turbines.



Product Features

- Aluminum alloy housing, with the yellow electrostatic powder-coated surface, for better vibration resistance and corrosion resistance;
- High and low-temperature resistant PC lens provides UV and impact resistance; Flammability level: UL94V-2;
- High-efficiency LED light source, energy saving and environmental protection, long lifespan;
- Professional EMC design;
- A wind load of more than 240km/h;
- Automatic daytime/night switch by Photocell control;
- With fault alarm inspection and fault alarm output;
- With GPS synchronization;





Electrical	
Operating voltage	48VDC
Peak power consumption	65W
Average power consumption	32.5W
Fault alarm	Dry contact@NO
Wiring	Cable gland
EMC	IEC61000-4-2
	Contact Discharge:±8kV Air Discharge:±15kV
	IEC61000-4-5
	Line-Line:±6kV Line-G:±6kV
Signal receiver type	GPS

Mechanical	
Housing color	Yellow
Housing material	Aluminium alloy
Cover material	PC
Surface finishing	Polyester coating
Weight	5.5kg
Mounting	Surface mount
Operating temperature	-40°C ~ +55°C
Storage temperature	-40°C ~ +70°C
Operating humidity	0 ~ 95%RH
IP rate	IEC60529 IP65
Salt spray rate	ISO9227 NSS 720h
Wiring entry position	Side entry

Photometric	
Light source	LED
Working state	Flashing
Flash rate	40FPM
Light color	Red
Effective intensity	≥2000cd
Vertical Beam Spread	≥3°
Horizontal beam spread	360°
LEDs lifetime	≥100,000h
On/off Level	50-100lux