FARLIGHT

FAR-LM5
TYPE A & B MEDIUM INTENSITY OBSTRUCTION LIGHT

Product Description:

The FAR-LM5 series light is a medium intensity obstruction light, type A/B, designed to mark tall structures, to ensure aviation safety.

It adopts a working mode of white flash during the daytime and red flash 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 105 meters and 150 meters above ground level, such as telecommunication towers, chimneys, high-rise buildings, bridges and wind turbines.

FEATURES

- Aluminum alloy housing, with a polyester coating powder-coated surface, for better vibration 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. The LED is energy saving for environmental protection and a 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 foult alarm output
- With GPS syncronisation
- With RS485 communication
- 48V DC Operating voltage

IP 66 | 55°C / -40°C | DC

Farlight Australasia Pty Ltd PO Box 822 Williamstown VIC 3016
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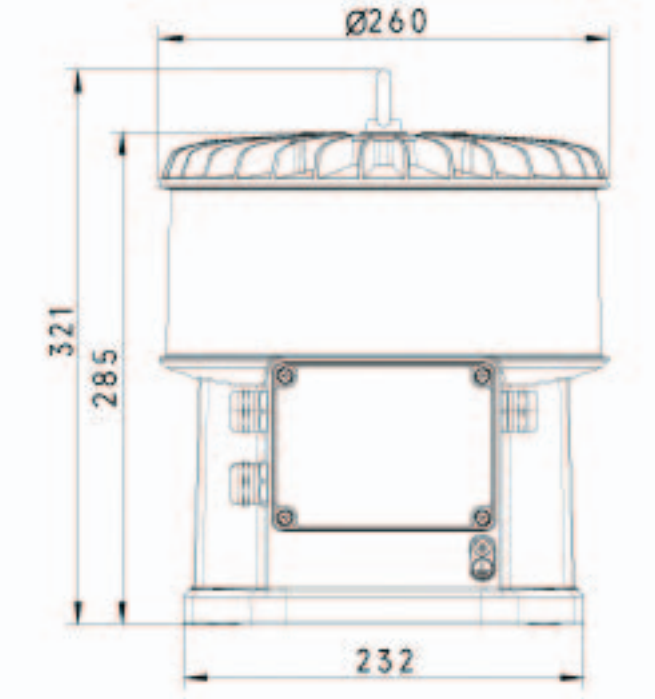

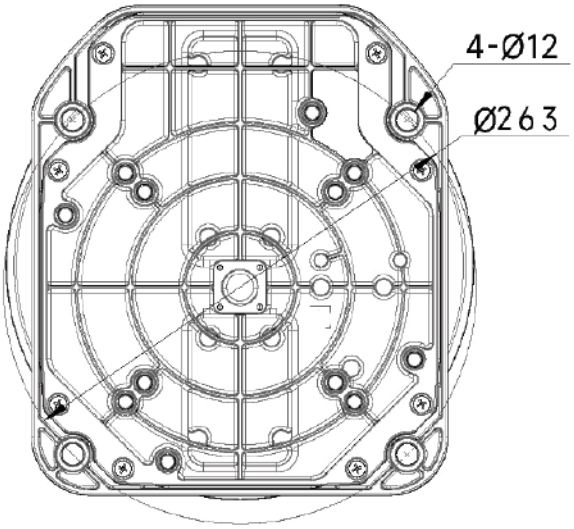

Electrical	
Operating voltage	48V DC
Peak power consumption	700W
Average power consumption	Daytime 64W@60FPM
	Daytime 42W@40FPM
	Daytime 32W@30FPM
	Daytime 22W@20FPM
	Night 20W@40FPM
Communication mode	RS485
Fault alarm	Dry contact @ NO or NC optional
Wiring	Cable gland
EMC	IEC61000-4-2
	Contact Discharge:±8kV, Air Discharge: ±15kV
	IEC61000-4-5
	Line-Line:±6kV Line-G:±6kV

Photometric	
Light source	LED
Working state	Flashing
Flash rate	Daytime/Twilight: 20/30/40/60FPM
	Night: 20/30/40/60FPM
	Default: 40FPM
Flash duration	Daytime/Twilight: 95ms
	Night: 670ms
Light colour	Daytime/Twilight: White
	Night: Red
Effective intensity	Daytime/Twilight: ≥20000cd
	Night: ≥ 2000cd
Vertical beam spread	≥3°
Horizontal beam spread	360°
LEDs lifetime	≥100,000h
On/Off level	50-100lux

Mechanical	
Housing color	Yellow
Housing material	Aluminium alloy
Cover material	PC
Surface finishing	Polyester coating
Weight	9kg
Mounting	Surface mount
Operating temperature	-40°C ~ +55°C
Storage temperature	-40°C ~ +70°C
Operating humidity	0%~95% RH
IP rate	IEC60529 IP66
Salt spray rate	ISO9227 NSS 1440h

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