

MICROLUX LIGHTING

MICROLUX SPAIN

Medium Intensity Aviation Light – Type B/C

Red

Model: MI-02-B/C

Calle Diputacion 231

08007 Barcelona

Spain

Teléfono: (34) 632 234051

Fax: (34) 96 353 52 89

www.microluxlighting.com

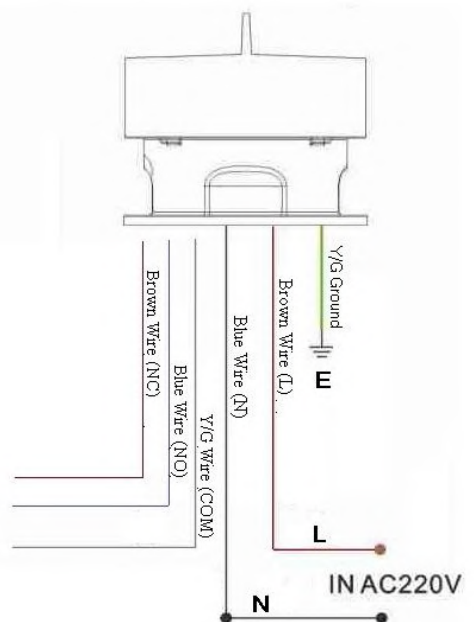
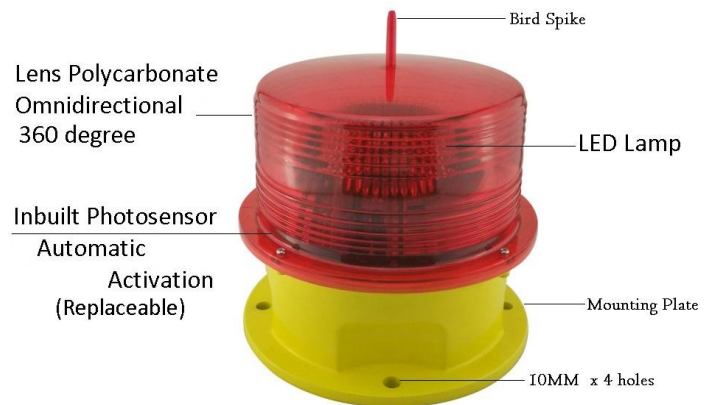
info@microluxlighting.com

Application Area:

The Medium Intensity obstruction lights are designed for tall structures such as telecommunication tower, ATC tower, High Mast, Chimneys, Tall buildings and Bridges, which height is between 45 meter to 120 meters to play aviation warning role.

Features:

- Based on LED technology and meets the optics standard
- Extremely Reliable Major Maintenance Cost Saving
- Resistant to Shock and Vibrations
- Corrosion Resistant Lamp & Housing
- Self-contained wiring compartment
- Base material-- aluminum alloy
- Combustibility rating: UL94V0
- IP protection: IP65
- Ambient temperature: -30°C - +55°C
- Typical LED lifetime: >100,000 hrs
- All LEDs are connected in parallel, which are powered by low voltage, constant current; when and if one LED fails, it will not affect other LEDs
- Circuit with surge protection
- Additional function: Built in photocell
- Additional function: Flash synchronization by GPS function with other Microlux flashing Lights



MICROLUX LIGHTING

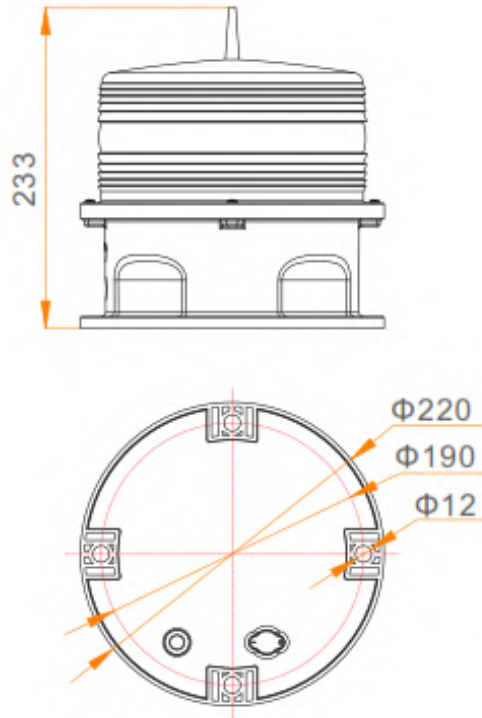
Specifications:

Compliance: ICAO FAA Type	ICAO Annex 14, Type B/C FAA L-864
Power Voltage / Frequency	AC230V / 50-60Hz (DC48V / AC120V optional)
Consumption	20W (flashing), 30W(steady)
Lighting Type	Flashing (Type B) Steady Burning (Type C)
Flash Frequency	40-60 times/minute
Intensity	2,000cd (±25%) nighttime
Horizontal Lighting Angel	360 °
Vertical Lighting Angel	3 °
Lamp Usage Life	100,000 hrs
Light Source	LED Lamp
Light Color	RED
Size	220mm × 233mm
Protection Grade	IP65
Temperature	-30°C ~ +55°C
Anti-Wind	80 meter/second
Weight	3kg
Additional Functions:	Built-in Photocell (On/Off Level 50Lux) Built- in GPS for flashing Synchronization

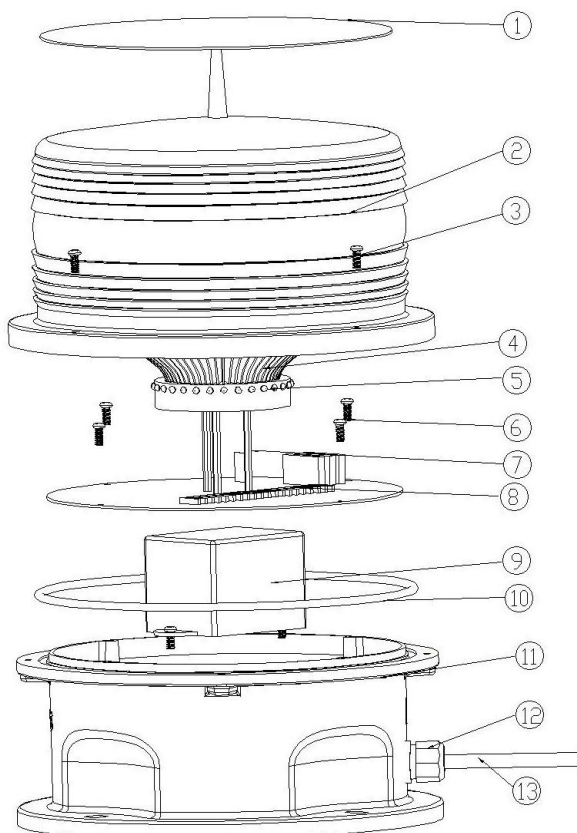
Ordering Code:

Series	Color	Voltage	Options
MI-02	Red	1: AC110-120V	B: ICAO Type B (flashing)
	Green	2: AC220-240V	C: ICAO Type C (steady burning)
	White	3: DC48V	P: Built-in photosensor
		4: DC24V	A: Alarm line powered
			MT: Marine Treated
			MB: Mounting Bracket

Dimensions(mm):



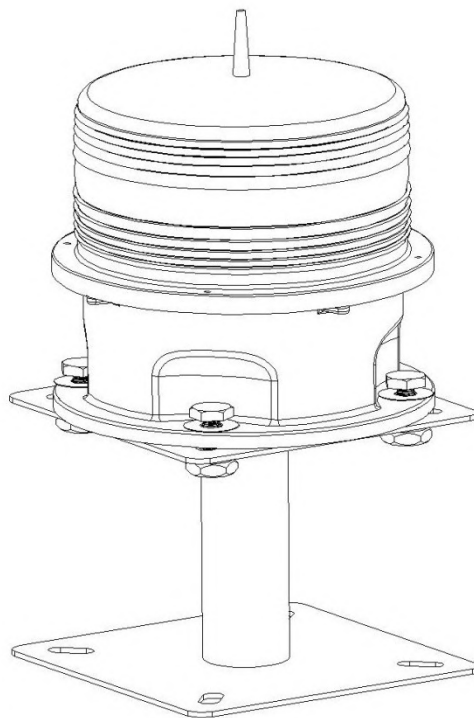
Design:



- ①Sun-shield
- ②UV-protected polycarbonate Lens
- ③Bolt
- ④Heat sink
- ⑤Ultra high intensity LED
- ⑥Bolt
- ⑦Copper cylinder
- ⑧Printed circuit board
- ⑨Power transformer
- ⑩Water proof gasket
- ⑪Die-casting aluminum base
- ⑫Cable glands
- ⑬Cable

Mounting Details:

Surface Elevation Mounting Bracket (MB-50)



Side Elevation Mounting Bracket (MB-60)

