

Medium Intensity LED LMIC Type C – Red Steady



Description:

The LMIC is a medium intensity light with multi-LEDs technology, developed with an aluminium design for a natural fresh cooling system. Dedicated to a day and night red flash beaconing, it is a long life system (100 000 Hours), very strong with a low consumption (50w).

The LMIC is provided with photocell for an automatic switch ON/OFF, and a dry contact for failure alarm.

Moreover, it can be solar power supplied.

It has been designed for an easy installation.

Advantages :

- Wired synchronization integrated, optical fiber, GPS and TCPIP available
- Long life time > 10 years
- Multi – LEDs
- Low consumption < 50W
- Lightning protection
- Delta Box exclusive self test included with photocell
- No maintenance
- 2 year warranty
- Zamac box with epoxy powder painting
- Connection plug IP68, in option

Applications :

Rules concerning aircraft beaconing are established by the ICAO

Medium intensity lights can be installed on structures up to 150 meters high. Beyond 90 meters, it is necessary to plan several levels of lights.

According to the rules, an uninterruptible power supply cabinet has to be installed to assure a 12 hour beaconing in case of power supply failure.

Models

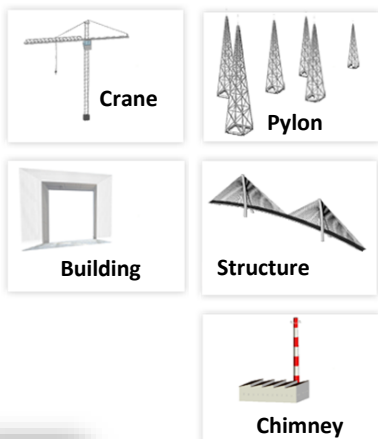
| Model | Voltage | Photocell | Dry contact |
|-----------|-------------|--------------|--------------|
| LMIC00BB* | 48V DC | Not included | Not included |
| LMIC11BB | 48V DC | Included | Included |
| LMIC00MB* | 110-240V AC | Not included | Not included |
| LMIC11MB | 110-240V AC | Included | Included |

*to installed with Safebox or solar power supply or GPS

Regulations:

- OACI, STAC N° 2013A045
- CE
- FAA Compliant L-864

Scope of application:

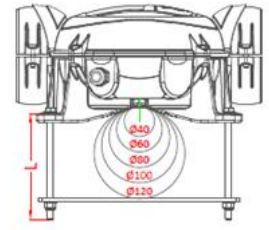
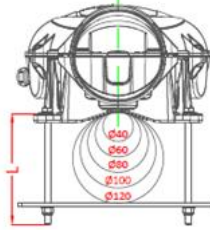


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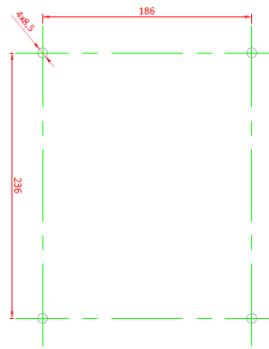
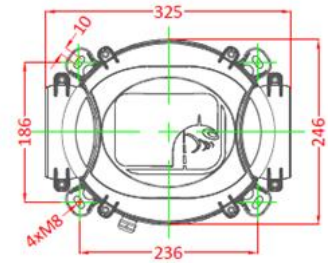
Characteristics

| | |
|-------------------------|--|
| Luminous | |
| Luminous source | LEDs |
| Colour | Red steady burning |
| Horizontal beam | 360° |
| Vertical beam | 3° |
| Luminous intensity | 2 000 Cd |
| MTBF | 100 000 Hours |
| Electrics | |
| Voltage | 48V DC / 110-240V AC |
| Lightning protection | Integrated |
| Functioning temperature | -55°C to +55°C |
| Medium consumption | <50 Watts |
| Current Imax | To 48V : I=1500mA To 230V : I<350mA |
| Protection class | IP66 |
| Mechanicals | |
| Body material | Zamac |
| Body lamp material | Aluminium |
| Lens material | Polycarbonate |
| Mounting | M8 screw |
| Height | 365mm |
| Width | 410mm |
| Weight | 16 Kg |
| Environment | |
| Humidity | 100% |
| Gel | -60°C |
| Wind speed | 240 Km/h |
| Certifications | |
| CE | EN60947-1 CEI60364, NF C15-100 EN60529 |
| OACI | Annexe 14, Volume I, Chapter 6 |
| FAA | Compliant L-864 |
| Quality | ISO 9001 ; 2008 |
| Warranty | 2 years |
| Options | Photocell Dry contact for failure alarm |

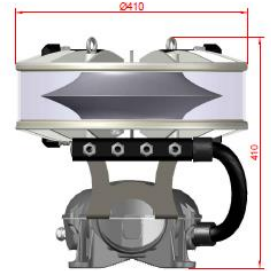
Dimensions :



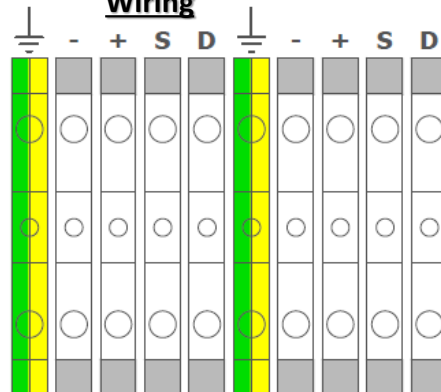
| SCREW LENGTH | |
|--------------|-----|
| Ø : | L : |
| Ø40 | 50 |
| Ø60 | 70 |
| Ø80 | 90 |
| Ø100 | 110 |
| Ø120 | 130 |



Drilling



Wiring



Power supply

To next light

Available accessories for installation

- Power supply
- UPS system
- Solar kit

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