

Medium Intensity LED LMIB Type B – Red Flash



Description:

The LMIA 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 white flash beaconing, it is a long life system (100 000 Hours), very strong with a low consumption (20w).

The LMIA 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 < 20W
- 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

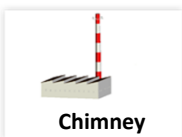
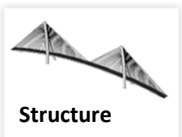
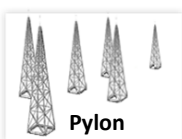
Model	Voltage	Photocell	Dry contact
LMIB00BB*	48V DC	Not included	Not included
LMIB11BB	48V DC	Included	Included
LMIB00MB*	110-240V AC	Not included	Not included
LMIB11MB	110-240V AC	Included	Included

*to installed with Safebox or solar power supply or GPS

Regulations:

- OACI, STAC N° 2013A045
- CE
- FAA Compliant L864

Scope of application:

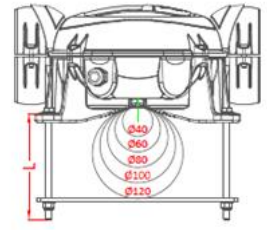
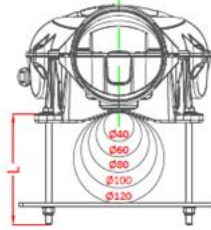


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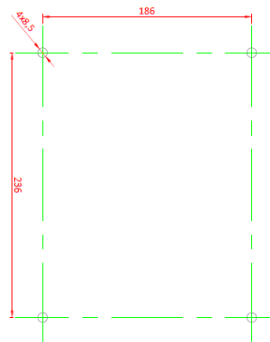
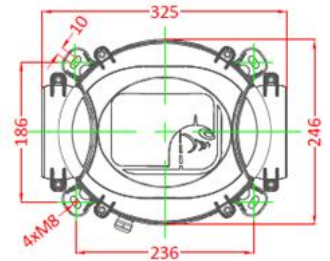
Characteristics

Luminous	
Luminous source	LEDs
Colour	Red flash
Horizontal beam	360°
Vertical beam	3°
Luminous intensity	2 000 Cd
Flash frequency	20 to 60 fpm
MTBF	100 000 Hours
Electrics	
Voltage	48V DC / 110-240V AC
Lightning protection	Integrated
Functioning temperature	-55°C to +55°C
Medium consumption	<15 Watts to 20 fpm
Current I _{max}	To 48V : I=1500mA To 230V : I=350mA
Protection class	IP66
Mechanicals	
Box 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

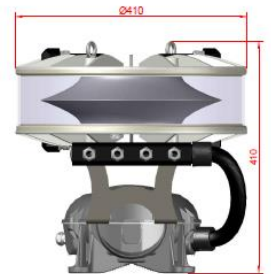
Dimensions :



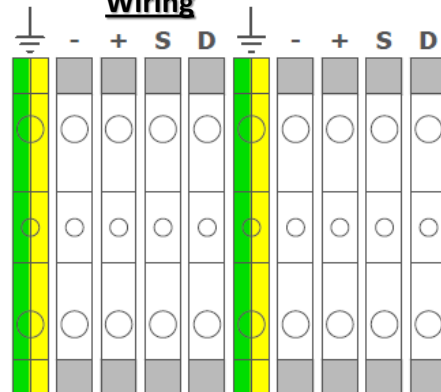
SCREW LENGTH	
Ø :	L :
Ø40	50
Ø60	70
Ø80	90
Ø100	110
Ø120	130



Drilling



Wiring



Power supply

To next light

Available accessories for installation

- Power supply
- UPS system
- Solar kit