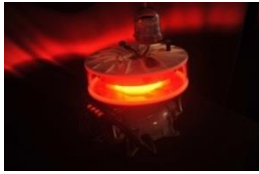
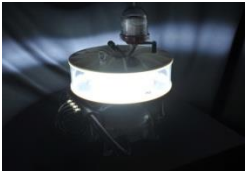
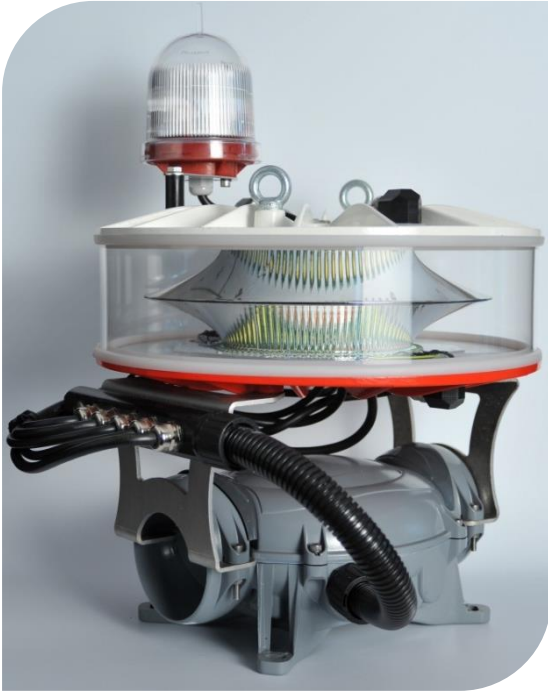


# Medium Intensity LED

## LMIAB Type A&B – White Flash and Red Flash



### Description:

The LMIAB is a medium intensity light with multi-LEDs technology, developed with an aluminium design for a natural fresh cooling system. Dedicated to a day white flash and night red beaconing, it is a long life system (100 000 Hours), very strong with a low consumption (90w).

Photocell and dry contact can be provided either in the light or deported in a system of control (Safety power supply, control panel).

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 < 90W
- 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

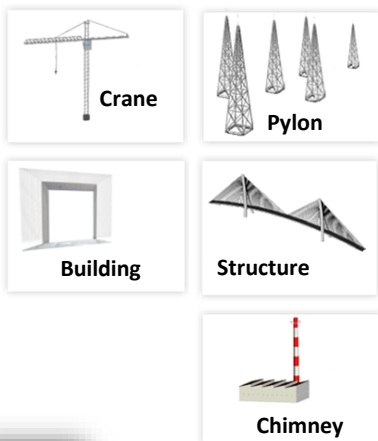
Model	Voltage	Photocell	Dry contact
LMIAB00BB*	48V DC	Not included	Not included
LMIAB11BB	48V DC	Included	Included
LMIAB00MB*	110-240V AC	Not included	Not included
LMIAB11MB	110-240V AC	Included	Included

\*to installed with Safebox or solar power supply or GPS

### Regulations:

- OACI, STAC N° 2013A045
- CE
- FAA Compliant L-864 /L-865

### Scope of application:



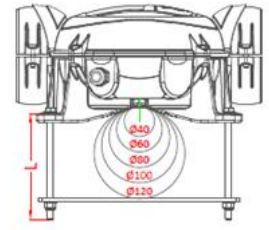
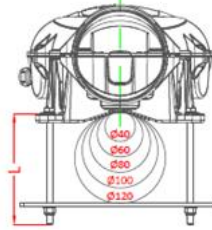
# Medium Intensity LED

## LMIAB Type A&B – White Flash and Red Flash

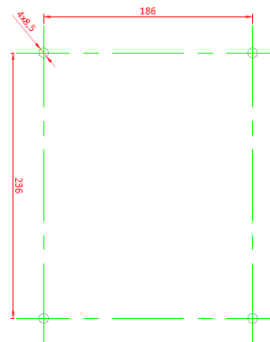
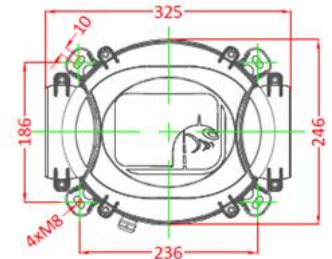
### Characteristics

<b>Luminous</b>	
Luminous source	LEDs
Colour	White flash (Day) Red flash (Night)
Horizontal beam	360°
Vertical beam	3°
Luminous intensity	20 000 Cd (Day, white) 2 000 Cd (Night, red)
Flash frequency	20 to 60 fpm
MTBF	100 000 Hours
<b>Electrics</b>	
Voltage	48V DC / 110-240V AC
Lightning protection	Integrated
Functioning temperature	-55°C to +55°C
Day Max Consumption	<40 Watts @ 40 fpm
Night Max Consumption	<15 Watts @ 40 fpm
Current I <sub>max</sub> (day mode)	To 48V : I=4400mA To 230V : I=1000mA
Current I <sub>max</sub> (night mode)	To 48V : I=1500mA To 230V : I=350mA
Protection class	IP66
<b>Mechanicals</b>	
Box material	Zamac
Body lamp material	Aluminium
Lens material	Polycarbonate
Mounting	M8 screw
Height	410mm
Width	410mm
Weight	18 Kg
<b>Environment</b>	
Humidity	100%
Gel	-60°C
Wind speed	240 Km/h
<b>Certifications</b>	
CE	EN60947-1 CEI60364, NF C15-100 EN60529
ICAO	Annexe 14, Volume I, Chapter 6
FAA	Compliant L-865 / L-864
Quality	ISO 9001 ; 2008
<b>Warranty</b>	2 years
<b>Options</b>	Photocell Dry contact for failure alarm

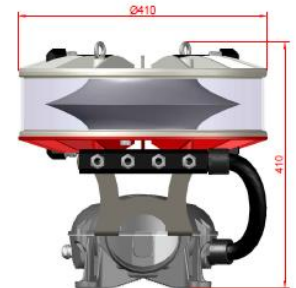
### Dimensions :



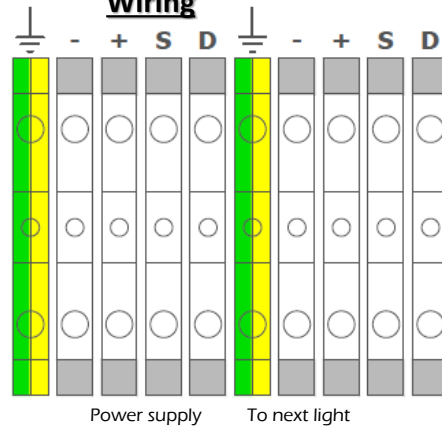
SCREW LENGTH	
Ø :	L :
Ø40	50
Ø60	70
Ø80	90
Ø100	110
Ø120	130



Drilling



### Wiring



Power supply

To next light

### Available accessories for installation

- Power supply
- UPS system
- Solar kit