

Medium Intensity LED LMIA Type A – White 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 up to 90w).

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
- Average consumption < 45W
- Lightning protection
- Automatics test sequence 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

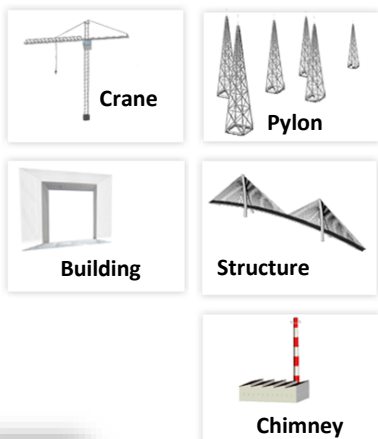
Medium intensity lights can be installed on structures up to 150 meters high. Beyond 90 meters, it is necessary to plan several levels of lights.

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.

Regulations:

- OACI, STAC N° 2010A022
- CE
- FAA Compliant L865

Scope of application:



Models

Model	Voltage	Photocell	Dry contact
LMIA00BB*	48V DC	Not included	Not included
LMIA11BB	48V DC	Included	Included
LMIA00MB*	110-240V AC	Not included	Not included
LMIA11MB	110-240V AC	Included	Included

*To be installed with a safebox or a solar power supply or or GPS

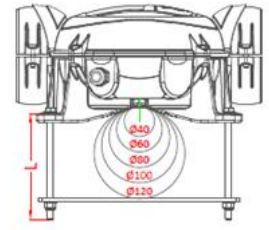
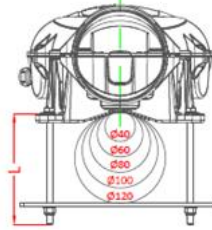


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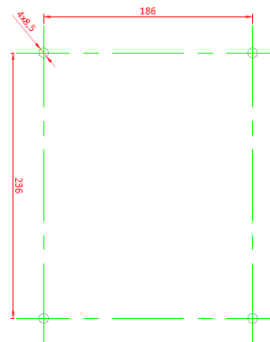
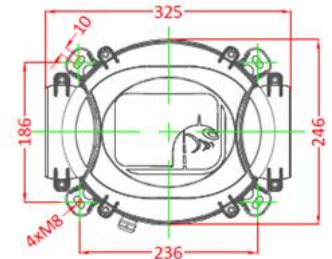
Characteristics

Luminous	
Luminous source	LEDs
Colour	White flash
Horizontal beam	360°
Vertical beam	3°
Luminous intensity	20 000 Cd Day 2 000 Cd Night
Flash frequency	20 to 60 fpm
MTBF	100 000 Hours
Electrics	
Voltage	48V DC / 110-240V AC
Lighting protection	Integrated
Functioning temperature	-55°C to +55°C
Day Consumption max	<40 Watts at 20 fpm
Night Consumption max	<15 Watts at 20 fpm
Courant I _{max}	To 48V: I=4400mA To 230V: I=1000mA
Protection class	IP66
Mechanicals	
Box material	Zamac
Body lamp material	Aluminium
Lens material	Polycarbonate
Mounting	M8 screw
Height	410mm
Width	410mm
Weight	18 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-865
Quality	ISO 9001 ; 2008
Options	Photocell integrated Dry contact for failure alarm integrated

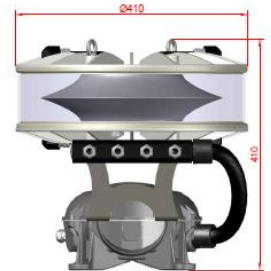
Dimensions :



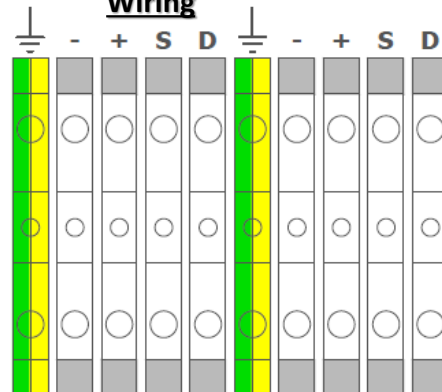
SCREW LENGTH	
Ø :	L :
Ø40	50
Ø60	70
Ø80	90
Ø100	110
Ø120	130



Drilling



Wiring



Power supply

To next light

Available accessories for installation

- Power supply
- UPS system
- Solar kit