



OBSTRUCTION LIGHTS MEDIUM INTENSITY LED

LMIA TYPE A – WHITE FLASH

01. DESCRIPTION

The LEDEOMIA 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 beaconing, it is a long life time (100 000 hours), very strong with a low consumption (20w up to 90w). The LEDEOMIA is provided with a 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.

02. ADVANTAGES

- Integrated synchronization wired, optical fiber, GPS and TCPIP available
- Long life time > 10 years
- Multi-LEDs
- Average consumption < 45W
- Delta Box exclusive self-test included with photocell
- No maintenance
- 2 years warranty
- Zamac box with epoxy powder painting
- IP66

03. APPLICATIONS

Rules concerning aircraft beaconing are established by the ICAO (Annex 14, Chapter 6). Medium Intensity lights can be installed on structures from 45 to 150 meters tall, with an intermediary level of marking. According to the rules, an uninterruptible power supply cabinet has to be installed to assure 12 hours of beaconing in case of power supply failure.

04. MODELS

REFERENCE	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 the Safebox or a solar power supply or a GPS



REGULATIONS

- OACI, STAC N° 2010A022
- CE
- Compliant FAA L-865

SCOPE OF APPLICATIONS





05. CHARACTERISTICS

LUMINOUS

Luminous source	LEDs
Color	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

ELECTRICAL

Voltage	48V DC / 110-240V AC
Functioning temperature	-55°C to +55°C
Consumption max	<40 Watts at 20 fpm
Current Imax	To 48V : I = 4 400mA To 230V : I < 1 000mA
Protection class	IP66

MECHANICAL

Box material	Zamac
Body lamp material	Aluminium
Lens material	Polycarbonate
Mounting	M8 screw (not provided)
Height	410mm
Width	410mm
Weight	17 Kg

ENVIRONMENTAL

Humidity	100%
Frost	-60°C
Wind speed	240 Km/h

CERTIFICATIONS

	EN60947-1
CE	CEI60364, NF C15-100 2014 / 35 / UE
OACI	Annex 14, Volume I, Chapter 6
FAA	Compliant L-865
Quality	ISO 9001 ; 2008

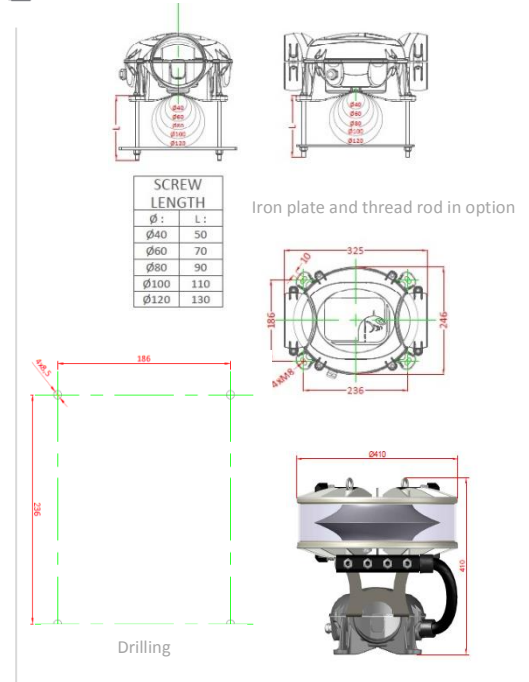
WARRANTY

Warranty period	2 years
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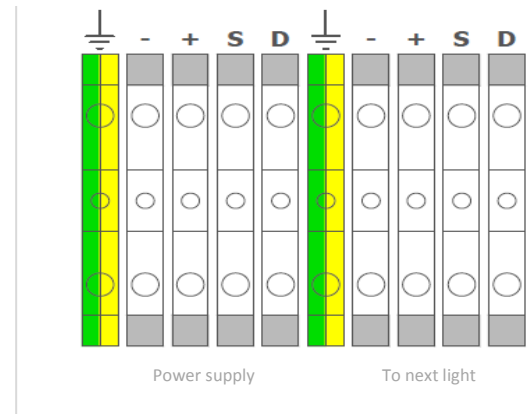
OPTIONS

Photocell integrated	✓
Dry contact for failure alarm integrated	✓

+ DIMENSIONS



+ WIRING



+ AVAILABLE ACCESSORIES FOR INSTALLATION

- Power supply
- UPS System
- Solar kit
- Iron plate and thread rod