

Obstruction lights > Low Intensity LED ATEX

LBIA Type A > 10 Cd



Description:

The LEDEOBIA is based on multi-LEDs technology. Dedicated to a night beaconing, it is a long life beacon (100 000 hours), very strong with a low consumption (<3w).

The LEDEOBIA can be provided with photocell for an automatic switch ON/OFF, and a dry contact for failure alarm.

It has been designed for an easy installation.

Advantages:

- Life expectancy of 10 years
- Multi – leds
- Low consumption < 3W
- Lightning protection
- Auto test sequence included with photocell
- No maintenance
- 5 year warranty*

Regulations:

- OACI, STAC N° 2010A012
- CE

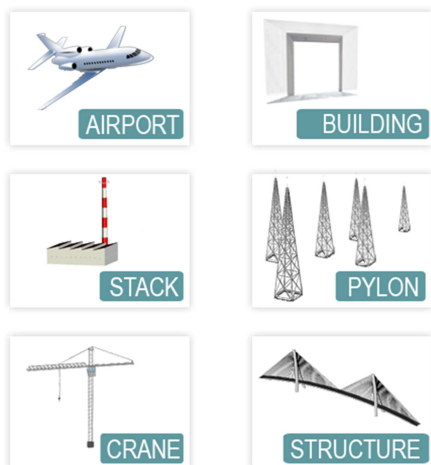
Applications :

Rules concerning aircraft beaconing are established by the ICAO (Annex 14, chapter 6).

Low intensity beacons can be settled on structures up to 45 meters.

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

Scope of applications:



Models:

Reference	Voltage	Photocell	Dry contact
LBIA00CX	12, 24, 48V DC	Not included	Not included
LBIA01CX	12, 24, 48V DC	Not included	Included
LBIA11CX	12, 24, 48V DC	Included	Included
LBIA00MX	110-240V AC	Not included	Not included
LBIA01MX	110-240V AC	Not included	Included
LBIA11MX	110-240V AC	Included	Included

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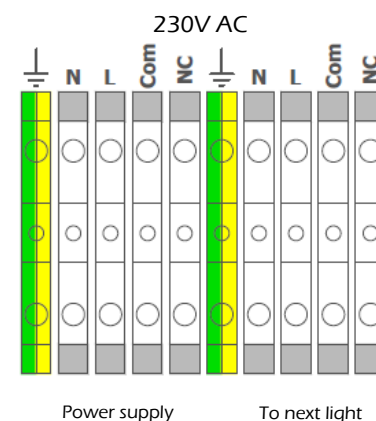
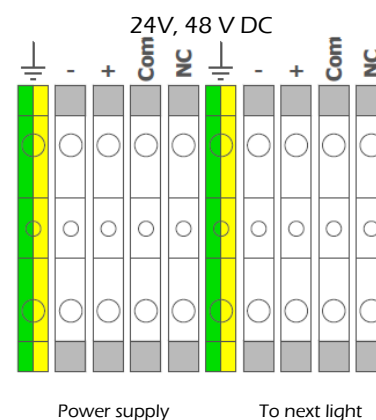


Characteristics:

Wiring:

Luminous	
Luminous source	LEDs
Colour	Red
Horizontal beam	360°
Vertical beam	10°
Luminous intensity	>10 Cd
MTBF	100 000 Hours
Electrics	
Voltage	12, 24, 48V DC / 110-240V AC
Lightning protection	Integrated
Functioning temperature	-30°C à +60°C
Consumption	3 Watts
Current Imax	To 12V: I=200mA To 24V: I=700mA To 48V: I=400mA To 230V: I=10mA
Protection class	IP67 – Eexde IIC T6
Mechanicals	
Body material	Aluminium
Lens material	Glass
Mounting	M6 screw
Weight	10 Kg
Environment	
Humidity	100%
Frost	-60°C
Wind speed	240 Km/h
Certifications	
CE	EN60947-1 CEI60364, NF C15-100 EN60529
OACI	Annex 14, Volume I, Chapter 6.3
Quality	ISO 9001 ; 2008
Warranty	5 years*
Options	Photocell integrated Dry contact for failure alarm integrated

*as per installation conditions



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