



OBSTRUCTION LIGHTS LOW INTENSITY LED

LBIA TYPE A > 10 CD ALTERNATIVE CURRENT

01. DESCRIPTION

The LEDEOBIA is based on multi-LEDs technology. Dedicated to a night beaoning, it is a long life beacon (100 000 hours), very strong, with a low consumption (<3w). The LEDEOBIA can be provided with a photocell for an automatic switch ON / OFF, and a dry contact for failure alarm. The LEDEOBIA can be solar powered for an environmentally friendly system. It has been designed for an easy installation.

02. ADVANTAGES

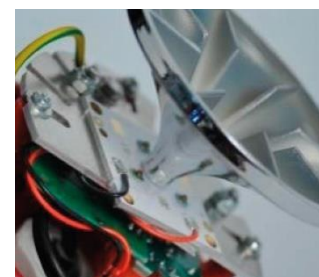
- Long life time > 10 years
- Multi-LEDs
- Low consumption < 3W
- Delta Box exclusive self-test when the photocell is integrated
- No maintenance
- 2 years warranty

03. APPLICATIONS

Rules concerning aircraft beaoning are established by the ICAO (Annex 14, Chapter 6). Low intensity beacons can be installed on structures up to 45 meters in height. According to the rules, an uninterruptible power supply cabinet has to be installed to insure a 12 hours beaoning in case of power supply failure.

04. MODELS

REFERENCE	VOLTAGE	PHOTOCELL	DRY CONTACT
LBIA00MC	110-240V CA	Not included	Not included
LBIA01MC	110-240V CA	Not included	Included
LBIA11MC	110-240V CA	Included	Included



REGULATIONS

- OACI, STAC N° 2010A012
- CE

SCOPE OF APPLICATIONS



Airport



Building



Stack



Pylon



Crane

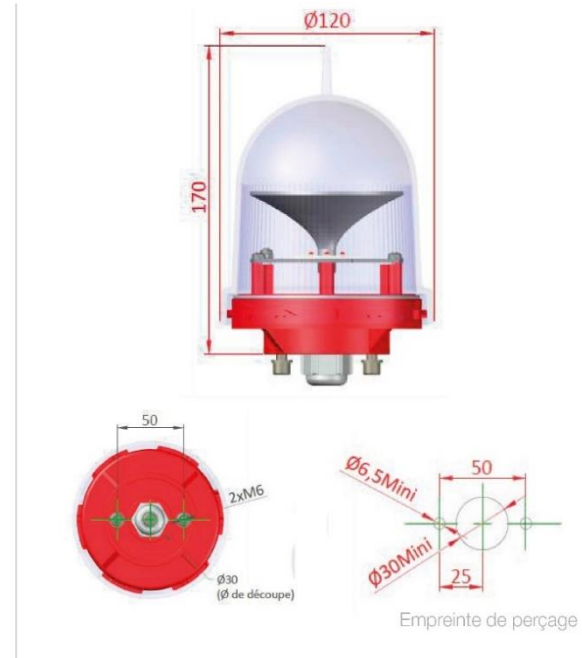


Structure

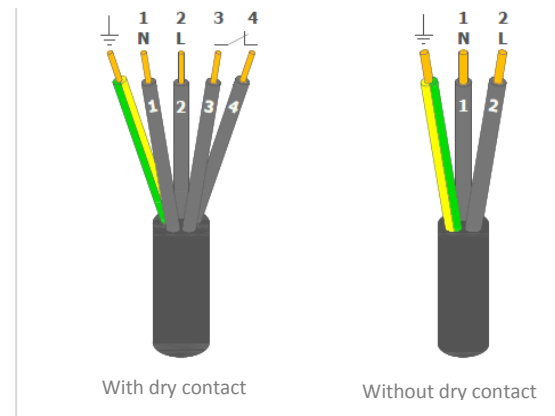
05. CHARACTERISTICS

LUMINOUS	
Luminous source	LEDS
Color	Red
Horizontal beam	360°
Vertical beam	10°
Luminous intensity	> 10 Cd
MTBF	100 000 hours
ELECTRICAL	
Voltage	110 to 240V CA
Functioning temperature	-55°C to +55°C
Consumption	< 3 Watts
Current I _{max}	L = 10mA
Protection class	IP66
Cable	2 meters
MECHANICAL	
Body material	Aluminium
Lens material	Polycarbonate with bird spike
Mounting	M6 screw (included)
Height	170mm
Width	120mm
Screw spacing	50mm
Weight	< 1 Kg
ENVIRONMENTAL	
Humidity	100%
Frost	-60°C
Wind speed	240 Km/h
CERTIFICATIONS	
CE	EN60947-1 CEI60364, NF C15-100 2014 / 35 / UE
ICAO Quality	Annex 14, Volume I, Chapter 6 ISO 9001 ; 2008
WARRANTY	
Warranty period	2 years
OPTIONS	
Photocell integrated	✓
Dry contact for failure alarm integrated	✓

+ DIMENSIONS



+ WIRING



+ AVAILABLE ACCESSORIES FOR INSTALLATION

- Stainless steel mounting
- Driving box
- Power supply
- Safety power supply
- Solar kit