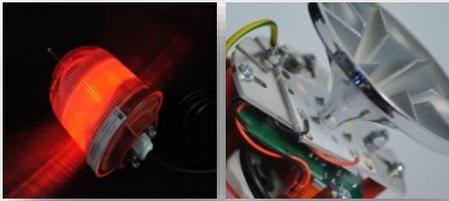


Low Intensity LED LBIA TYPE A > 10 Cd – DC



Description:

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

The LBIA can be solar power supplied for an environmentally friendly system.

It has been designed for an easy installation.

Advantages :

- Long life time > 10 years
- Multi – LEDs
- Low consumption < 3W
- Lightning protection
- Auto test cycling when the photocell is integrated
- No maintenance
- 2 year warranty

Applications :

Rules concerning aircraft beaoning are established by the ICAO

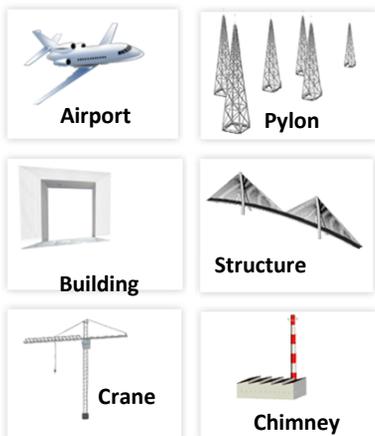
Low intensity beacons can be installed on structures up to 45 meters.

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

Regulations:

- OACI, STAC N° 2010A012
- CE

Scope of application



Models

Model	Voltage	Photocell	Dry contact
LBIA00CC	12 to 48V DC	Not included	Not included
LBIA01AC	24V DC	Not included	Included
LBIA11AC	24V DC	Included	Included
LBIA01BC	48V DC	Not included	Included
LBIA11BC	48V DC	Included	Included

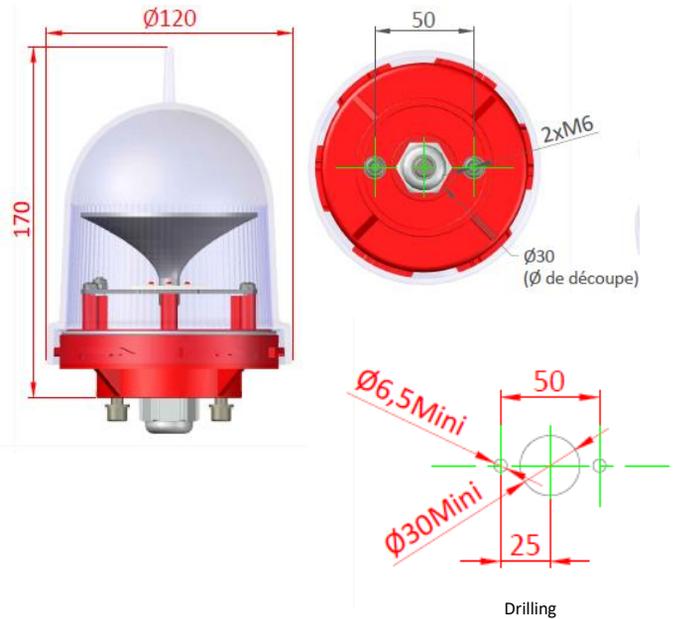


Low Intensity LED LBIA TYPE A > 10 Cd – DC

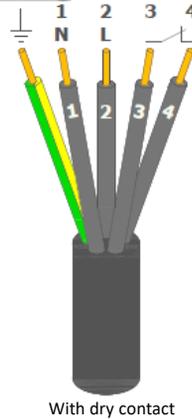
Characteristics

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
Lightning protection	Integrated
Functioning temperature	-55°C to +55°C
Consumption	<3 Watts
Current I _{max}	To 12V : I=150mA To 24V : I=1000mA To 48V : I=500mA
Protection class	IP66
Cable	2 meters
Mechanical	
Body material	Composite
Lens material	Polycarbonate with peak against birds
Fixation	M6 screw (included)
Height	170mm
Width	120mm
Screw spacing	50mm
Weight	<1 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
Warranty	
Quality	2 years
Options	ISO 9001 ; 2008 Photocell integrated Dry contact for failure alarm integrated

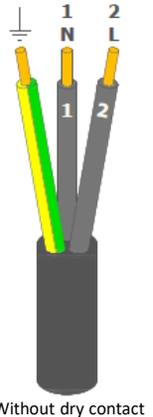
Dimensions :



Wiring



With dry contact



Without dry contact

Available accessories for installation

- Stainless steel mounting
- Driving box
- Power supply
- UPS system
- Solar kit