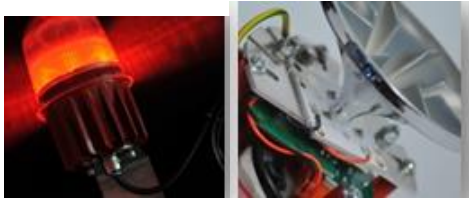


# Low Intensity LED LBIA TYPE A > 10 Cd – 230V AC



## **Description:**

The LBIA 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 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 beaconing are established by the ICAO

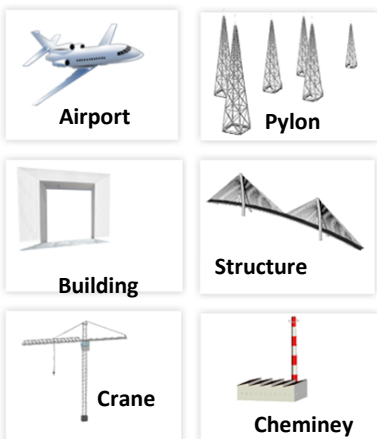
Low intensity beacons can be installed on structures up to 45 meters.

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

## **Regulations:**

- OACI, STAC N° 2010A012
- CE

## **Scope of application:**



## **Models**

Model	Voltage	Photocell	Dry contact
LBIA00MC	110-240V AC	Not included	Not included
LBIA01MC	110-240V AC	Not included	Included
LBIA11MC	110-240V AC	Included	Included



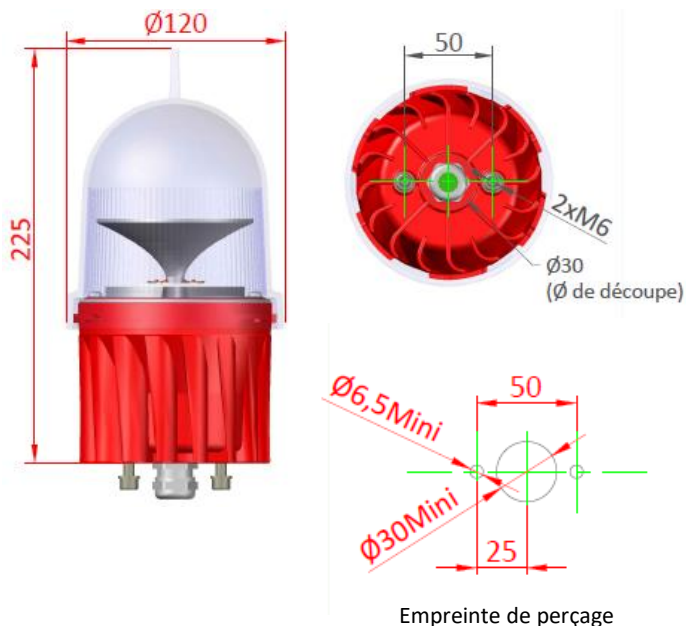
# Low Intensity LED

## LBIA TYPE A > 10 Cd – 230V AC

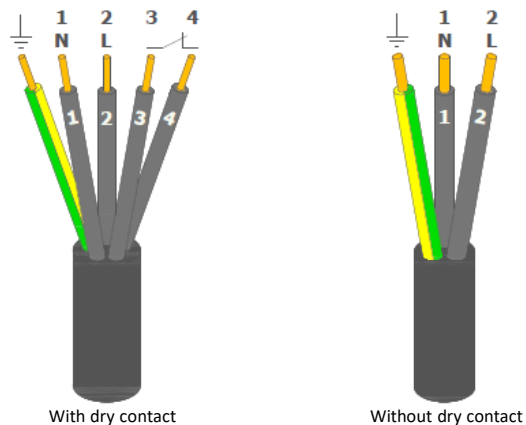
### Characteristics

<b>Luminous</b>	
Luminous source	LEDs
Colour	Red
Horizontal beam	360°
Vertical beam	10°
Luminous intensity	>10 Cd
MTBF	100 000 Hours
<b>Electrics</b>	
Voltage	110 à 240V AC
Lightning protection	Integrated
Functioning temperature	-55°C to +55°C
Consumption	<3 Watts
Current I <sub>max</sub>	10mA
Protection class	IP66
Cable	2 meters
<b>Mechanicals</b>	
Body material	Aluminium
Lens material	Polycarbonate with peak against birds
Fixation	Screw M6
Height	225mm
Wight	120mm
Weight	<1.5 Kg
<b>Environment</b>	
Humidity	100%
Gel	-60°C
Wind speed	240 Km/h
<b>Certifications</b>	
CE	EN60947-1 CEI60364, NF C15-100 EN60529
OACI	Annexe 14, Volume I, Chapter 6
<b>Warranty</b>	
Quality	2 years
<b>Options</b>	
	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