



OBSTRUCTION LIGHTS LOW INTENSITY LED

LBIB TYPE B > 32 CD DIRECT CURRENT

01. DESCRIPTION

The LEDEOBIB 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 (<6w). The LEDEOBIB can be provided with a photocell for an automatic switch ON / OFF, and dry contact for failure alarm. The LEDEOBIB can be solar power supplied for an environmentally friendly system. It has been designed for an easy installation.

02. ADVANTAGES

- Long life time > 10 years
- Multi-LEDs
- Low consumption < 6W
- 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 meter in height. For structures > 45m, it is necessary to mark the highest level with Medium Intensity light and to install at the intermediate level the Low Intensity Type B. According to the rule, an uninterruptible power supply cabinet has to be installed to assure a 12 hours beaoning in case of power supply failure.

04. MODELS

REFERENCE	VOLTAGE	PHOTOCELL	DRY CONTACT
LBIB00DC	24 to 48V DC	Not included	Not included
LBIB01AC	24V DC	Not included	Included
LBIB11AC	24V DC	Included	Included
LBIB01BC	48V DC	Not included	Included
LBIB11BC	48V DC	Included	Included



REGULATIONS

- OACI, STAC N° 2010A020
- CE
- FAA Compliant L-810

SCOPE OF APPLICATIONS



Airport



Building



Stack



Pylon



Crane



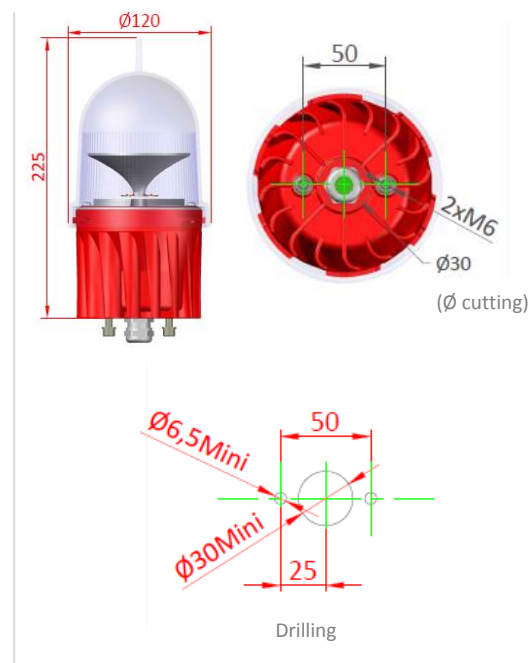
Structure



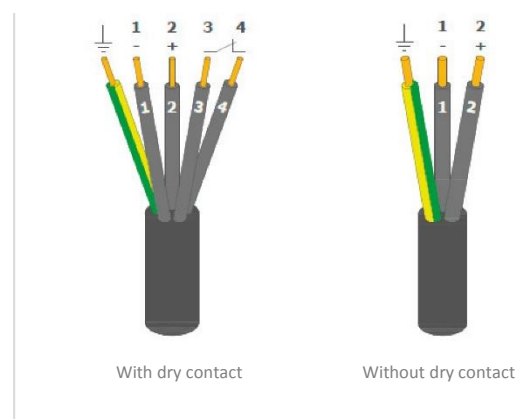
05. CHARACTERISTICS

LUMINOUS	
Luminous source	LEDs
Color	Red
Horizontal beam	360°
Vertical beam	10°
Luminous intensity	> 32 Cd
MTBF	100 000 hours
ELECTRICAL	
Voltage	24,48V DC
Functioning temperature	-55°C to +55°C
Consumption	< 6 Watts
Current Imax	To 24V : I=220mA To 48V : I=110mA
Protection class	IP66
Cable	2 meters
MECHANICAL	
Body material	Aluminum
Lens material	Polycarbonate with bird spike
Mounting	M8 screw (included)
Height	225mm
Width	120mm
Weight	< 1.5 Kg
ENVIRONMENTAL	
Humidity	100%
Frost	-60°C
Wind speed	240 Km/h
CERTIFICATIONS	
CE	EN60947-1 CEI60364, NF C15-100 2014 / 35 / UE
ICAO	Annex 14, Volume I, Chapter 6
FAA	Compliant L-810
Quality	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
- UPS System
- Solar kit