

LOW INTENSITY OBSTRUCTION LIGHT

Type A

RED STEADY BURN - 10 CD NIGHT



01. DESCRIPTION

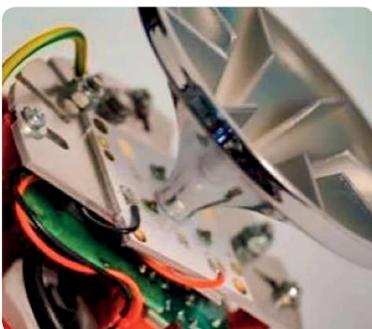
The **LEDEO BIA** is a low intensity light based on multi-LEDs technology. Dedicated to a night beaconing (red steady burning), it is a long lifetime beacon (100 000 hours), with a very low consumption (<2W). The LEDEO BIA can be provided with a photocell for an automatic switch ON / OFF, and a dry contact for failure alarm. It can be solar power supplied for areas where it is difficult to bring power supply, and it is designed for an easy installation.

02. ADVANTAGES

- Long life time > 10 years
- Multi-LEDs technology
- Low consumption < 2W
- Integrated photocell and dry contact (in option)
- DELTA BOX exclusive self-test when the photocell is integrated
- No maintenance
- 2-year warranty

03. APPLICATIONS

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



04. MODELS

REFERENCE	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
LBIA00MC	110-240V AC	Not included	Not included
LBIA01MC	110-240V AC	Not included	Included
LBIA11MC	110-240V AC	Included	Included

SCOPE OF APPLICATIONS



Pylon



Airport



Building



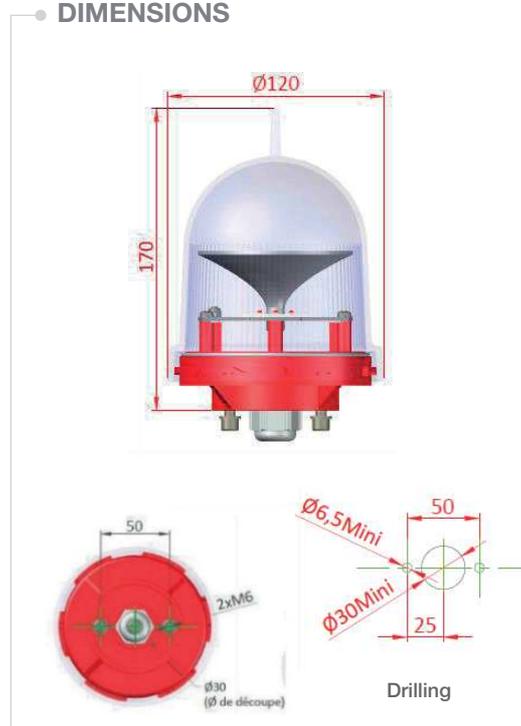
Stack



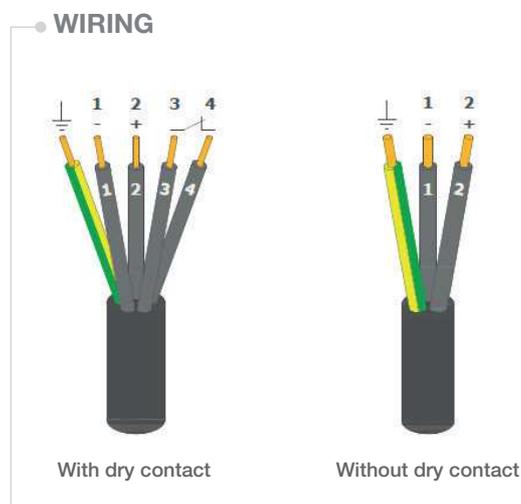
05. CHARACTERISTICS

	12, 24, 48V DC	240V AC
LUMINOUS		
Luminous source	Red LEDs	
Horizontal / Vertical beam	360° / 10°	
Luminous intensity	> 10 Cd	
MTBF	100 000 hours	
ELECTRICAL		
Voltage	12, 24, 48V DC	110 to 240V AC
Operating temperature	-55°C to +55°C	
Consumption	< 2 Watts max.	
Current I _{max}	To 12V: I=200mA To 24V: I=100mA To 48V: I=50mA	I < 10mA
Protection class	IP66	
Cable	2 meters	
MECHANICAL		
Body material	Composite	
Lens material	Polycarbonate with bird spike	
Mounting	M6 screw (included)	
Height / Width	170mm / 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	
OACI	Annex 14, Volume I, Chapter 6	
Quality	ISO 9001 ; 2015	
WARRANTY		
Warranty period	2 years	

DIMENSIONS



WIRING



+ AVAILABLE VERSIONS

ZAMAC BOX	ZAMAC BOX + UPS
 <p>Light mounted on a ZAMAC aluminum box, with 2 adjustable arms for more flexibility during installation. Includes cable gland and terminal block.</p>	 <p>Light mounted on a ZAMAC aluminum box, with 2 adjustable arms for more flexibility during installation, and a battery kit for 12 hours of autonomy. Includes cable gland and terminal block.</p>

AVAILABLE ACCESSORIES FOR INSTALLATION

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



HV Line



Crane



Structure



Wind Turbine