

LOW INTENSITY OBSTRUCTION LIGHT

Type B

RED STEADY BURN – 32 CD NIGHT



01. DESCRIPTION

The **LEDEO BIB** 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 (<6W). The LEDEO BIB 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
- Low consumption < 6W
- 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 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 insure a 12 hours beaconing 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
LBIB00MC	110-240V AC	Not included	Not included
LBIB01MC	110-240V AC	Not included	Included
LBIB11MC	110-240V AC	Included	Included

SCOPE OF APPLICATIONS

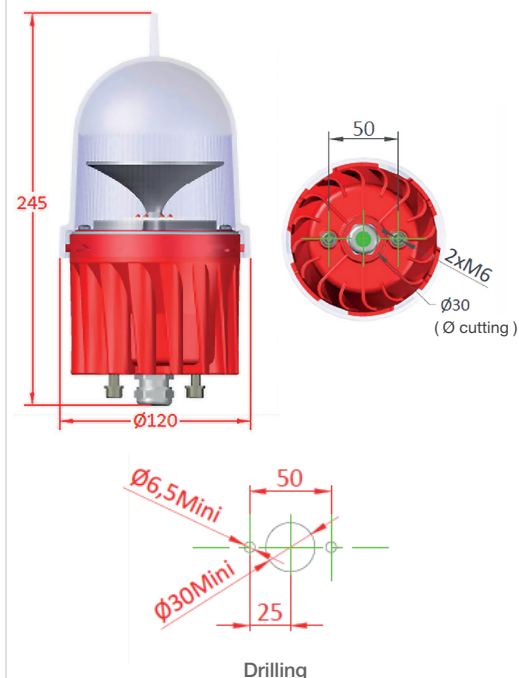




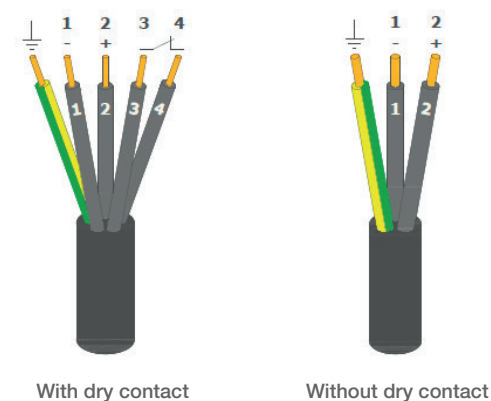
05. CHARACTERISTICS

	24-48V DC	230V AC
LUMINOUS		
Luminous source	Red LEDS	
Horizontal / Vertical beam	360° / 10°	
Luminous intensity	> 32 Cd	
MTBF	100 000 hours	
ELECTRICAL		
Voltage	24, 48V DC	110 to 240V AC
Operating temperature	-55°C to +55°C	
Consumption	< 6 Watts max.	
Current Imax	To 24V: I=220mA	I < 23mA
	To 48V: I=110mA	
Protection class	IP66	
Cable	2 meters	
MECHANICAL		
Body material	Aluminum	
Lens material	Polycarbonate with bird spike	
Mounting	M6 screw (included)	
Height / Width	245mm / 120mm	
Screw spacing	50mm	
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	
OACI	Annex 14, Volume I, Chapter 6	
FAA	Compliant FAA L-810	
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

