

# LOW INTENSITY OBSTRUCTION LIGHTS

## 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 (standard version)
- Integrated photocell and dry contact (in option)
- No maintenance
- 2-year warranty
- IR Option available

### 03. APPLICATIONS

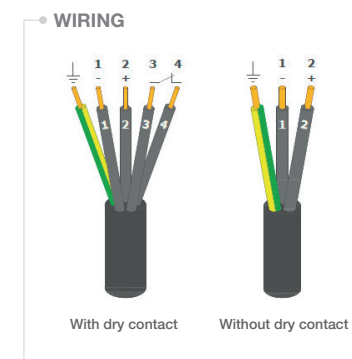
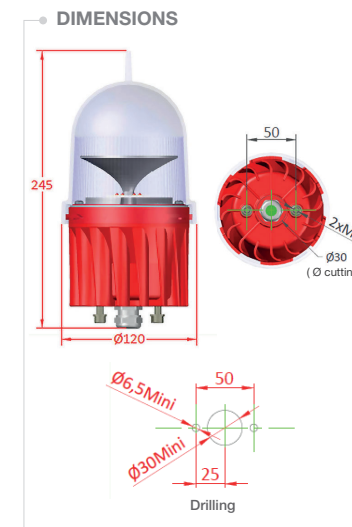
Rules concerning aircraft beaconing are established by the ICAO (Annex 14, Chapter 6). Low intensity beacons can be installed on structures up to 45 meter in height. For structures > 45m, it is necessary to mark the highest level with Medium Intensity light and to install at the intermediate level the 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	INFRARED	PHOTOCELL	DRY CONTACT	
LBIB00CC	12-48 V DC	-	-	-	
LBIB00DC	24-48 V DC	-	-	-	
LBIB01DC	24-48 V DC	-	-	✓	
LBIB11DC	24-48 V DC	-	✓	✓	
LBIB00MC	110-240 V AC	-	-	-	
LBIB01MC	110-240 V AC	-	-	✓	
LBIB11MC	110-240 V AC	-	✓	✓	
LBIBIR00DC	24-48 V DC	✓	-	-	IR LIGHTS
LBIBIR01DC	24-48 V DC	✓	-	✓	
LBIBIR11DC	24-48 V DC	✓	✓	✓	
LBIBIR00MC	110-240 V AC	✓	-	-	
LBIBIR01MC	110-240 V AC	✓	-	✓	
LBIBIR11MC	110-240 V AC	✓	✓	✓	

### 05. CHARACTERISTICS

	12-48 / 24-48 VDC	110-240 VAC
LUMINOUS		
Luminous source	Red LEDs (standard) + IR LEDs (in option)	
Horizontal / Vertical Beam	360° / 10°	
Luminous intensity (standard)	> 32 cd	
Luminous intensity (IR)	>=3 mW/sr min between +5° / +90° >=25 mW/sr min between 0° / +5°	
Wave length infra-red LEDs	860 nm	
MTBF	100,000 hours	
ELECTRICAL		
Operating temperature	-55°C to +55°C	
Power consumption	6W (standard) 10,5W (with infrared)	
MECHANICAL		
Body material	Aluminum	
Lens material	Polycarbonate with bird spike	
Mounting	M6 screw (included)	
Height / Width	245mm / 120mm	
Weight	< 1,5 kg	
ENVIRONMENTAL		
Humidity	100%	
Frost	-60°C	
Wind speed	240 km/h	
Protection class	IP66	
CERTIFICATIONS		
CE	EN60947-1 ; CEI60364, NF C15-100 2014 / 35 / UE	
ICAO	Annex 14, Volume I, Chapter 6	
FAA	Compliant FAA L-810	
Quality	ISO 9001 : 2015	
WARRANTY		
Warranty period	2 years	



### + AVAILABLE VERSIONS

ZAMAC BOX + UPS	FLASHING LOW INTENSITY
<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>	<p>The low intensity 32 cd light is also available in type E (Flashing version). This version is ICAO homologated.</p>

### + AVAILABLE ACCESSORIES FOR INSTALLATION

- Stainless steel mounting
- Control box
- Power supply
- Safety Power Supply (UPS)
- Solar kit

## SCOPE OF APPLICATIONS

