

# LOW INTENSITY OBSTRUCTION LIGHTS TWINY AND DOUBLE

RED STEADY BURN – 10 CD NIGHT (TYPE A) OR 32 CD NIGHT (TYPE B)



TYPE A - 10 CD



TYPE B - 32 CD

## 04. MODELS

### TYPE A

REFERENCE	OPERATION*	VOLTAGE	PHOTOCELL	DRY CONTACT
LBIATWDB	Back-up	24-48 V DC	✓	✓
LBIATW01DB	Back-up	24-48 V DC	-	✓
LBIATWMB	Back-up	110-240 V AC	✓	✓
LBIATW01MB	Back-up	110-240 V AC	-	✓
LBIADBDB	Double	24-48 V DC	✓	✓
LBIADBMB	Double	110-240 V AC	✓	✓

\* Back-up = One lamp serves as main, one lamp serves as back-up.  
Double = Both lamps are "on" simultaneously.

## 01. DESCRIPTION

The **LEDEO TWINY** and **LEDEO DOUBLE** is a one block low intensity beacon with 2 light bulbs. Thanks to DELTA BOX exclusive redundant technology, one bulb can serve as a back-up (TWINY version). For specific applications, the 2 bulbs can also operate at the same time (DOUBLE version). Each version is available with solar power supply as an option. The Multi-LEDs technology offers a long lifetime (100,000 hours). The specific design of the box is the most convenient solution on the market for flexible installation: the mounting frame is part of the box and the light position can be adjusted in the desired position.

## 02. ADVANTAGES

- Long life time > 10 years
- Low consumption
- Integrated photocell and dry contact (in option)
- 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.

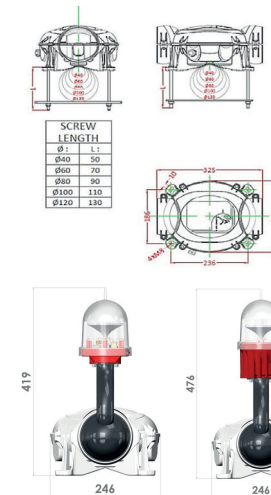
### TYPE B

REFERENCE	OPERATION*	VOLTAGE	PHOTOCELL	DRY CONTACT
LBIATWDB	Back-up	24-48 V DC	✓	✓
LBIATW01DB	Back-up	24-48 V DC	-	✓
LBIATWMB	Back-up	110-240 V AC	✓	✓
LBIATW01MB	Back-up	110-240 V AC	-	✓
LBIADBDB	Double	24-48 V DC	✓	✓
LBIADBMB	Double	110-240 V AC	✓	✓

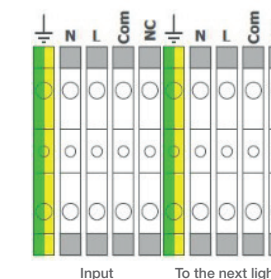
## 05. CHARACTERISTICS

		TYPE A	TYPE B
LUMINOUS			
Luminous source		Red LEDs	
Horizontal / Vertical beam		360° / 10°	
Luminous intensity		> 10 cd	> 32 cd
MTBF		100,000 hours	
ELECTRICAL			
Voltage		24-48V or 110 to 240V AC	
Operating temperature		-55°C to +55°C	
Consumption	Twiny	< 2 Watts	< 6 Watts
	Double	< 4 Watts	< 12 Watts
MECHANICAL			
Housing material (box)		Zamac	
Lens material		Polycarbonate with bird spike	
Height / Width		420mm / 240mm	477mm / 240mm
Weight		< 5 kg	< 8 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 (Type B)	
Quality		ISO 9001 : 2015	
WARRANTY			
Warranty period		2 years	

## DIMENSIONS



## WIRING



## AVAILABLE VERSIONS

**WITH INFRARED**

The infrared option uses IR LED technology. It provides night visibility with specific glasses (NVG). It consumes very little (<5 Watts) and will flash as per the behavior of the light.

**ZAMAC BOX + UPS**

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.

## AVAILABLE ACCESSORIES FOR INSTALLATION

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

## SCOPE OF APPLICATIONS

