

# LOW INTENSITY OBSTRUCTION LIGHT

## TWINY AND DOUBLE

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

TYPE A



TYPE B



### 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)
- 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	MODE
LBIATWCB	48V DC	Included	Included	Twiny
LBIATWMB	110-240V AC	Included	Included	Twiny
LBIADBCB	48V DC	Included	Included	Double
LBIADBMB	110-240V AC	Included	Included	Double
LBIBTWCB	48V DC	Included	Included	Twiny
LBIBTWMB	110-240V AC	Included	Included	Twiny
LBIBDBCB	48V DC	Included	Included	Double
LBIBDBMB	110-240V AC	Included	Included	Double

## SCOPE OF APPLICATIONS



Pylon



Airport



Building




Stack



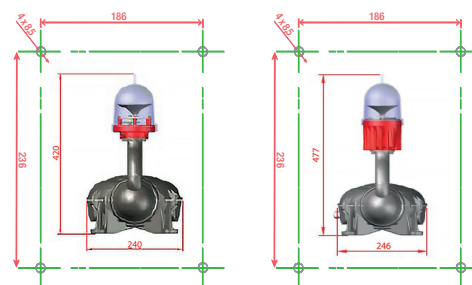
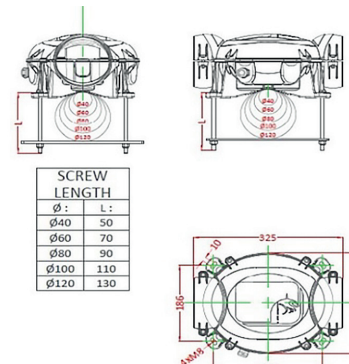
## 05. CHARACTERISTICS

		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		48V DC or 110 to 240V AC	
Operating temperature		-55°C to +55°C	
Consumption	Twiny	< 2 Watts	< 6 Watts
	Double	< 4 Watts	< 12 Watts
Current I <sub>max</sub>	Twiny	In 48V: I <50mA	In 48V: I < 110mA
		In 230V: I <10mA	In 230V: I < 23mA
	Double	In 48V: I <100mA	In 48V: I < 220mA
		In 230V: I <20mA	In 230V: I < 46mA
Protection class		IP66	
MECHANICAL			
Body material (box)		Composite	Aluminum
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	
CERTIFICATIONS			
CE		EN60947-1 CEI60364, NF C15-100 2014 / 35 / UE	
OACI		Annex 14, Volume I, Chapter 6	
FAA		Compliant FAA L-810 (Type B)	
Quality		ISO 9001 ; 2015	
WARRANTY			
Warranty period		2 years	

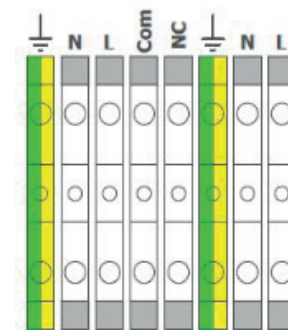
## + AVAILABLE VERSIONS

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.

### DIMENSIONS



### WIRING



### AVAILABLE ACCESSORIES FOR INSTALLATION

- Stainless steel mounting
- Driving box
- Power supply
- Safety power supply
- Solar kit
- Iron plate and thread rod

