

# Low Intensity LED LBIA TYPE A > 10 Cd – Twiny



## **Description:**

The TWINY is a one block beacon, equipped with the exclusive redundant system. For a safety installation, its automatic test is launched every day. With the LEDs technology, it offers performances in terms of life time (100 000 hours), robustness and consumption (<3W).

The LBIA TWINY can be solar power supplied for an environmentally friendly system.

The specific design of the box is the most convenient solution on the market for installation: mounting frame is a part of the box and the light position could be adjusted in the suitable position.

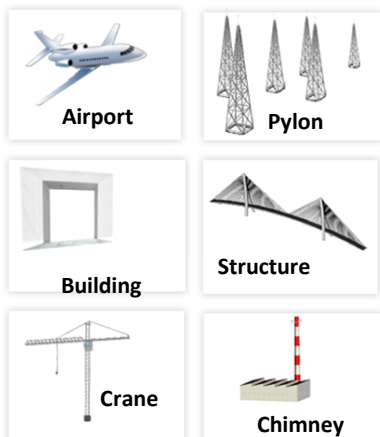
## **Advantages :**

- Long life time > 10 years
- Multi – LEDs
- Low consumption < 3W
- Lightning protection
- Automatics test checks the well-functioning of the both lights
- No maintenance
- 2 year warranty

## **Regulations:**

- OACI, STAC N° 2010A020
- CE
- FAA Compliant L810

## **Scope of application:**



## **Applications :**

Rules concerning aircraft beaconing are established by the ICAO

Low intensity beacons can be installed on structures up to 45 meters.

According to the rules, an uninterruptible power supply cabinet has to be installed to insure a 12 hour beaconing in case of power supply failure.

## **Models**

Model	Voltage	Photocell	Dry contact
LBIATWCB	48V DC	Included	Included
LBIATWMB	110-240V AC	Included	Included

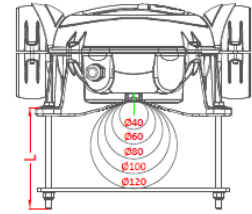
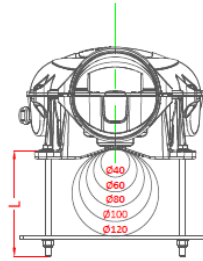


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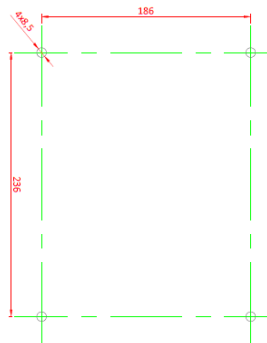
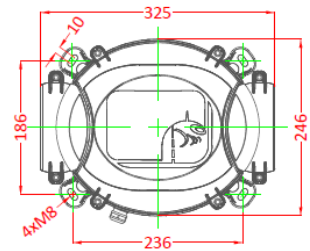
## Characteristics

<b>Luminous</b>	
Luminous source	LEDs
Colour	Red
Horizontal beam	360°
Vertical beam	10°
Luminous intensity	>10 Cd
MTBF	100 000 Hours
<b>Electrics</b>	
Voltage	48V DC / 110-240V AC
Lightning protection	Integrated
Functioning temperature	-55°C to +55°C
Consumption	<3 Watts
Current I <sub>max</sub>	To 48V : I=50mA To 230V : I=10mA
Protection class	IP68
<b>Mechanicals</b>	
Box material	Zamac
Body lamp material	Composite
Lens material	Polycarbonate with bird spike
Fixation	M8 screw
Height	420mm
Weight	<5 Kg
<b>Environment</b>	
Humidity	100%
Gel	-60°C
Wind speed	240 Km/h
<b>Certifications</b>	
CE	EN60947-1 CEI60364, NF C15-100 EN60529
OACI	Annexe 14, Volume I, Chapter 6
Warranty	2years
Quality	ISO 9001 ; 2008

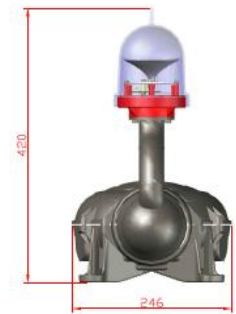
## Dimensions :



SCREW LENGTH	
Ø :	L :
Ø40	50
Ø60	70
Ø80	90
Ø100	110
Ø120	130



Drilling



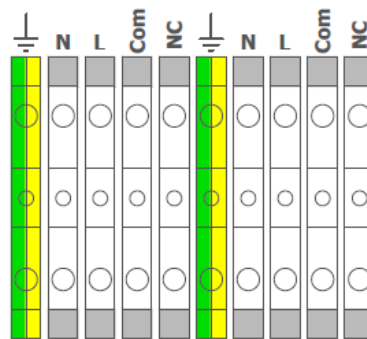
## Available accessories for installation

- Power supply
- Safety power supply
- Solar kit

## Wiring

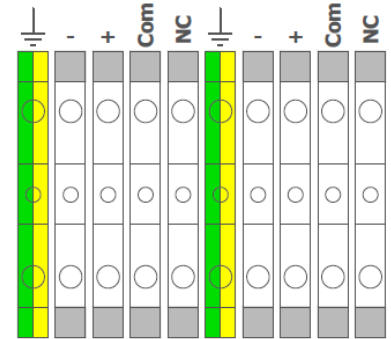
110-240 V AC

48V DC



Power supply

To next light



Power supply

To next light