

# 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 :**

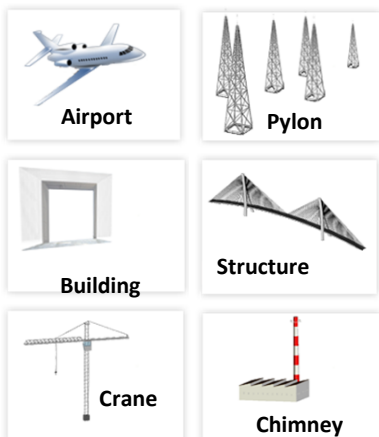
- Long life time > 10 years
- Multi – LEDs
- Low consumption < 3W
- Lightning protection
- Automatics test checks the well-functioning of the both lights
- No maintenance
- 2 year warranty



## **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    |

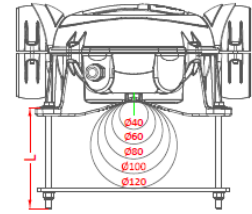
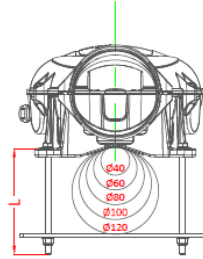


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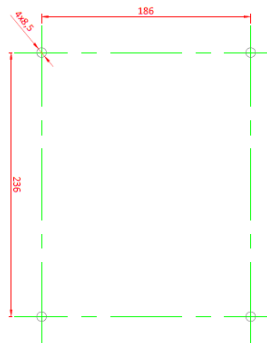
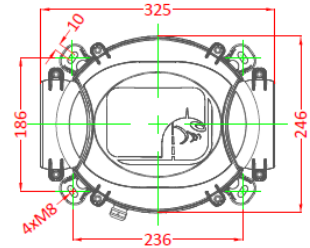
## Characteristics

|                         |  |
|-------------------------|--|
| <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 Imax            | To 48V : I=50mA<br>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<br>CEI60364, NF C15-100<br>EN60529 |
| OACI                    | Annexe 14, Volume I, Chapter 6               |
| <b>Warranty</b>         |  |
| Quality                 | 2years<br>ISO 9001 ; 2008                    |

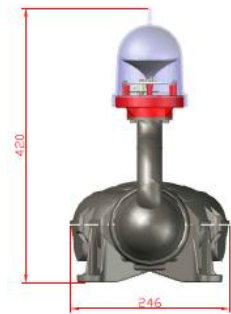
## Dimensions :



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



Drilling



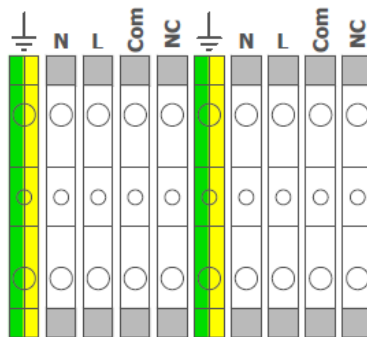
## Available accessories for installation

- Power supply
- Safety power supply
- Solar kit

## Wiring

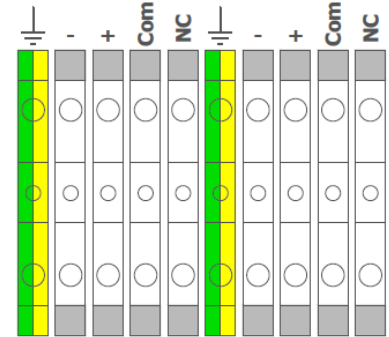
110-240 V AC

48V DC



Power supply

To next light



Power supply

To next light