

LOW INTENSITY OBSTRUCTION LIGHT

SOLAR TYPE B – SINGLE AND TWINY

RED STEADY BURN – 32 CD NIGHT

SOLEO TYPE B - SINGLE



01. DESCRIPTION

The **SOLEOBIB** and **SOLEOBIB TWINY** are environmentally friendly systems, dedicated to an autonomous night beaconing (red steady burning). The long life LEDs (100 000 hours) enable to have a maintenance free system, and the solar station is dimensioned for more than 60 hours of autonomy. The device is provided with a photocell for an automatic switch ON / OFF and a dry contact for failure alarm. It is also available with a 110-240V input as back-up power supply. The TWINY version is equipped with a second light bulb, and with the exclusive redundant DELTA BOX system, which automatic test is launched every day. In case of failure of one light bulb, the second light bulb automatically switches on. The specific design of the box is the most convenient solution on the market for installation: the mounting frame is part of the box and its arms can be adjusted in horizontal or vertical position.

02. ADVANTAGES

- Long life time > 10 years
- Proven solar technology and dimensionning
- DELTA BOX exclusive self-test when the photocell is integrated
- Autonomous system (no need for other power supply)
- 2-year warranty
- Zamac box with epoxy powder painting
- Available with cable between the lights and the solar unit for an easier accessibility to the box.

SOLEO TYPE B - TWINY



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

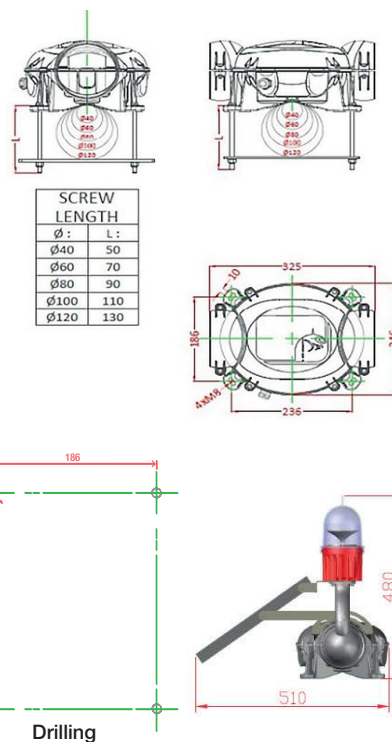
REFERENCE	VOLTAGE	PHOTOCELL	DRY CONTACT	TYPE
SOLBIB10C	Solar	Included	Not Included	Single
SOLBIB11C	Solar	Included	Included	Single
SOLBIBTWC	Solar	Included	Included	Twiny



05. CHARACTERISTICS

LUMINOUS	
Luminous source	Red LEDs
Horizontal / Vertical beam	360° / 10°
Luminous intensity	> 32 Cd
MTBF	100 000 hours
ELECTRICAL	
Voltage	Solar
Operating temperature	-10°C to +55°C
Solar panel	1 x 20 Watts Monocrystalline
Battery	2 x AGM 12V 7Ah
Autonomy	60 hours (without charging)
Protection class	IP66
MECHANICAL	
Body material	Zamac
Lens material	Aluminum
Mounting	M8 screw (in option)
Height	480mm
Weight	< 15 Kg
Solar panel dimensions	525 mm x 325 mm
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
Quality	ISO 9001 ; 2015
WARRANTY	
Warranty period	2 years

DIMENSIONS



AVAILABLE ACCESSORIES FOR INSTALLATION



- Specific stainless steel mounting
- Iron plate and thread rod

+ AVAILABLE VERSIONS

UNCOUPLED BULB

Can be provided with 5 to 20m of cable between the bulb and solar unit, to ease maintenance operations.

230V BACK-UP

The ZAMAC box is provided with a 110-240V input for a back-up power supply.

REINFORCED

Available with a 30W solar panel for areas with low sun exposure

