

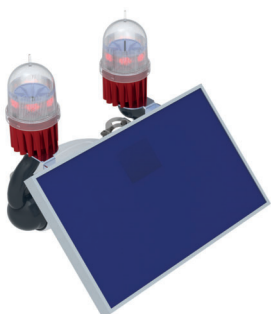
LOW INTENSITY OBSTRUCTION LIGHTS

SOLAR TYPE B – SINGLE AND TWINY

RED STEADY BURN – 32 CD NIGHT



SOLEO TYPE B - SINGLE



SOLEO TYPE B - TWINY*

* One lamp serves as main, the other as back-up.

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 is automatically tested at each start-up. 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
- 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

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 + intermediary (type B).

04. MODELS

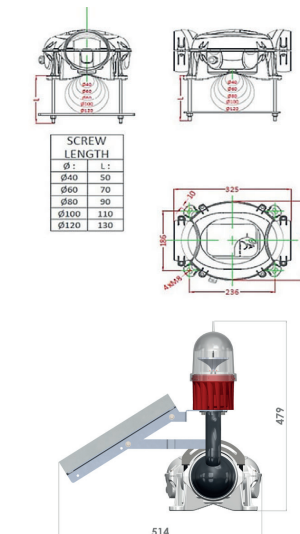
05. CHARACTERISTICS

REFERENCE	VOLTAGE	PHOTOCELL	DRY CONTACT	TYPE	OPTION
SOLBIB10C	Solar (12V)	✓	-	Single	-
SOLBIB10C-M/A	Solar (12V)	✓	-	Single	With ON/OFF switch
SOLBIB10CS	Solar (12V)	✓	-	Single	With 230V back-up
SOLBIB11C	Solar (12V)	✓	✓	Single	-
SOLBIBDBC	Solar (12V)	✓	-	Double	-
SOLBIBTWC	Solar (12V)	✓	-	Double	-

BATTERY REFERENCE	TYPE	QTY PER LIGHT
0A0204	AGM 12V 7 Ah	2

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	20W Polycrystalline (12V)
Battery	2 x AGM 12V 7Ah
Autonomy	60 hours (without charging)
MECHANICAL	
Body material	Zamac
Lens material	Polycarbonate
Mounting	M8 screw (in option)
Height	480 mm
Weight	< 15 kg
Solar panel dimensions	440 mm x 350 mm
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
Quality	ISO 9001 : 2015
WARRANTY	
Warranty period	2 years

DIMENSIONS



Vertical installation
(on a pole or wall-mounted)

AVAILABLE VERSIONS

UNCOUPLED BULB	230V BACK-UP	REINFORCED	WITH INFRARED
<p>Can be provided with 5 to 20m of cable between the bulb and solar unit, to ease maintenance operations.</p>	<p>The ZAMAC box is provided with a 110-240V input for a back-up power supply.</p>	<p>Available with a 30W solar panel for areas with low sun exposure.</p>	<p>The infrared option uses 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.</p>

SCOPE OF APPLICATIONS

