

Low Intensity LED SOLBIA Type A > 10 Cd – Solar



Description:

The SOLBIA is an environmentally friendly system.

Dedicated to an autonomous night beaconing, it is long life system (100 000 Hours), more than 80 hour autonomy system.

The SOLBIA is also available with a 110-240V input as back-up power supply.

The SOLBIA is provided with photocell for an automatic switch ON/OFF and a dry contact for failure alarm.

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 it could be adjusted in horizontal or vertical position.

Advantages :

- Long life time > 10 years
- Multi – LEDs
- Independant
- Lightning protection
- Delta Box exclusive self-test included with photocell
- Power saving
- 2 years warrant
- Zamac box with epoxy powder painting



Regulations:

- OACI, STAC N° 2010A012
- CE

-Applications :

Rules concerning aircraft beaconing are established by the ICAO

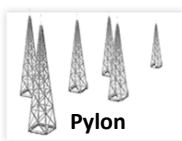
Low intensity beacons can be installed on structures up to 45 meters.

The SOLBIA gives security to every sites, even the most isolated.

Scope of application:



Crane



Pylon



Building



Structure

Models

Model	Voltage	Photocell	Dry contact
SOLBIA10C	Solar	Included	Not Included
SOLBIA11C	Solar	Included	Included

DOC131a.VEN-Rev1



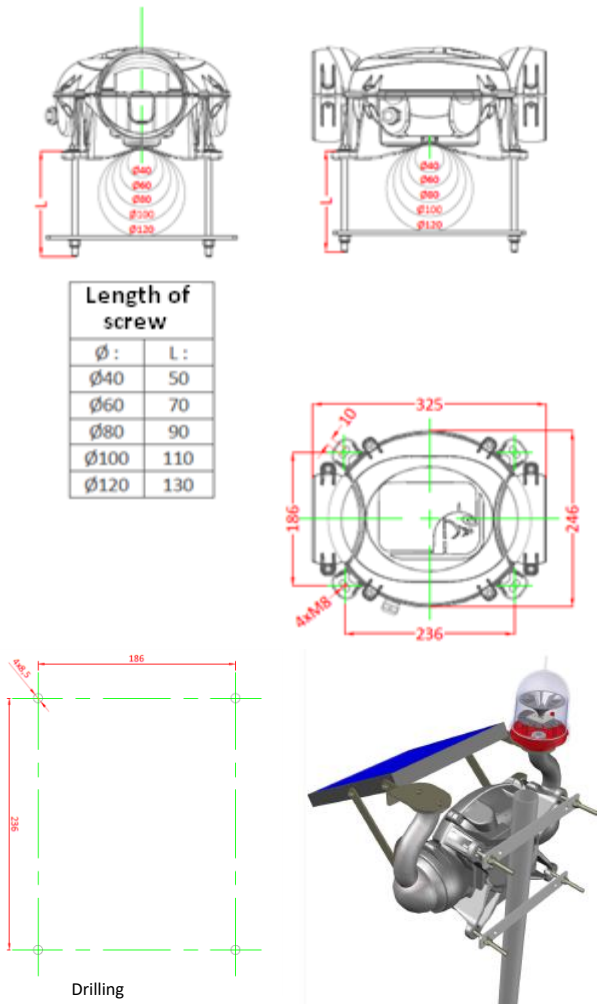
Low Intensity LED

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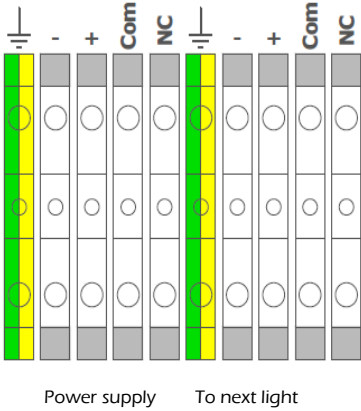
Characteristics

Luminous	
Luminous source	LEDs
Colour	Red
Horizontal beam	360°
Vertical beam	10°
Luminous intensity	>10 Cd
MTBF	100 000 Hours
Electrics	
Voltage	Solar
Lightning protection	Integrated
Functioning temperature	-55°C to +55°C
Solar panel	10 Watts Polycrystallin
Battery	Waterproof lead gel
	12V 7Ah x 2
Autonomy	120 Hours
Protection class	IP66
Mechanicals	
Box material	Zamac
Body lamp material	Composite
Lens material	Polycarbonate with bird spike
Mounting	M8 screw
Height	425mm
Weight	<10 Kg
Solar panel dimensions	300mm x 385mm
Environment	
Humidity	100%
Frost	-60°C
Wind speed	240 Km/h
Certifications	
CE	EN60947-1
	CEI60364, NF C15-100
	EN60529
ICAO	Annexe 14, Volume I, Chapter 6
Quality	ISO 9001 ; 2008
Warranty	2years

Dimensions :



Wiring



Available accessories for installation

-Specific stainless steel mounting