

## OBSTA STIF 12V

Cold neon discharge low intensity type A devoted to the night marking of all kind of obstacles supplied by a standalone DC power source in 12VDC

P/N : **113410**

The OBSTA STIF 12 VDC and HISTIF 24 VDC beacon are devoted to the obstacle marking with a DC power supply especially with solar application . Its power consumption is lower than traditional cold discharge neon lights, thanks to a patented optic from OBSTA. They are recommended in severe environments (high temperatures, etc.) The OBSTA STIF is a one piece moulded assembly which includes a constant power converter and the proper discharge lamp. The OBSTA STIF includes :

- a clear glass envelope,
- a constant-power converter,
- perfect watertightness,
- no requirement for a ground connection, which avoids any voltage return from the earth (for example due to lightning). The overall is thus considerably improved. The OBSTA STIF is easy to install and requires no servicing.



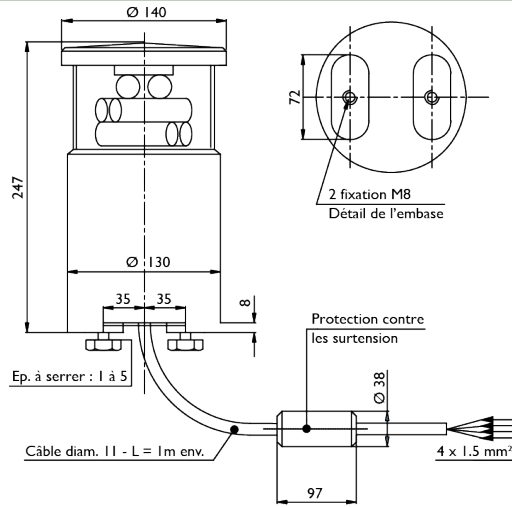
Patents: EP 1966535B1 & US 7816843

### Key Points

- Perfectly waterproof, hard glass
- No grounding issue, class II
- Great light efficiency
- Not sensitive to temperature, luminous intensity remains stable over years whatever is ambient temperature
- Protected against transient overvoltages
- Alarm by closing relay in case of lamp failure or low power

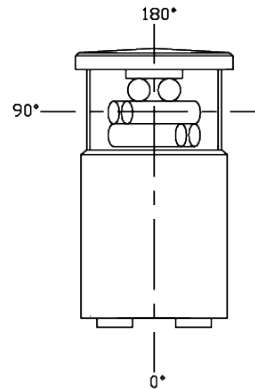
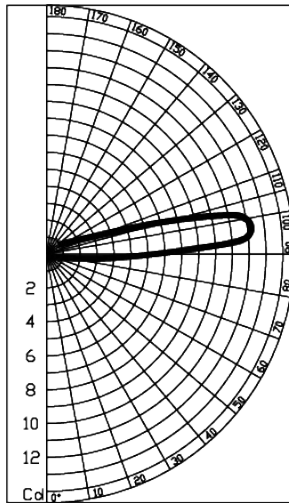
Electrical Characteristics		
Power supply		6 W
Current drawn		500 mA
Life time		10 years
Power supply		12VDC [-10%; +15%]
Mechanical Characteristics		
Operating temperature		-30/+60°C
Size of the light		247mm (height) x 140mm (over diameter)
IP degree		IP66
Weight		3,1kg
Wiring		On 4 stripped wires 4x1,5mm <sup>2</sup> (lenght of cable 1 meter) (2 power wires, 2 alarm wires)
Attachment		2 screws type M8 (provided) horizontally. Thikness to screw into : 1 up to 5 mm

## Mechanical Characteristics



## Photometric Characteristics

Luminous intensity	> 10 Cd
Color night time	Red fixed
Vertical beam spread	>10°
Horizontal beam spread	360°



## Standards

Standards compliance	ICAO annexe 14 chapter 6 (7th edition 2016), EASA (4th edition 2017)
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