

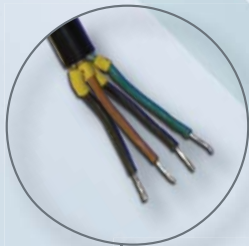
OBSTA STIF 12 VDC & HISTIF 24 VDC

The OBSTA STIF 12 VDC and HISTIF 24 VDC beacon is devoted to the obstacle marking with a DC power supply. Its power consumption is lower than traditional cold discharge neon lights, thanks to a patented optic from OBSTA. It is recommended in severe environments (temperatures, etc.)



One-piece molded

- perfectly waterproof
- no grounding issue
- all wiring configuration available
- no rise from the ground potential (due to lightning for example)
- increased reliability

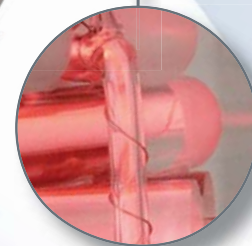


Power cable

- continuous Voltage
- power by a backup power source for continuity of the marking (batteries) or by a solar power source (photovoltaic panels)
- protected against transient voltages
- integrated self diagnostic of the light (control of a remote signalization or a backup light possible)



Patent :
EP 1966535B1 & US 7816843



Focalized neon light

- discharge light with 3 focalized stages
- patented technology
- cover and optical system in hard glass
- « aviation » red color
- very long life expectancy in all climatic environment
- great light efficiency
- power consumption twice lower than for the traditional neon lights

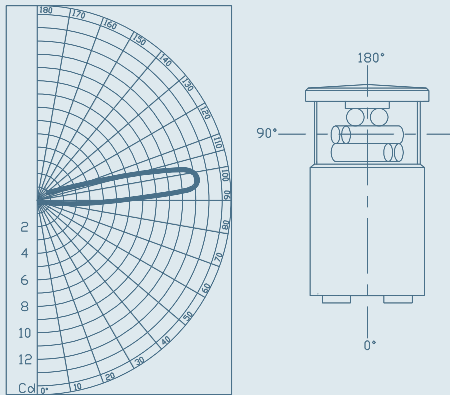
MAIN CHARACTERISTICS

OBSTA part number	Power supply	Luminous intensity	Current consumption	Nominal power	Lifetime (without any light decrease*)
13410	12 VDC	> 10 Cd	500 mA	6W	decades
13330	24 VDC	> 32.5 Cd	750 mA	18 W	decades

* with power supply stabilized

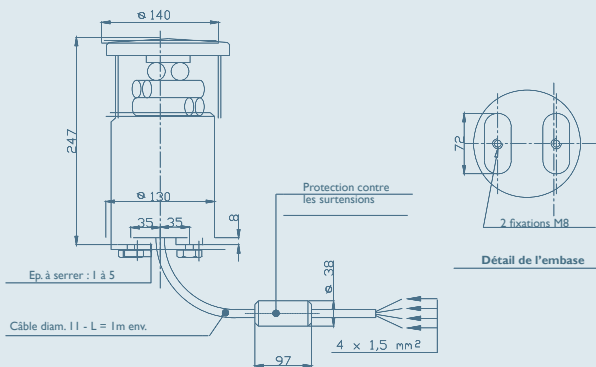
ADDITIONAL FEATURES

LIGHT INTENSITY DIAGRAM



	STIF
IP degree	66
Operating temperature	-30° + 60°C
Power supply	12 VDC (-10 % ; + 15 %) or 24VDC (-10 % ; +15 %)
Weight	3.1 kg
Attachment	2 screws type M8 (provided) Thickness to screw into : 1 up to 5 mm
Wiring	On stripped wires (2 power wires, 2 alarm wires)
Maintenance	none

DIMENSIONS (In mm)

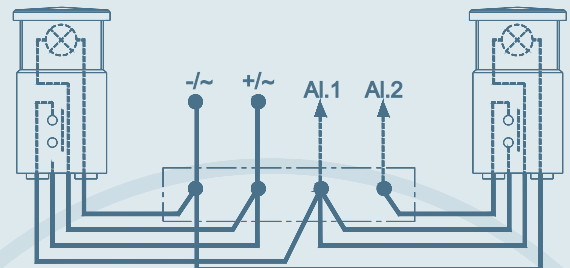


SPECIAL PRECAUTIONS

For chimney installation, install the light under the top (1.5 to 3m, 5 to 10ft), as per ICAO and FAA recommendations.
For installation in intense electromagnetic fields, the use of shielded wire is highly recommended.

OTHER FUNCTIONS

- Failure remote signalization by relay (see diagram)



- «Active redundancy» configuration allows the automatic turn on of a backup light and/or of an alarm in case of failure of the main light (see diagram)

- Photocell controlled
- Light shielded as per standard EN 55011, class B

- Junction box (ref. 13140)
- Stainless steel mounting bracket (ref. 13125)
- Solar generator (see page 40)

