### Division GLAUIDE

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# (OBSTA STABILISATION INTEGRATED)

### TECHNICAL DATA

		•
nominal volta	Power supply	Item:

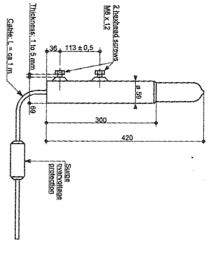
<ul> <li>Voltage tolerances :</li> </ul>	• Consumption :
: -10 %, +15%	12 ± 1W 12 ± 1

8 ± 1W 12 V

- Voltag
- Protection against transient waves (impulses < 1ms): built into the supply cable.
- Fault warning feature: yes (see electrical wiring).
- Operating temperature :
   de -20 °C à + 60 °C
- Warning contact maximum current 1A.

## **DIMENSIONS:** (in mm)

13400

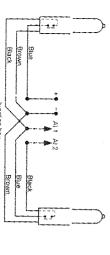


#### SETTING UP:

- When installed on a chimney, the OBSTA STI must be set below the aperture (from 1.5 meter to 3 meters) so that the smokes will not shadow on the light (ICAO annex 14, chapter 6).
- The ambient temperature must be lower than 60° C in order not to damage the electronics incorporated into the lamp
- When installed near a high electro-magnetic field transmitter, the OBSTA STI operation may be

## **ELECTRICAL WIRING**

- For installation with RFI risk, the power supply cable must be shielded
- Wiring accessories are not supplied (boxes, entries, glands, ...).
- Do not cut the cable with the moulded protection off (see figure above)
- Install in the circuit an over current protection, with a 6 Amp. gl fuse, at easy reach
- The electrical diagram is engraved on the body of the OBSTA STI
- The lamp is protected against supply polarity inversion, and the circuit has no reference to the ground. It can be used on either + or -, or none, polarity grounded power supplies
- An alarm relay is built into the lamp, allowing automatic switching of lights in case of failure, if twin



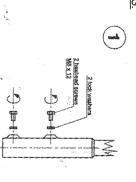
OPTIONAL STAND-BY LAMP

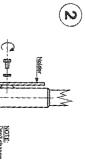
FIRST LAMP

nominal value and supplies the stand-by lamp and/or an alarm (buzzer, light, ...). alarm wire voltage passes from 0 volt to lamps are installed (see drawing).

#### MOUNTING:

BY SCREWS

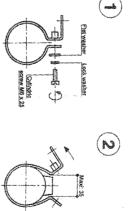


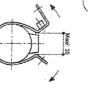


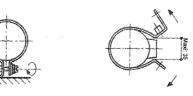
### BY HARNESSES

11 to 5 mm

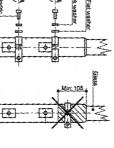
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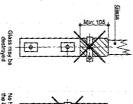


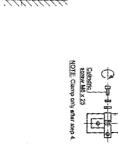








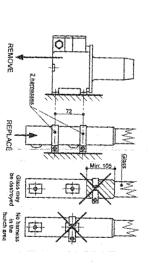




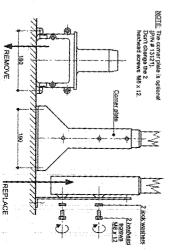
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### WALL INSTALLATION

SUBSTITUTION:



# BOTTOM INSTALLATION:

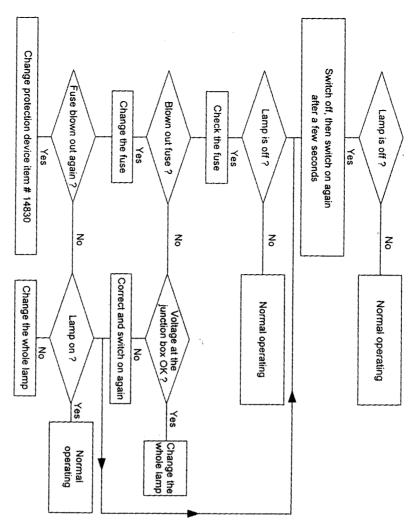


#### FIRST RUN

When switched on for the first time it is strictly recommanded not to test the circuit with a high voltage generating tester lest electronic components be destroyed.

Before switching on, make sure that the line voltage is within the prescribed tolerances.

### Quick trouble shooting synoptic MAINTENANCE IN CASE OF FAILURE:



# PROTECTION DEVICE REPLACEMENT:

normal operation, it will absorb the energy carried by the transients and self restore automatically guarding for the next perturbances. The protection device against transient surge is directly connected and moulded to the cable, In

In case of a high power overvoltage surge, it will fail short in order to protect the lamp's electronics. For replacement, cut it off, and connect a new one. The junction must be well protected against

Exact CLAUDE reference of this protection for OBSTA 24-48 V is item # 14830. It is advisable to cast the assembly in a special enclosure such as SCOTCHCAST 3M item # 92-A1F. weather.

without undergoing any dammage. ALL PRODUCTS NOT TRAVELLING IN THEIR ORIGINAL PACKAGING, INCLUDING PRODUCTS BEING RETURNED TO OUR FACTORY, FOR ANY REASON, ARE NOT COVERED, IN ANY CASE, BY THE MANUFACTURER'S WARRANTY We have designed our packaging in order to assure that our product may be shipped and stored