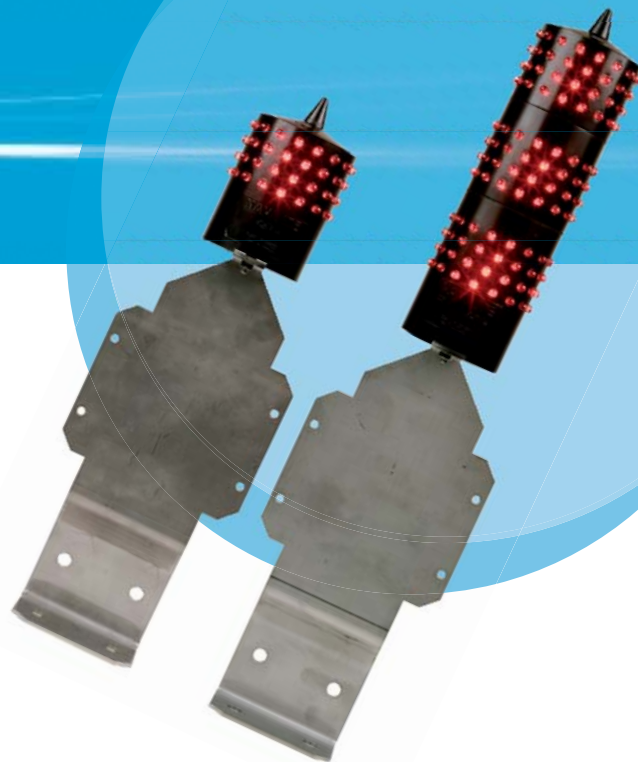


Low Intensity

NAVILITE

The NAVILITE series of obstruction lights is based on LED technology in compliance with ICAO low intensity and FAA L-810 type.



Application

The NAVILITE series are dedicated to night marking of any kind of air navigation obstacle such as wind mast, towers, cranes, building... The NAVILITE has been designed to replace incandescent obstruction lights or for new installation. The NAVILITE lasts at least 5 times longer than incandescent lights.

Features/Advantages :

- initial luminous intensity twice higher than ICAO and FAA standard.
- good heat dissipation for optimum led performance (LED's are sensitive to high temperature).
- perfectly waterproof, no risk of corrosion,
- redundant circuits for LED's : 16 circuits of 4 LEDs for the 10 cd type and 48 circuits of 4 LEDs for the 35 cd type.

Description

NAVILITE

The NAVILITE is a low intensity type A light compliant with ICAO regulation. It is a red steady with a luminous intensity higher than 10 candelas. It is available in 12V, 24V, 48V and 240VAC. The NAVILITE is one piece molded which integrates 4 levels of LED and the wiring connectors.

NAVILITE B

The NAVILITE B is a low intensity type B light compliant with ICAO regulation and FAA regulation (L810). It is a red steady with a luminous intensity higher than 32,5 candelas. It is available in 12V, 24V, 48V, 120 and 240VAC. The NAVILITE B is one piece molded which integrates 12 levels of LED and the wiring connectors.

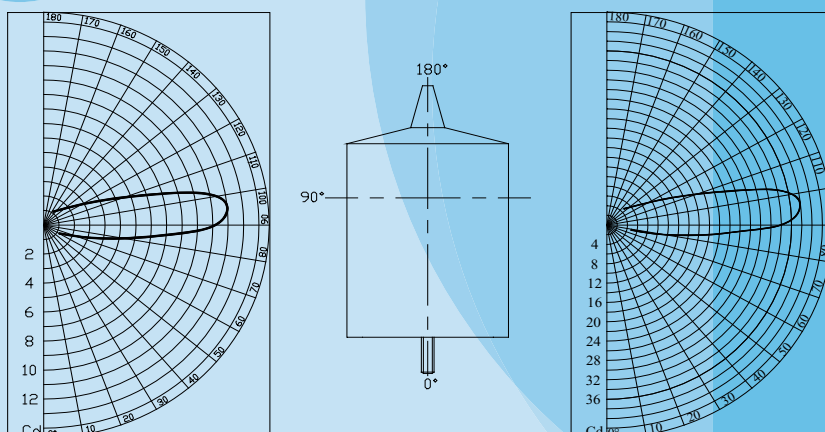
230 V NAVILITE and NAVILITE B have a modular design with separated converter 230VAC/48VDC.

Main Characteristics

OBSTA part number	Power supply	Luminous intensity	Electrical current	Nominal power	Theoretical lifetime
NAVILITE 13900	48VDC	> 10 Cd	125 mA	6 W	100 000 h.
NAVILITE 13901	24VDC	> 10 Cd	250 mA	6 W	100 000 h.
NAVILITE 13902	12VDC	> 10 Cd	500 mA	6 W	100 000 h.
NAVILITE 13909	240 VAC	> 10 Cd	70 mA	6 W	100 000 h.
NAVILITE B 13930	48VDC	> 35 Cd	375 mA	18 W	100 000 h.
NAVILITE B 13931	24VDC	> 35 Cd	750 mA	18 W	100 000 h.
NAVILITE B 13932	12VDC	> 35 Cd	1500 mA	18 W	100 000 h.
NAVILITE B 13933	120 VAC	> 35 Cd	190 mA	18 W	100 000 h.
NAVILITE B 13939	240 VAC	> 35 Cd	200 mA	18 W	100 000 h.

Complementary Characteristics

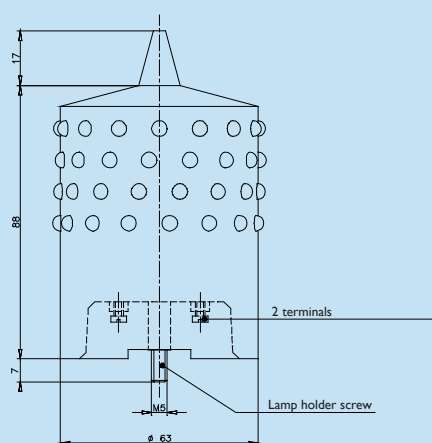
Light intensity diagram



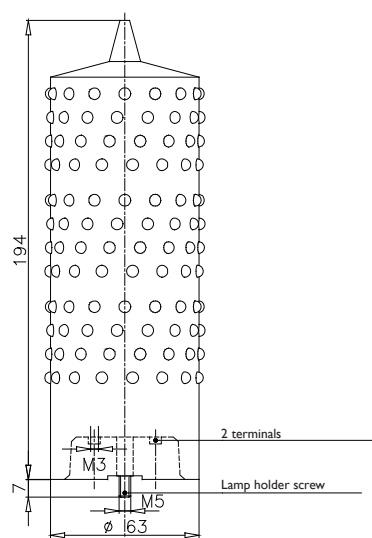
	NAVILITE type A	NAVILITE type B
IP degree	66	66
Operating temperature	-55° to + 55° C	-55° to + 55°C
Power supply	12, 24, 48 V, 230V (+/-10 %)	12, 24, 48, 120V, 230V (+/-10 %)
Weight	370 g	
Attachment	by screw M5	by screw M5
Maintenance	none	none

Overall dimensions (in mm)

NAVILITE type A



NAVILITE type B



Installation accessories (in option)

- Fixing bracket - ref. I3920
- Monitoring box - ref. I3940, for 2 NAVILITE 48V with photocell and alarm relay.
- Fixing bracket for vertical or horizontal support.
- Additional mounting set for 30 up to 100 mm pipes.
- Spare part : 230V power supply for NAVILITE ref. I3910 and NAVILITE B ref. I3911