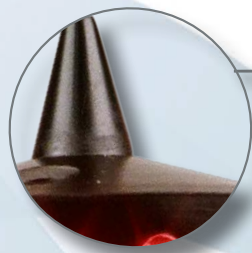


NAVILITE 12, 24 & 48 VDC

The NAVILITE is based on LED technology in compliance with ICAO low intensity type recently applied. These lights are devoted to the night marking of all kinds of obstacles with a DC power supply.



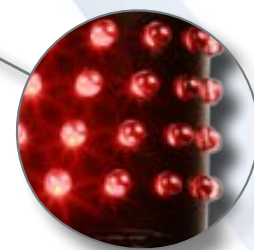
One-piece molded

- perfectly waterproof
- no corrosion risk
- lifetime 10 times higher than for incandescent lights
- no rise from the ground potential (due to lightning for example)
- bird spike



Power supply

- Continuous current 12, 24 and 48 VDC
- optional power supply through a backup power source for continuity of the marking (batteries) or through solar generator.
- Available with terminal connection or 35cm cable



LED light

- Total of 64 diodes
- 16 circuits of 4 LEDs
- LED wiring 4 by 4 in active redundancy @ 90°
- molding provides perfect support of the LED inclination angle
- excellent heat dissipation

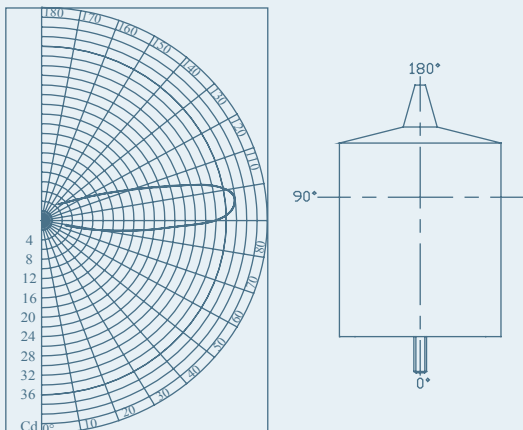
MAIN CHARACTERISTICS

	OBSTA part number	Power supply	Luminous intensity	Electrical current	Nominal power	Theoretical lifetime*
Pod	NAVILITE 113900	48 VDC	> 32 Cd	125 mA	6 W	decades
	NAVILITE 113901	24 VDC	> 32 Cd	250 mA	6 W	
	NAVILITE 113902	12 VDC	> 32 Cd	500 mA	6 W	
Cable	NAVILITE 113905	48 VDC	> 32 Cd	125 mA	6 W	
	NAVILITE 113906	24 VDC	> 32 Cd	250 mA	6 W	

* given by LED manufacturer

ADDITIONAL FEATURES

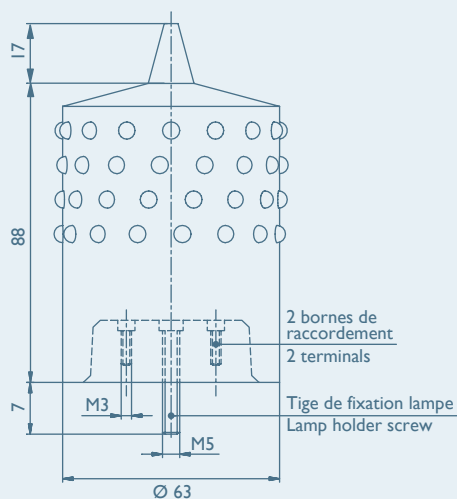
LIGHT INTENSITY DIAGRAM



	NAVILITE Type A
IP degree	66
Operating temperature	-40° + 55°C
Power supply	12, 24, 48 VDC (+/-10%)
Light weight	370 g
Attachment	M5 screw (provided)
Maintenance	none

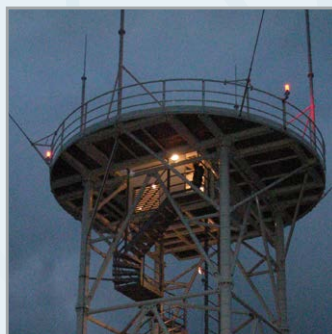
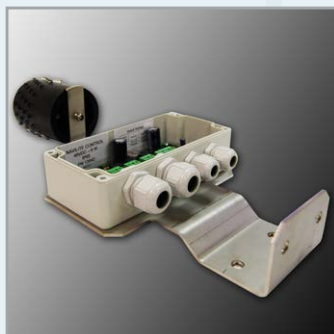
* The weight of the fixing bracket is 0.75kg

DIMENSIONS (in mm)



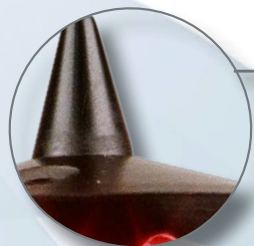
INSTALLATION ACCESSORIES (optional)

- Stainless steel mounting bracket - ref. 113920
- Monitoring box - ref. 113940, for 2 NAVILITE 48V beacons (simultaneous or normal/backup) with integrated photocell switch (see page 24)
- Battery Cabinet with 12 hours power backup (see page 50)
- Solar kit (see page 53)
- External 230V power supply (ref. 113911) for 1 up to 3 NAVILITE 48V
- Junction box (ref. 113943) with 3 glands



SOLAR NAVILITE 12 VDC

The NAVILITE is based on LED technology in compliance with ICAO low intensity type recently applied. These lights are devoted to the night marking of all kinds of obstacles with an OBSTA solar kit.



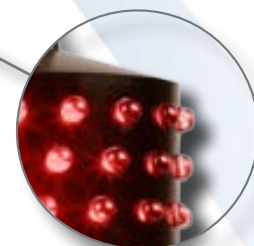
One-piece molded

- perfectly waterproof
- no corrosion risk
- lifetime 10 times higher than for incandescent lights
- no rise from the ground potential (due to lightning for example)
- bird spike



Power supply

- Continuous current 12 VDC with regulation
- optional Obsta solar generator.



LED light

- Total of 64 diodes
- 16 circuits of 4 LEDs
- LED wiring 4 by 4 in active redundancy
- molding provides perfect support of the LED inclination angle
- excellent heat dissipation

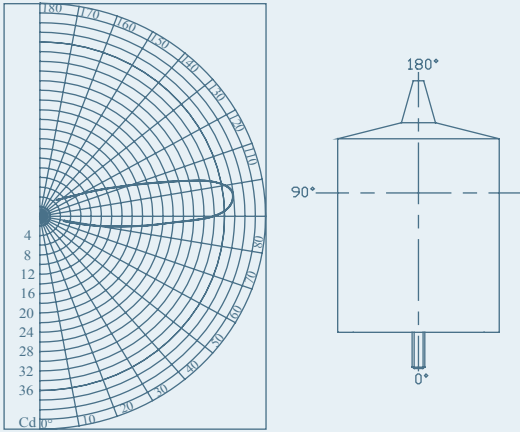
MAIN CHARACTERISTICS

OBSTA part number	Power supply	Luminous intensity	Electrical current	Nominal power	Theoretical lifetime*
NAVILITE 113903 (model used with solar system)	12 VDC	> 10 Cd	250 mA	< 3 W	Decades

* given by LED manufacturer

ADDITIONAL FEATURES

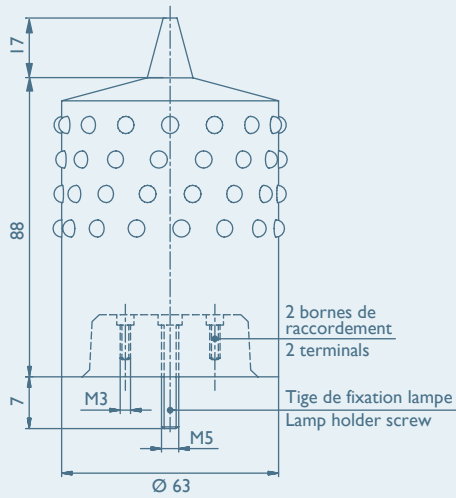
LIGHT INTENSITY DIAGRAM



	NAVILITE Type A
IP degree	66
Operating temperature	-40° + 55°C
Power supply	>12 VDC from Obsta Solar Kit
Light weight	370 g
Attachment	M5 screw (provided)
Maintenance	none

* The weight of the fixing bracket is 0.75kg

DIMENSIONS (in mm)



INSTALLATION ACCESSORIES (optional)

- Stainless steel mounting bracket - ref. 113920
- Monitoring box - ref. 113944, for 2 NAVILITE 12 V beacons (simultaneous or normal/backup)ref. 113903
- Solar kit (see page 53)



NAVILITE 230 VAC

These lights are dedicated to night marking of any kind of air navigation obstacle in 230VAC.



One-piece molded

- Perfectly waterproof
- no corrosion risk
- lifetime 10 times higher than for incandescent lights
- no rise from the ground potential (due to lightning for example)
- increased reliability
- bird spike



Power supply

- Modular design with separate power supply in a polycarbonate housing mounted on a stainless steel bracket
- 230VAC power transformer providing galvanic isolation with the light



LED light

- Total of 64 diodes
- 16 circuits of 4 LEDs
- LED wiring 4 by 4 in active redundancy
- provide perfect support of the LED inclination angle
- excellent heat dissipation
- supplied with molded cable
- Galvanic isolation with 220V

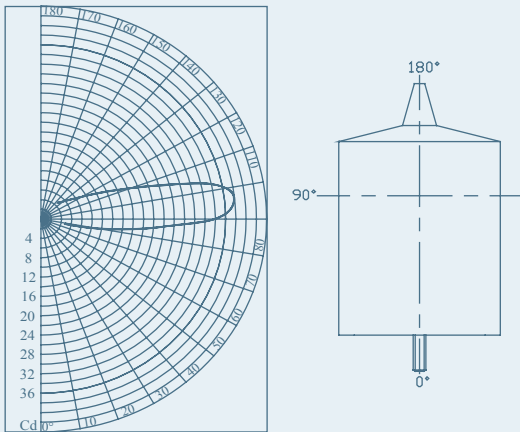
MAIN CHARACTERISTICS

OBSTA part number	Power supply	Luminous intensity	Electrical current	Nominal power	Theoretical lifetime*
NAVILITE 113909	230 VAC	> 32 Cd	70 mA	< 6 W	decades

* given by LED manufacturer

ADDITIONAL FEATURES

LIGHT INTENSITY DIAGRAM

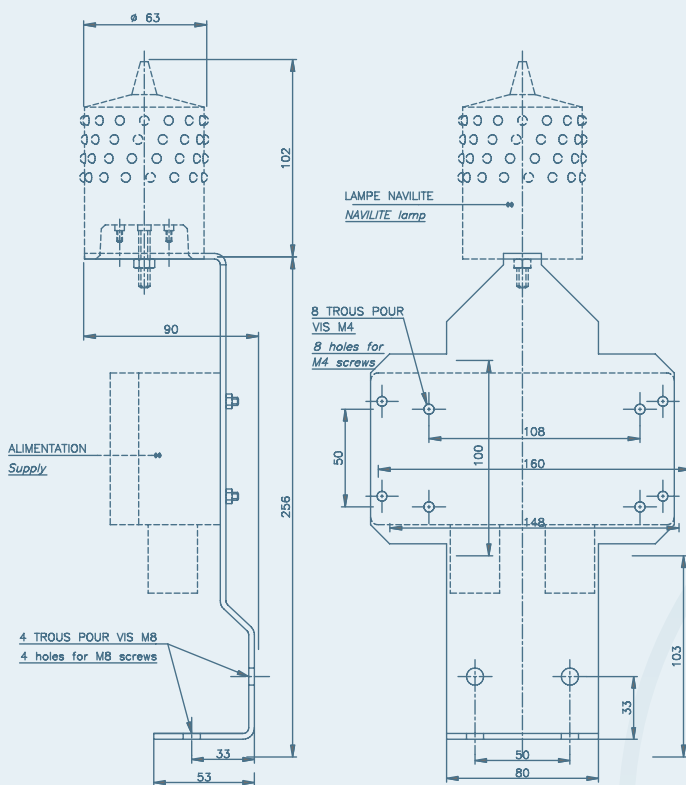


	NAVILITE Type A
IP degree	66
Operating temperature	-40° to + 55°C
Power supply	230 VAC (+/- 10%)
Weight (light)	370 g (excluding fixing bracket*)
Weight (light + power supply)	0.9kg (excluding fixing bracket*)
Attachment	by screw M5 (provided)
Maintenance	none

* The weight of the fixing bracket is 0.75kg

DIMENSIONS (In mm)

Fixing bracket



COMPOSITION

- Stainless steel mounting bracket ref. 113920
- 230V power supply ref. 113911 (spare part)
- NAVILITE 48 V with 35m molded cable ref. 113905 (spare part)

