

Graphic reference

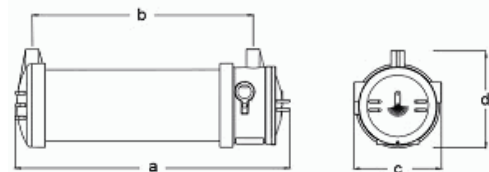


Zona 1/Zona 21
Ex db IIC T6 Gb
Ex tb IIIC T85°C Db



Dimensions

Atex enclosure	General Dimensions (mm)			
	a	b	c	d
E1	485	375	157	173
E2	750	640	157	173
E3	1360	1250	157	173



Control System: AutoTest

Luminaire: Self-Contained

Standards: EN-60598-1,
EN-60598-2-22, EN-62034, EN
60079-0, EN 60079-1, EN
60079-31

Certification: CE, IECEx INE
21.0022X,
INERIS21ATEX0012X

Electrical characteristics

Supply: 220-240V 50-60Hz<45.0W
Maintained mode consumption: 45.0 W
Non-maintained mode consumption: - W
Working temperature: 0°C<=Ta<=+55°C
Emergency lamp: LEDS
Emergency lumen output: 800 lm
Maintained lumen output: 5000 lm
Battery: 6.0V-4.0Ah Ni-Cd

Class: I
Mode: M/NM
Power factor: 1 %
Signaling Luminaire: 220-240Vac<45.0W
LED temperature: 4000°K
Duration: 3 h
Remote control: Yes
Charging time: 24 h

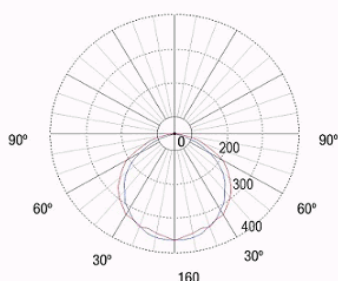
Mechanical characteristics

Envelope: Aluminum
Diffuser: Glass
Suitable for flammable surfaces: Yes
ATEX Protection:

ATEX Envelope: E3

IP/IK: IP66/IK09
Finish: Transparent
ATEX: Yes
Weight: 11,80KG

Photometric curve



Interdistance

**Installation
height**



2,0 m	11,85 m	9,65 m
2,5 m	14,78 m	12,01 m
3,0 m	15,76 m	13,18 m
3,5 m	16,59 m	14,23 m

Installation characteristics

Electrical connection by 5-pole + T connector for cable up to 2.5 mm².

The maintained luminaires have the possibility of connection to enable / disable the maintained mode.

Possibility of installation in:

- Ceiling/Wall surface with clamping flanges.

- Suspended roof, with eyebolt.

Possibility of connection with:

- Surface tube wiring.

Two 3/4" NPT entries for cable glands (not included), one of which is provided with a plug.

Operating characteristics

The luminaire has status LEDs, which indicates:

- Status of the battery charging circuit.

- Battery status (duration)

- Emergency status function.

- Test status.

Microprocessor controlled luminaire that performs periodic and automatic tests.

- Functional test every 7 days.

- Duration test every 365 days.

The test result is shown in the status indicator LEDs.

Remote control input that allows:

- Put on Standby without power supply.

- Restart in emergency status without power supply.

- Switch on in emergency status (more than 24 h of charge)

- Manual and remote duration test. (more than 24 hours of charge).

- Date and time programming of the tests.

- Reset of the luminaire status.

General Envelope data

Tubular diffuser:

- Borosilicate glass, E1 (7mm thick) E2/E3 (9mm thick)

- Polycarbonate, UV protected. 3mm thick.

Casting & connections:

- Aluminum injection

- Manufactured from marine grade aluminum alloy copper free

- Yellow RAL-1003 polyurethane paint

- Explosion proof O-ring.

- 2 entries 3/4" NPT for cable glands (not included)

- 1 plug supplied

- Electric connection through 5P+T 2,5 mm² terminal block

- Suitable for installation on flammable surfaces

Accessories

BRD001



ACC. FLANGE FOR SURF. SATURNO
CEILING MOUNTING

CAM-001



RING BOLT FOR PENDANT MOUNTING

PSA001



ACC. CABLE GLANDS SATURNO
METALLIC

APS016



ACC. PICTO. SATURNO LEFT ARROW

APS017



ACC. PICTO. SATURNO RIGHT
ARROW

APS019



ACC. PICTO. SATURNO DOWN
ARROW