

### Graphic reference

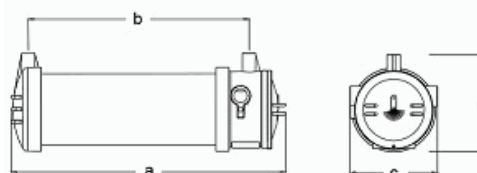


Zona 1/Zona 21  
Ex db IIC T6 Gb  
Ex tb IIIC T85°C Db



### Dimensions

General Dimensions (mm)				
Atex enclosure	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,  
INERIS20ATEX0004X

### 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<=+40°C  
**Emergency lamp:** LEDS  
**Emergency lumen output:** 750 lm  
**Maintained lumen output:** 4750 lm  
**Battery:** 6.0V-4.0Ah Ni-Cd

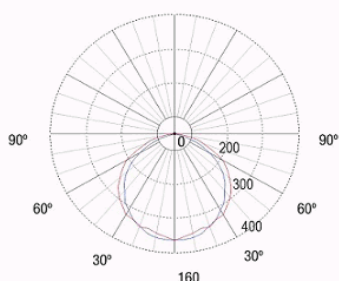
**Class:** I  
**Mode:** M/NM  
**Power factor:** - %  
**Signaling Luminaire:** 220-240Vac<45.0W  
**LED temperature:** 4000°K  
**Duration:** 3 h  
**Remote control:** Yes  
**Charging time:** 24 h

### Mechanical characteristics

**Envelope:** Aluminum  
**Diffuser:** Transparent Polycarbonate  
**Suitable for flammable surfaces:** Yes  
**ATEX Protection:**  
  
**ATEX Envelope:** E3

**IP/IK:** IP66/IK10  
**Finish:** Transparent  
**ATEX:** Yes  
**Weight:** 10,90KG

### Photometric curve



### Interdistance

**Installation  
height**



2,0 m	12,79 m	9,92 m
2,5 m	14,95 m	11,56 m
3,0 m	16,00 m	12,47 m
3,5 m	16,88 m	13,43 m

### Installation characteristics

Electrical connection by 5-pole + T connector for cable up to 2.5 mm<sup>2</sup>.

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 mm<sup>2</sup> 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