

### Graphic reference



### 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, INERIS21ATEX0012X

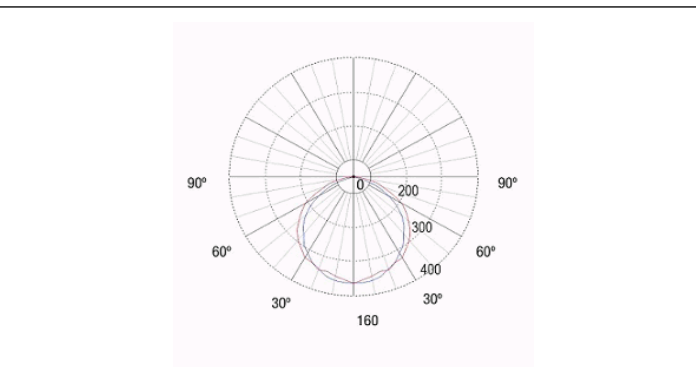
### Electrical characteristics

|   |  |
|---|--|
| <b>Supply:</b> 220-240V 50-60Hz<45.0W       | <b>Class:</b> I                              |
| <b>Maintained mode consumption:</b> 45.0 W  | <b>Mode:</b> M/NM                            |
| <b>Non-maintained mode consumption:</b> - W | <b>Power factor:</b> - %                     |
| <b>Working temperature:</b> 0°C<=Ta<=+50°C  | <b>Signaling Luminaire:</b> 220-240Vac<45.0W |
| <b>Emergency lamp:</b> LEDS                 | <b>LED temperature:</b> 4000°K               |
| <b>Emergency lumen output:</b> 800 lm       | <b>Duration:</b> 3 h                         |
| <b>Maintained lumen output:</b> 5000 lm     | <b>Remote control:</b> Yes                   |
| <b>Battery:</b> 3.2V 3.0Ah LFP              | <b>Charging time:</b> 12 h                   |

### Mechanical characteristics

|  |                            |
|--|----------------------------|
| <b>Envelope:</b> Aluminum  | <b>IP/IK:</b> IP66/IK07    |
| <b>Diffuser:</b> Glass   | <b>Finish:</b> Transparent |
| <b>Suitable for flammable surfaces:</b> Yes                                | <b>ATEX:</b> Yes           |
| <b>ATEX Protection:</b> Zona 1/Zona 21/Ex db IIC T6 Gb/Ex tb IIIC T85°C Db | <b>Weight:</b> 6,90KG      |
| <b>ATEX Envelope:</b> E2   |                            |

### Photometric curve



### Interdistance

| Installation height | Interdistance (Left) | Interdistance (Right) |
|---------------------|----------------------|-----------------------|
| 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 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**



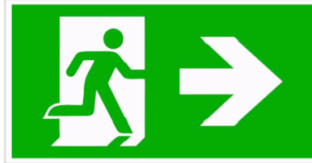
ACC. CABLE GLANDS SATURNO  
METALLIC

**APS016**



ACC. PICTO. SATURNO LEFT  
ARROW

**APS017**



ACC. PICTO. SATURNO RIGHT  
ARROW

**APS019**



ACC. PICTO. SATURNO DOWN  
ARROW