

### 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:** DALI      **Luminaire:** Self-Contained

**Standards:** EN 60079-0 / EN 60079-1 / EN 60079-31      **Certification:** CE, IECEx INE 21.0022X, INERIS20ATEX000000

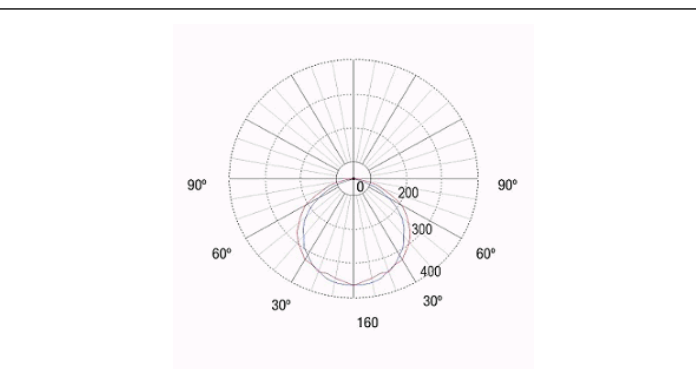
### Electrical characteristics

<b>Supply:</b> 220-240V 50-60Hz<40.0W	<b>Class:</b> I
<b>Maintained mode consumption:</b> 40.0 W	<b>Mode:</b> M
<b>Non-maintained mode consumption:</b> - W	<b>Power factor:</b> - %
<b>Working temperature:</b> 0°C<=Ta<=+40°C	<b>Signaling Luminaire:</b> 220-240Vac<40.0W
<b>Emergency lamp:</b> LEDS	<b>LED temperature:</b> 4000°K
<b>Emergency lumen output:</b> 750 lm	<b>Duration:</b> 1 h
<b>Maintained lumen output:</b> 4750 lm	<b>Remote control:</b> Yes
<b>Battery:</b> 6.0V-1.6Ah Ni-Cd	<b>Charging time:</b> 24 h

### Mechanical characteristics

<b>Envelope:</b> Aluminum	<b>IP/IK:</b> IP66/IK10
<b>Diffuser:</b> Transparent Polycarbonate	<b>Finish:</b> Transparent
<b>Suitable for flammable surfaces:</b> Yes	<b>ATEX:</b> Yes
<b>ATEX Protection:</b>	<b>Weight:</b> 5,80KG
<b>ATEX Envelope:</b> E2	

### Photometric curve



### Interdistance

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



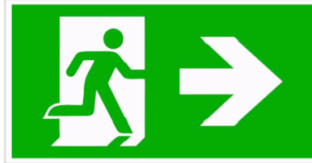
ACC. CABLE GLANDS SATURNO  
METALLIC

**APS016**



ACC. PICTO. SATURNO LEFT  
ARROW

**APS017**



ACC. PICTO. SATURNO RIGHT  
ARROW

**APS019**



ACC. PICTO. SATURNO DOWN  
ARROW