

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

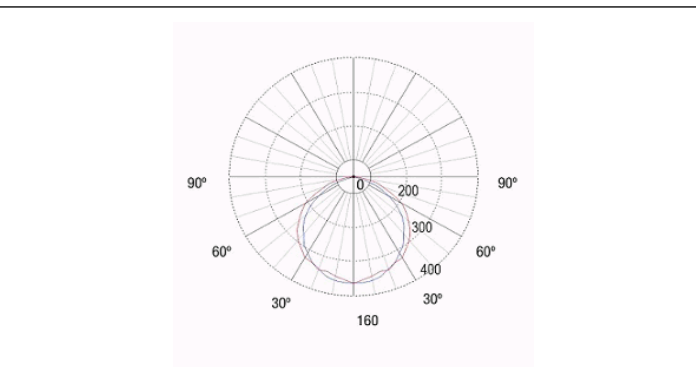
Electrical characteristics

Supply: 220-240V 50-60Hz<38.5W	Class: I
Maintained mode consumption: 45.0 W	Mode: M/NM
Non-maintained mode consumption: - W	Power factor: 1 %
Working temperature: 0°C<=Ta<=+50°C	Signaling Luminaire: 220-240Vac<38.5W
Emergency lamp: LEDS	LED temperature: 4000°K
Emergency lumen output: 800 lm	Duration: 3 h
Maintained lumen output: 5000 lm	Remote control: Yes
Battery: 3.2 V 9.0Ah LFP	Charging time: 12 h

Mechanical characteristics

Envelope: Aluminum	IP/IK: IP66/IK09
Diffuser: Glass	Finish: Transparent
Suitable for flammable surfaces: Yes	ATEX: Yes
ATEX Protection: Zona 1/Zona 21/Ex db IIC T6 Gb/Ex tb IIIC T85°C Db	Weight: 11,80KG
ATEX Envelope: E3	

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 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