

927 - Echo ATEX ZONE 22

Code: 164799-07



Disano's watertight fixtures are built from the company's extensive experience, skill and reliability as a global leader in the manufacturing of specialised lighting products. These basic features have contributed to the success of Disano's watertight fixtures over the years. The lamp's body is made of shatter-proof polycarbonate, with an IP66 protection, and high mechanical strength due to the structure reinforced by internal ribs. Installation is made easy thanks to the stainless steel bracket supplied as standard for ceiling mounting, while the spring hook allows quick attachment to any chain suspension system. Moreover, special toothed guides allow the perfect alignment of fixtures mounted in a continuous row. In addition to these basic features you will find all the advantages of the LED technology, i.e. light sources with a very long service life, low power consumption and great light quality.

Protection against explosions: II 3D Ex tc IIIC T135°C IP66 Dc
Allowed dangerous area: Zona 22
Allowed room temperature: +10°C ÷ +40°C
Degree of protection: IP66
Installation: ceiling - suspension
Casing mechanical resistance: IK10
Reference regulations: EN 60079-0; EN 60079-28; EN 60079-31



GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	1600 mm
Width (mm)	152 mm
Height (mm)	102 mm
Weight (Kg)	3.5 kg

INSTALLATION

Atex Zone	22
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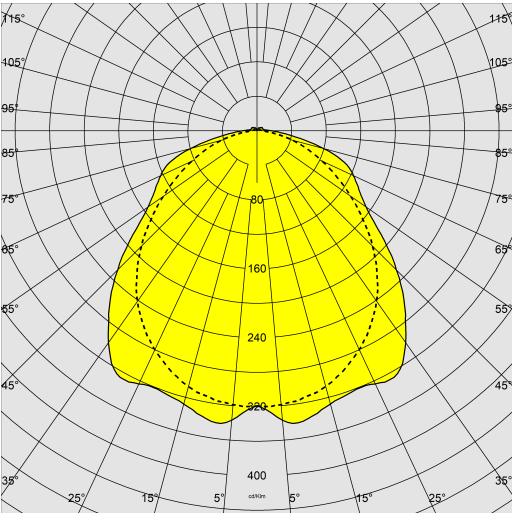
ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD-E
Power factor	≥0.9
Insulation class	Class I
Controllability	None

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PHOTOMETRIC DATA



Lighting source	LED
CRI	>80
Luminous flux (output) (lm)	9264 lm
Power absorption (total) (W)	65 W
CCT	4000 K
Luminous efficacy (lm/W)	143 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
Colour consistency	SDCM3
LED flux maintenance	80000 hr, L 90, B 10

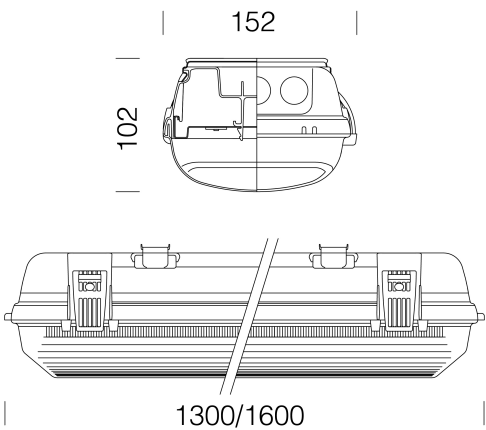
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK10
IP	66
Ambient temperature - min	10 °C
Ambient temperature - max	40 °C

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MATERIALS AND COLOURS



DOWNLOAD

DESIGNS

TechnicalDrawing 927atex.dxf



Housing	Injection-moulded, made of grey RAL 7035 polycarbonate, shatterproof, UV-stabilised, with high mechanical strength thanks to the structure reinforced by internal ribs.
Optics	galvanised steel pre-painted in oven with white polyester resin, UV-stabilised. Fastened to the body with a quick coupling by means of a device machined directly on the body.
Diffuser	injection-moulded in polycarbonate with internal grooves for greater light control, self-extinguishing V2, UV-stabilised, smooth outer finish to enable easy cleaning for maximum light efficiency.
Colour	Grey
ATTENTION ! Do not install on surfaces subject to strong vibrations, outdoors on hanging cables, or on walls under metallic grates, or on poles, and in any case, never expose the fixture to direct sunlight. Check the compatibility between the material constituting the product and the space where it will be installed. We recommend the use of fixtures made of steel with direct exposure to sunlight.	

EMERGENCY LIGHTING

Emergency power supply type	Luminaire with battery
Type of emergency	S.A.
Emergency luminous flux (%)	6%
Emergency operation time	1h

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE
Reference standards	Protection against explosions: II 3D Ex tc IIIC T135°C IP66 Dc Allowed dangerous area: Zona 22 Allowed room temperature: +10°C ÷ +40°C Degree of protection: IP66 Installation: ceiling - suspension Casing mechanical resistance: IK10 Reference regulations: EN 60079-0; EN 60079-28; EN 60079-31
Energy Label	C

WARRANTY

After sales warranty	3 yr
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