

993 - Forma ATEX ZONE 22 - with transparent glass

Code: 162497-00



Disano's experience in this sector and the quality of an Italian-made product are also given by the attention to detail. Watertight LED ceiling fixtures for industrial, commercial and food processing facilities. The housing of this fixture is made in one piece of seamless AISI 304 stainless steel, capable of withstanding particularly aggressive environmental conditions. The diffuser in tempered glass is attached to the body thanks to an AISI 304 stainless steel fastening mechanism. Extremely fast installation, great energy savings, work safety, and maximum visual comfort. The benefits of new technology are seen in this product that is the result of Disano's vast experience in industrial and commercial lighting.

Protection against explosions: II 3D Ex tc IIIC T135°C IP66 Dc
Allowed dangerous area: Zona 22
Allowed room temperature: -20°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)	1300 mm
Width (mm)	200 mm
Height (mm)	110 mm
Weight (Kg)	7.2 kg

INSTALLATION

Atex Zone	22
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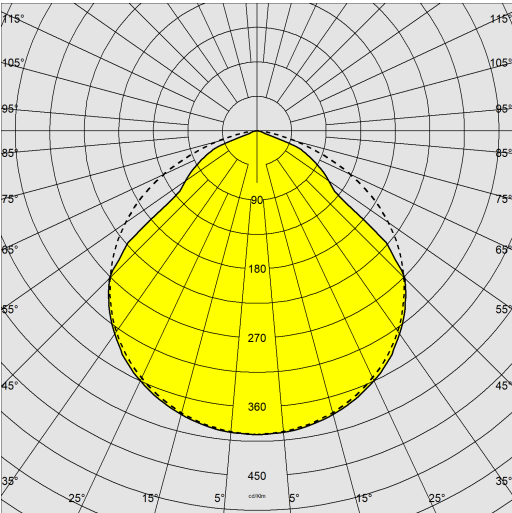
ELECTRICAL CHARACTERISTICS AND CONTROLS

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
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)	6000 lm
Power absorption (total) (W)	45 W
CCT	4000 K
Luminous efficacy (lm/W)	133 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	80000 hr, L 90, B 10

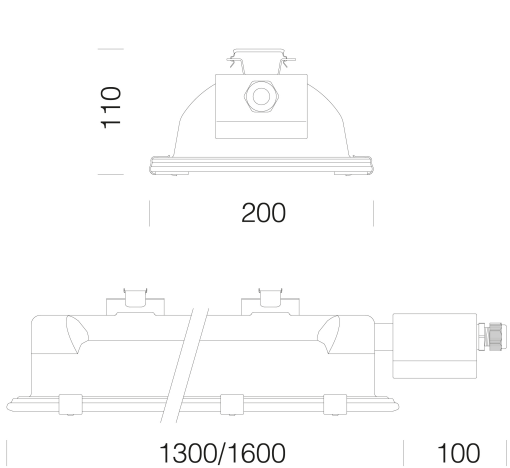
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK09
IP	66
Ambient temperature - min	-20 °C
Ambient temperature - max	40 °C

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MATERIALS AND COLOURS



Housing	steel, deep-drawn in one piece with high mechanical strength.
Diffuser	tempered glass, 5 mm thick, resistant to thermal shock and impact (UNI EN 12150-1:2001).
Coating	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint.
Colour	Grey
Equipment	complete with silicone rubber gasket, waterproof box and cable gland for quick installation and locking system with spring clips. Supplied as standard: stainless steel bracket that allows easy and safe installation of the lighting fixture onto the ceiling/wall and spring loop that allows quick connection to any suspension system.

EMERGENCY LIGHTING

Emergency power supply type	Not present
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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: -20°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

GEAR

Sensors	
Upon request	Version complete with adjustable bracket (to purchase with sub-code -0074).

WARRANTY

After sales warranty	3 yr
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DOWNLOAD

MOUNTS

AssemblyInstructions forma atex 04-25.pdf

DESIGNS

TechnicalDrawing 993atex.dxf

