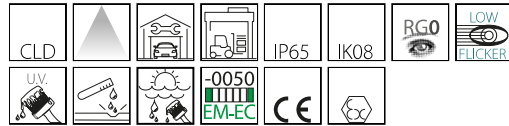


## 993 - Forma ATEX - with transparent glass

Code: 162495-00

### GENERAL INFORMATION



Article	993 - Forma ATEX - with transparent glass
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### DIMENSIONS AND WEIGHT

Length (mm)	1300 mm
Width (mm)	190 mm
Height (mm)	92 mm
Weight (Kg)	7.3 kg

### INSTALLATION

Atex Zone	2, 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



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.

Fixture for use in explosive atmospheres due to the presence of dust and gas with an increased level of protection that is not a source of ignition during conditions of normal operation and that may have additional protection measures to ensure that the source of ignition stays inactive in case of regular and expected failures.

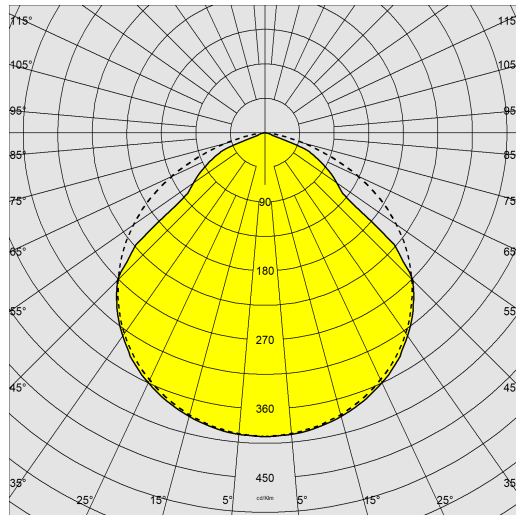
Protection against explosions: II 3G Ex nA OP IS IIC T4 IP65 Gc - II 3G Ex tc IIIC T135°C IP65 Dc  
Admitted danger zone: Zone2, Zone 22  
Admitted ambient temperature: -20°C ÷ +40°C  
Degree of protection: IP65  
Installation: suspension-ceiling  
Mechanical resistance of the housing: IK08  
Reference standards: EN 60079-0; EN 60079-15; EN 60079-31; EN 60079-28



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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

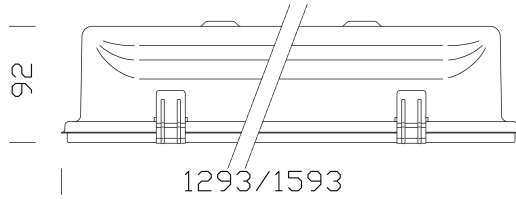
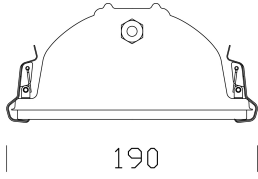
Impact resistance rating (IK)	IK08
IP	65
Ambient temperature - min	-20 °C
Ambient temperature - max	40 °C



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### MATERIALS AND COLOURS



Housing	steel, deep-drawn in one piece with high mechanical strength. Complete with highly mechanically resistant pressed steel frame.
Diffuser	tempered glass, 5 mm thick, resistant to thermal shock and impact (UNI EN 12150-1:2001).
Coating	polyester powder RAL7035 colour coated, phosphate pre-treatment, resistant to corrosion and salt spray fogs.
Colour	Grey
Equipment	silicone rubber gasket. Cable gland in nickel-plated M20 brass. Clamping system in steel. Standard with eyebolt with threaded shank. Can be installed on tracks art. 6000 with acc. 6036.

### STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE
Reference standards	Protection against explosions: II 3G Ex nA opis IIC T4 IP65 Gc - II 3D Ex tc IIC T135°C IP65 Dc Admitted danger zone: Zone 2; Zone 22 Reference standards: EN 60079-0; EN 60079-15; EN 60079-31; EN 60079-28
Energy Label	C

### DOWNLOAD

#### MOUNTS

[AssemblyInstructions forma 06-23.pdf](#)

[AssemblyInstructions FORMA ATEX ZONE.pdf](#)

[AssemblyInstructions forma ATEX warnings.pdf](#)

#### DESIGNS

[BIM 993 Forma-ATEX.zip](#)

[TechnicalDrawing formaled.dxf](#)



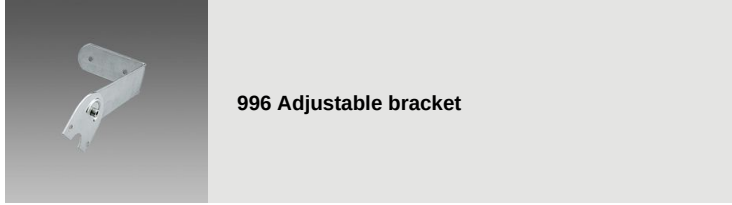
### WARRANTY

After sales warranty	3 yr
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996 Adjustable bracket