977 - Forma HE - wide beam 90° - transparent glass

Code: 162472-00

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 steel, capable of withstanding particularly aggressive environmental conditions.
The diffuser in tempered glass or UV-stabilised polycarbonate is attached to the body thanks to a 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.
It comes with multiple optics and different combinations, including options in high efficiency, luminous flux, and low flickering, and can be equipped with the most advanced light control systems.

GENERAL INFORMATION

Article	977 - Forma HE - wide beam 90° - transparent glass
Code	162472-00

DIMENSIONS AND WEIGHT

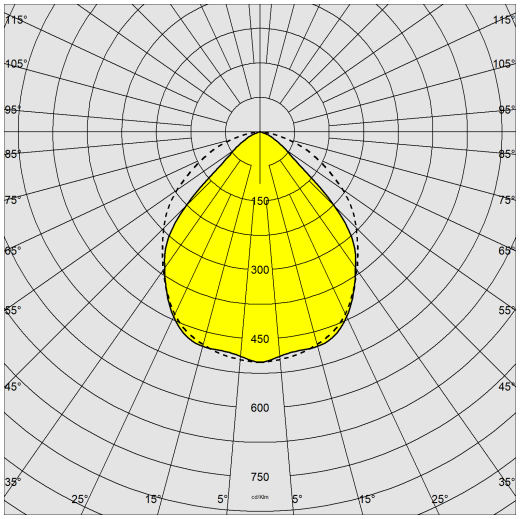
Length (mm)	1300 mm
Width (mm)	200 mm
Height (mm)	110 mm
Weight (Kg)	7.3 kg

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

977 - Forma HE - wide beam 90° - transparent glass

Code: 162472-00



PHOTOMETRIC DATA

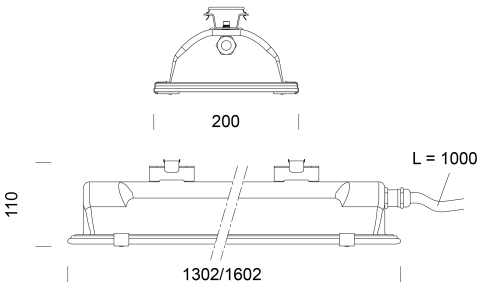
Lighting source	LED
CRI	≥80
Luminous flux (output) (lm)	11507 lm
Power absorption (total) (W)	72 W
CCT	4000 K
Luminous efficacy (lm/W)	160 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	50000 hr, L 80, B 20

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	66
Ambient temperature - min	-25 °C
Ambient temperature - max	40 °C

977 - Forma HE - wide beam 90° - transparent glass

Code: 162472-00



DOWNLOAD

MOUNTS

AssemblyInstructions forma 03-24.pdf

DESIGNS

BIM 977 Forma HE - 04-24.zip

TechnicalDrawing forma24.dxf

MATERIALS AND COLOURS

Housing	steel, deep-drawn in one piece with high mechanical strength. Complete with highly mechanically resistant pressed steel frame.
Optics	in high-performance PMMA resistent to high temperatures and UV rays.
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. -M20 nickel-plated brass cable gland. -Eyebolt with threaded stem for suspension as standard. -Clip spring system, complete with cable for electrical connection L=1m.

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE
Reference standards	EN 60598-1. They have a degree of protection in accordance with the EN 60529 standard. Ideal for installations with direct exposure to sunlight.
Energy Label	C

GEAR

Upon request	Version designed for bracket acc. 996 (please order with subcode -0074). - CLD-EC wiring for centrally powered emergency lighting, subcode -0050

WARRANTY

After sales warranty	5 yr