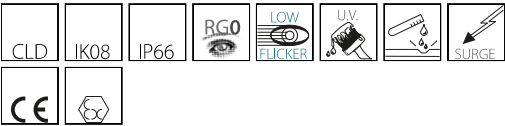


2892 - Saturno ATEX - ø370 UGR<25

Code: 330715-00

GENERAL INFORMATION



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: 3G Ex nA opis IIC T4 IP66 Gc - II 3D Ex tc IIIC T135°C IP66 Dc
Admitted danger zone: Zone2, Zone 22
Admitted ambient temperature: -20°C ÷ +40°C
Degree of protection: IP66
Installation: suspension
Mechanical resistance of the housing: IK08
Reference standards: EN 60079-0; EN 60079-15; EN 60079-31; EN 60079-28



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DIMENSIONS AND WEIGHT

Height (mm)	130 mm
Diameter (Ø) (mm)	370 mm
Weight (Kg)	5.2 kg

INSTALLATION

Atex Zone	2, 22
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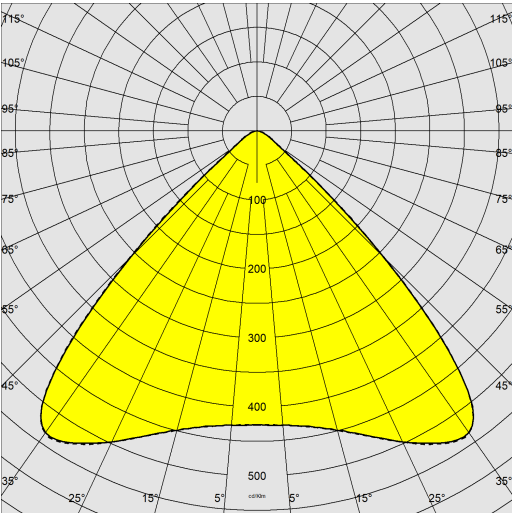
ELECTRICAL CHARACTERISTICS AND CONTROLS

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	≥0.95
Surge protector (common) (EN 61547)	10 kV, 10 kV
Insulation class	Class I
Controllability	None

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PHOTOMETRIC DATA



Lighting source	LED
CRI	80
Luminous flux (output) (lm)	26320 lm
Power absorption (total) (W)	170 W
CCT	4000 K
Luminous efficacy (lm/W)	155 lm/W
Unified glare rating UGR (EN 12464-1) (Reflectance coefficient: ceiling 0.7 - walls 0.5)	UGR<25, according to standard EN 12464.
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
Colour consistency	SDCM3
LED flux maintenance	100000 hr, L 90, B 10

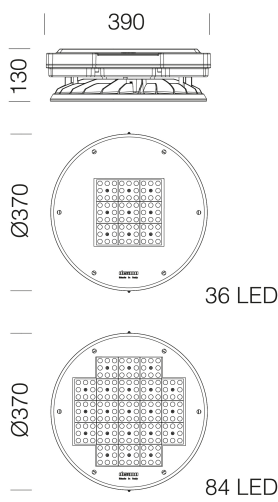
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	66
Ambient temperature - min	-20 °C
Ambient temperature - max	40 °C

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MATERIALS AND COLOURS



Housing	in die-cast aluminium with cooling fins integrated in the cover.
Optics	in high-performance PMMA resistant to high temperatures and UV rays.
Diffuser	tempered glass, 4 mm thick, resistant to thermal shock and impact (UNI EN 12150-1:2001).
Heat sink	the heat sink is designed and made to allow the LEDs to operate at temperatures capable of ensuring excellent performance/output and long service life.
Coating	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint.
Colour	Graphite

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0
Markings and tests	CE
Reference standards	Protection against explosions: II 3G Ex nA opis IIC T4 IP66 Gc - II 3D Ex tc IIIC T135°C IP66 Dc Admitted danger zone: Zone 2; Zone 22 Reference standards: EN 60079-0; EN 60079-15; EN 60079-31; EN 60079-28

WARRANTY

After sales warranty	5 yr
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DOWNLOAD

MOUNTS

AssemblyInstructions 2892 atex 12-23.pdf

DESIGNS

BIM 2892 Saturno ATEX 07-24.zip

TechnicalDrawing 2883at.dxf

