

1787 - Astro LED - ATEX - asymmetric 50°

Code: 330189-00



Aesthetically pleasing and energy-saving light that lasts in time: the highest performance of new lighting technologies is achieved with the technical requirements and reliability of state-of-the-art luminaires, such as those designed by Disano, a company with over fifty years of experience in the lighting industry.

Astro, a luminaire equipped with the latest generation of LEDs, was developed with this in mind. ASTRO is perfect for sports facilities, both indoors and outdoors.

It is a suitable and versatile solution thanks to its symmetric and asymmetric optics.

A simple, linear design is combined with sophisticated technology for exceptional technical performance: Astro was designed to exploit the full potential of the new high-efficiency LED lights.

The quality of the materials used and the fixture's high reliability, guaranteed by Disano, are a safe investment.

It is possible to choose the driving current of the LEDs to ensure that the appropriate power is always available for any given design condition. Level of protection EPL DC

Fixture for use in explosive atmospheres due to the presence of gases 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



GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Length (mm)	475 mm
Width (mm)	524 mm
Height (mm)	160 mm
Weight (Kg)	12.19 kg

INSTALLATION

Surface exposed to wind (mm)	L 60700 mm ² , F 210000 mm ²
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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
Rated Current	700 mA
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	70
Luminous flux (output) (lm)	12976 lm
Power absorption (total) (W)	137 W
CCT	4000 K
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	100000 hr, L 90, B 10

MECHANICAL CHARACTERISTICS

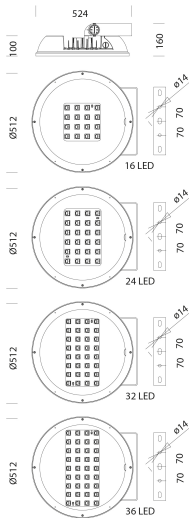
Impact resistance rating (IK)	IK08
IP	66



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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions Astro ATEX norm.pdf

AssemblyInstructions astro atex 03-23.pdf

DESIGNS

BIM 1787 Astro ATEX - asymmetric 50° - 20200303.zip

TechnicalDrawing 1787atex.dxf



Housing	in die-cast aluminium with cooling fins integrated in the cover.
Optics	in high-performance PMMA resistant to high temperatures and UV rays. Flow recuperators in polycarbonate.
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	pre-treatment of metal surface, polyester powder coating to ensure resistance to corrosion and salt spray fogs, UV stabilised.
Special coating (UPON REQUEST)	upon request: available with coating tested to withstand corrosion tests in aggressive artificial atmospheres (UNI EN ISO 9227) or marine environments (sea front).
Colour	Grey
Equipment	<ul style="list-style-type: none">- galvanised and painted bracket- IP68 cable gland- temperature controller with auto-reset- EN 61547 compliant surge protection.- anti-condensation valve- goniometric scale

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0 Ethr
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
Energy Label	C

GEAR

Upon request	<ul style="list-style-type: none">- DIG dimmable power supply, to be ordered with subcode 0041- virtual midnight device, to be ordered with subcode -30- power line carrier, to be ordered with subcode -0078
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WARRANTY

After sales warranty	3 yr
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