1789 - Astro ATEX - UGR<25 - wide beam

Code: 330291-00

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

GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Height (mm)	163 mm
Diameter (Ø) (mm)	475 mm
Weight (Kg)	12.075 kg

ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage (V)	230 V
Frequency (Hz)	50 Hz
Wiring	CLD
Power factor	≥0.95
Surge protector (common) (EN 61547)	10 kV, 10 kV
Insulation class	Class I
Controllability	None

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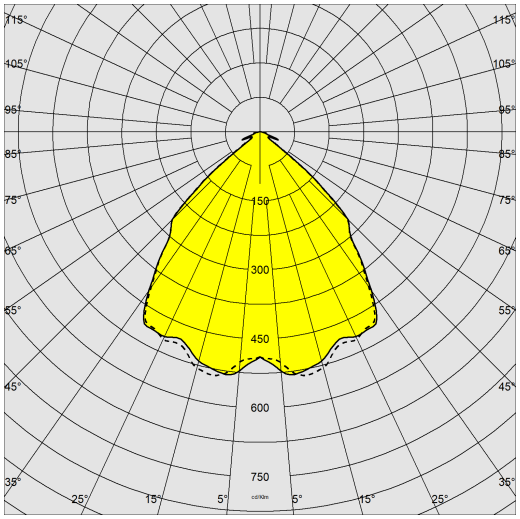

PHOTOMETRIC DATA

Lighting source	LED
CRI	80
Luminous flux (output) (lm)	29730 lm
Power absorption (total) (W)	271 W
CCT	4000 K
Luminous efficacy (lm/W)	110 lm/W
Unified glare rating UGR (EN 12464-1) (Reflectance coefficient: ceiling 0.7 - walls 0.5)	UGR<25 (in any situation). According to standard EN 12464.
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	66

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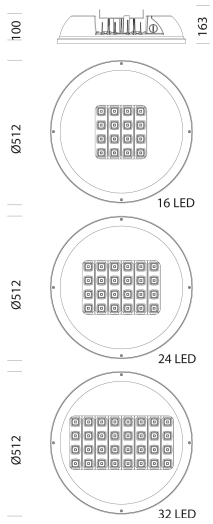

DOWNLOAD

MOUNTS

AssemblyInstructions Astro ATEX norm.pdf

AssemblyInstructions astro atex 03-23.pdf

DESIGNS

TechnicalDrawing 1789atex.dxf

TechnicalDrawing3D disano 1789 astro 32 led.3ds

MATERIALS AND COLOURS

Housing	in die-cast aluminium with cooling fins integrated in the cover.
Optics	in high-performance metallised polycarbonate with micro-facets to reduce direct glare.
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 agressive artificial atmospheres (UNI EN ISO 9227) or marine environments (sea front).
Colour	Grey
Equipment	- galvanised and painted bracket - IP68 quick connector - 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

GEAR

Upon request	- 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

WARRANTY

After sales warranty	5 yr