

1789 - Astro ATEX - UGR<25 - wide beam

Code: 330296-00



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

Article	1789 - Astro ATEX - UGR<25 - wide beam
Code	330296-00

DIMENSIONS AND WEIGHT

Height (mm)	163 mm
Diameter (Ø) (mm)	475 mm
Weight (Kg)	11.485 kg

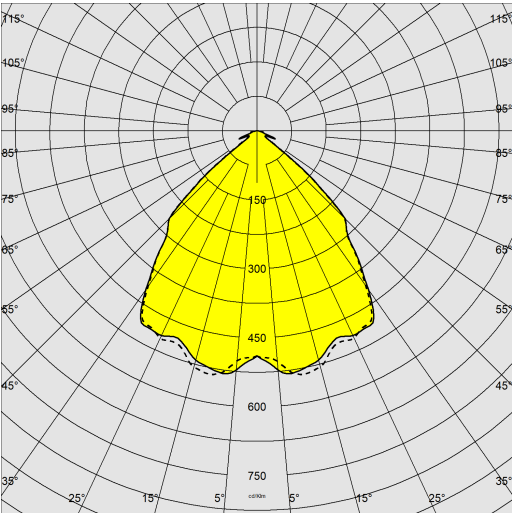
ELECTRICAL CHARACTERISTICS AND CONTROLS

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

1789 - Astro ATEX - UGR<25 - wide beam

Code: 330296-00

PHOTOMETRIC DATA



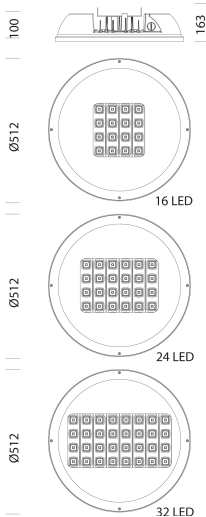
Lighting source	LED
CRI	80
Luminous flux (output) (lm)	14865 lm
Power absorption (total) (W)	137 W
CCT	4000 K
Luminous efficacy (lm/W)	109 lm/W
Unified glare rating UGR (EN 12464-1) (Reflectance coefficient: ceiling 0.7 - walls 0.5)	UGR<25 (in any situation). According to standard EN 12464.
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
LED flux maintenance	100000 hr, L 90, B 10

MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	66

1789 - Astro ATEX - UGR<25 - wide beam

Code: 330296-00



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 aggressive artificial atmospheres (UNI EN ISO 9227) or marine environments (sea front).
Colour	Grey
Equipment	<ul style="list-style-type: none"><li>- galvanised and painted bracket</li><li>- IP68 quick connector</li><li>- temperature controller with auto-reset</li><li>- EN 61547 compliant surge protection.</li><li>- anti-condensation valve</li><li>- goniometric scale</li></ul>

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

WARRANTY

After sales warranty	5 yr
----------------------	------