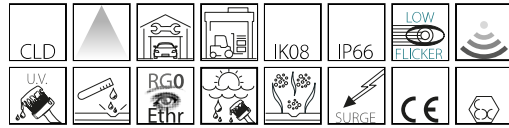


# 1789 - Astro ATEX - UGR<25 - wide beam

Code: 330297-00

## GENERAL INFORMATION



Article	1789 - Astro ATEX - UGR<25 - wide beam
Code	330297-00

## DIMENSIONS AND WEIGHT

Height (mm)	163 mm
Diameter (Ø) (mm)	512 mm
Weight (Kg)	11.9 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



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.

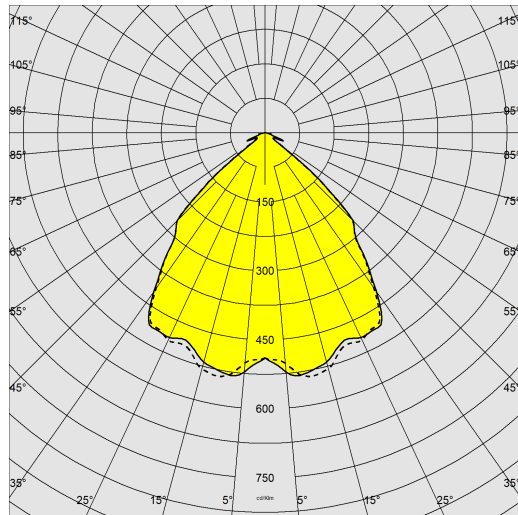
Protection against explosions: 3G Ex nA opis IIC T4 IP66 Gc - II 3D Ex tc IIIC T135°C IP66 Dc  
 Admitted danger zone: Zone2, Zone 22  
 Admitted ambient temperature: -20°C ÷ +40°C  
 Degree of protection: IP66  
 Installation: suspension  
 Mechanical resistance of the housing: IK08  
 Reference standards: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



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### 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, 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

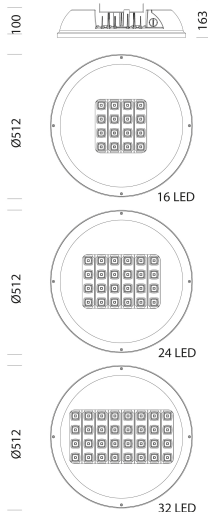
### MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	66



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## DOWNLOAD

### MOUNTS

[AssemblyInstructions Astro ATEX norm.pdf](#)

[AssemblyInstructions astro atex 03-23.pdf](#)

### DESIGNS

[BIM 1789 Astro ATEX 07-24.zip](#)

[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	Graphite
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> </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>
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## WARRANTY

After sales warranty	5 yr
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