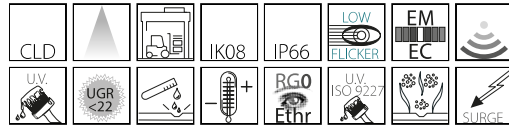


2791 - Astro HT - UGR<22 - high temperature

Code: 330281-00

GENERAL INFORMATION



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DIMENSIONS AND WEIGHT

Height (mm)	152 mm
Diameter (Ø) (mm)	475 mm
Weight (Kg)	9.9 kg

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



Astro HT is the industrial lighting fixture designed to illuminate spaces at high temperatures.

An excellent quality downlighter with excellent colour rendering and glare-free (UGR <22), in a luminaire built with high-quality, long-lasting materials.

Because of the latest generation, high-power LED sources, these luminaire provides substantial energy savings compared to an older lighting system, allowing, among other things, a quick return on investment as well as a very long service life and reduced maintenance costs.

Further advantages of Astro derive from the use of advanced, high-performance components, tested in Disano's laboratories, which allows for a rational use of light.

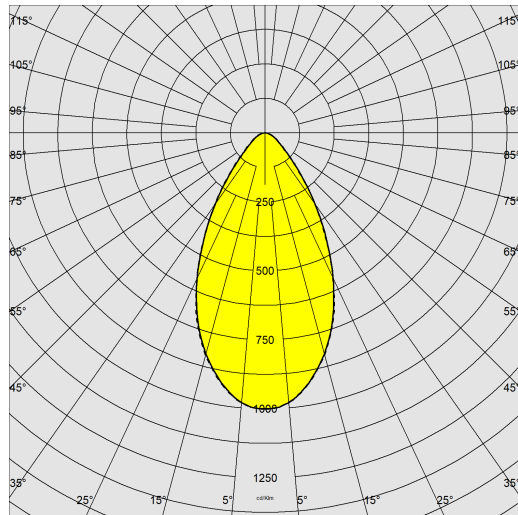
In Astro, the most sophisticated technology is combined with a futuristic design, with linear, slender profiles and light volumes that blends well into any setting.



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PHOTOMETRIC DATA



Lighting source	LED
CRI	80
Luminous flux (output) (lm)	19661 lm
Power absorption (total) (W)	128 W
CCT	4000 K
Luminous efficacy (lm/W)	154 lm/W
Unified glare rating UGR (EN 12464-1) (Reflectance coefficient: ceiling 0.7 - walls 0.5)	UGR<22, 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

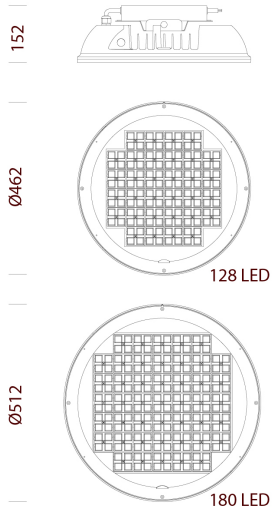
Impact resistance rating (IK)	IK08
IP	66
Ambient temperature - min	-40 °C
Ambient temperature - max	65 °C



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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	pre-treatment of metal surface, polyester powder coating to ensure resistance to corrosion and salt spray fogs, UV stabilised.
Colour	Graphite
Equipment	<ul style="list-style-type: none"> - waterproof connector for quick installation with no need to open the fixture - temperature controller with auto-reset - EN 61547 compliant surge protection. - anti-condensation valve

DOWNLOAD

MOUNTS

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

DESIGNS

[TechnicalDrawing 2791.dxf](#)



STANDARDS AND COMPLIANCE

Photobiological safety class	RG0 Ethr
Markings and tests	CE
Reference standards	EN60598-1. With degree of protection according to EN60529.
Energy Label	C

GEAR

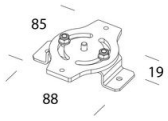
Upon request	<ul style="list-style-type: none"> - protection up to 10KV. - possibility of central light management or with external presence/light sensors - DIMM 1-10V version, subcode -12. with CLD D-D wiring (DALI), subcode -0041
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WARRANTY

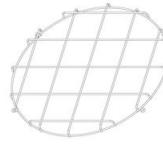
After sales warranty	5 yr
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533 Swivel connector



24 Protection grid - Astro