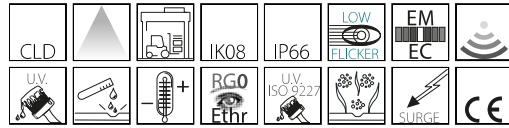


2793 - Astro HT - UGR<25 - high temperature

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GENERAL INFORMATION



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DIMENSIONS AND WEIGHT

Height (mm)	152 mm
Diameter (Ø) (mm)	475 mm
Weight (Kg)	12.4 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.

Astro HT is offered in three versions with different wattages and flux values.

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.

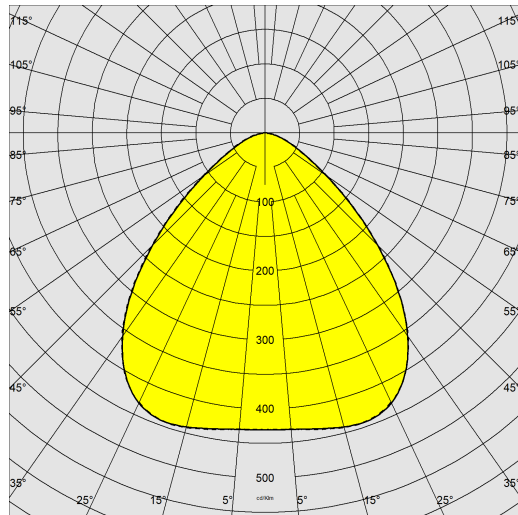
In Astro, the most sophisticated technology is combined with a futuristic design, with linear, slender profiles and light volumes that blends well into any setting.



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PHOTOMETRIC DATA



Lighting source	LED
CRI	80
Luminous flux (output) (lm)	25551 lm
Power absorption (total) (W)	168 W
CCT	4000 K
Luminous efficacy (lm/W)	152 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



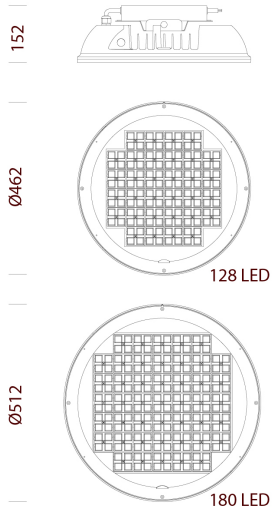
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	66
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 2793.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

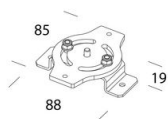
Upon request	<ul style="list-style-type: none"> - protection up to 10KV. - possibility of central light management or with external presence/light sensors - DIMM 1-10V version, subcode -12. with CLD D-D wiring (DALI), subcode -0041
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WARRANTY

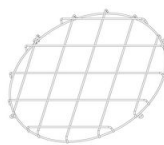
After sales warranty	5 yr
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533 Swivel connector



24 Protection grid - Astro