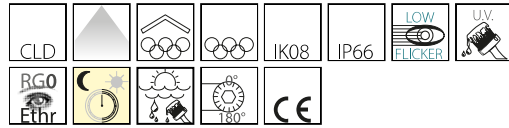


1782 - Astro HP - high performance

Code: 320000-00

GENERAL INFORMATION



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DIMENSIONS AND WEIGHT

Length (mm)	477 mm
Width (mm)	462 mm
Height (mm)	160 mm
Weight (Kg)	9.7 kg

INSTALLATION

Surface exposed to wind (mm)	L 55100 mm ² , F 171500 mm ²
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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)	4 kV
Insulation class	Class I
Controllability	None



Aesthetically pleasing and energy-saving light that lasts in time: the highest performance of new lighting technologies is achieved with the technical requirements and reliability of state-of-the-art luminaires, such as those designed by Disano, a company with over fifty years of experience in the lighting industry.

Astro, a luminaire equipped with the latest generation of LEDs, was developed with this in mind. ASTRO is perfect for sports facilities, both indoors and outdoors.

It is a suitable and versatile solution thanks to its symmetric and asymmetric optics.

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

The quality of the materials used and the fixture's high reliability, guaranteed by Disano, are a safe investment.

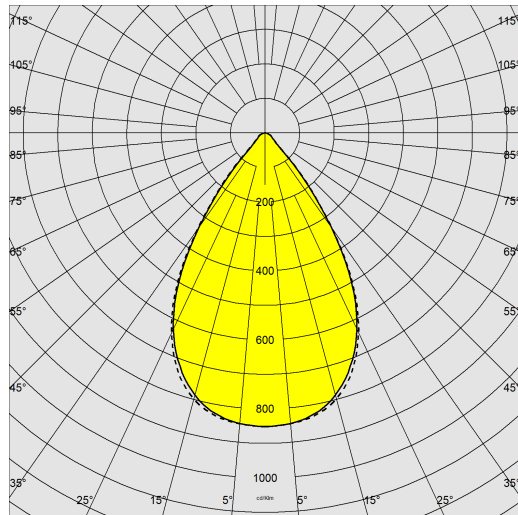
It is possible to choose the driving current of the LEDs to ensure that the appropriate power is always available for any given design condition.



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PHOTOMETRIC DATA



Lighting source	LED
CRI	80
Luminous flux (output) (lm)	15131 lm
Power absorption (total) (W)	109 W
CCT	4000 K
Luminous efficacy (lm/W)	139 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
Beam angle	60 °
LED flux maintenance	100000 hr, L 90, B 10

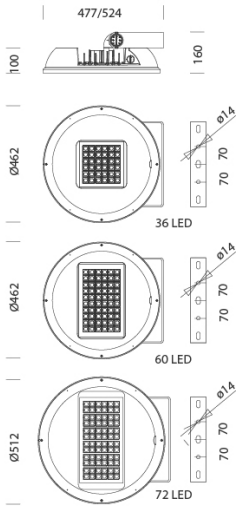
MECHANICAL CHARACTERISTICS

Impact resistance rating (IK)	IK08
IP	66
Ambient temperature - min	-30 °C
Ambient temperature - max	35 °C

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MATERIALS AND COLOURS



[DOWNLOAD](#)

MOUNTS

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

DESIGNS

[BIM 1782 Astro HP.zip](#)

[TechnicalDrawing 1782a.dxf](#)



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	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint., Anthracite = RAL 7021
Special coating (UPON REQUEST)	Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.
Colour	Anthracite
Equipment	<ul style="list-style-type: none"> - galvanised and painted bracket - 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 - goniometric scale

STANDARDS AND COMPLIANCE

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

GEAR

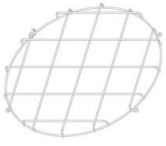
Upon request	<ul style="list-style-type: none"> - protection of up to 10KV. - DIG dimmable power supply, to be ordered with subcode 0041 - virtual midnight device, to be ordered with subcode -30 - power line carrier, to be ordered with subcode -0078
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WARRANTY

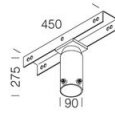
After sales warranty	5 yr
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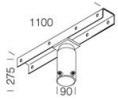
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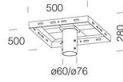
24 Protection grid - Astro



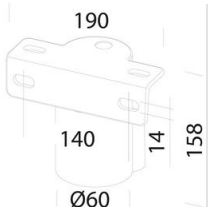
59 Bracket for pole



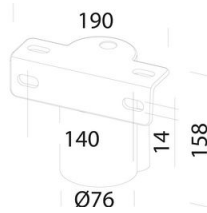
60 Bracket for pole



164 Bracket for pole



235 Connection for 60 mm pole



236 Connection for 76 mm pole