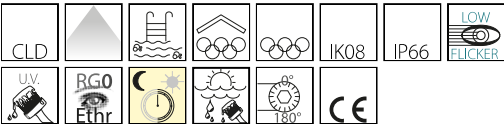


1783 - Astro HE

Code: 320014-00



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.



GENERAL INFORMATION

Article	1783 - Astro HE
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DIMENSIONS AND WEIGHT

Length (mm)	524 mm
Width (mm)	512 mm
Height (mm)	160 mm
Weight (Kg)	11.8 kg

INSTALLATION

Surface exposed to wind (mm)	L 60700 mm ² , F 210000 mm ²
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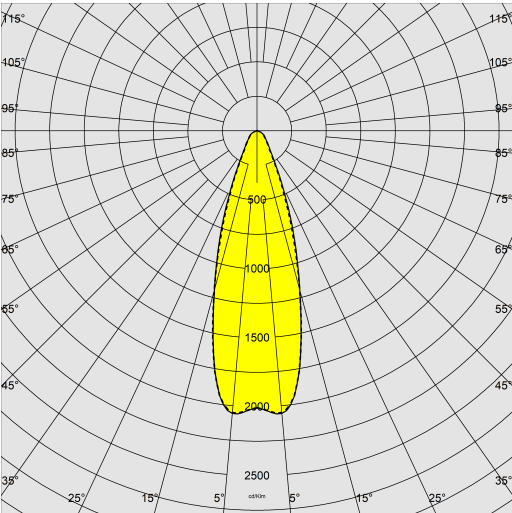
ELECTRICAL CHARACTERISTICS AND CONTROLS

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, 6 kV
Insulation class	Class I
Controllability	None

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PHOTOMETRIC DATA



Lighting source	LED
CRI	80
Luminous flux (output) (lm)	26159 lm
Power absorption (total) (W)	195 W
CCT	4000 K
Luminous efficacy (lm/W)	134 lm/W
Low Flicker	luminaire with very low flicker: evenly distributed light for greater visual safety.
Beam angle	30 °
LED flux maintenance	100000 hr, L 90, B 10

MECHANICAL CHARACTERISTICS

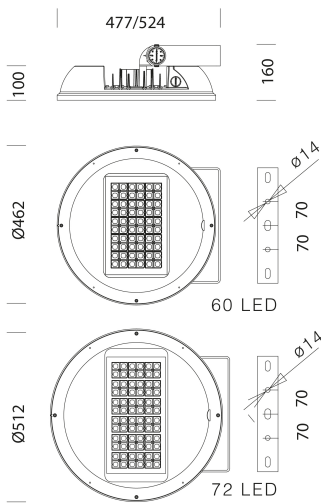
Impact resistance rating (IK)	IK08
IP	66
Ambient temperature - min	-30 °C
Ambient temperature - max	35 °C



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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions astro hp-he 03-23.pdf

DESIGNS

BIM 1783 Astro HE.zip

TechnicalDrawing dis1783.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	- 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

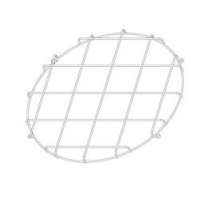
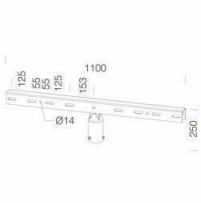
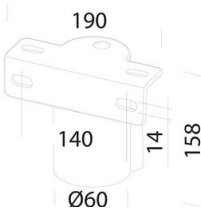
Sensors	
Upon request	- protection of up to 10KV. - DIG dimmable power supply, to be ordered with subcode 0041 - virtual midnight device, to be ordered with subcode -30 - power line carrier, to be ordered with subcode -0078

WARRANTY

After sales warranty	5 yr
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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 m pole