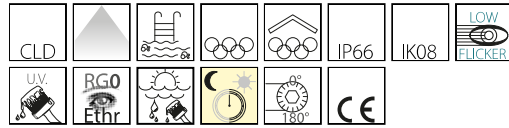


## 1783 - Astro HE - high efficiency

Code: 320010-00

### GENERAL INFORMATION



Article	1783 - Astro HE - high efficiency
Code	320010-00

### DIMENSIONS AND WEIGHT

Length (mm)	477 mm
Width (mm)	462 mm
Height (mm)	160 mm
Weight (Kg)	10.4 kg

### INSTALLATION

Surface exposed to wind (mm)	L 55100 mm <sup>2</sup> , F 171500 mm <sup>2</sup>
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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.

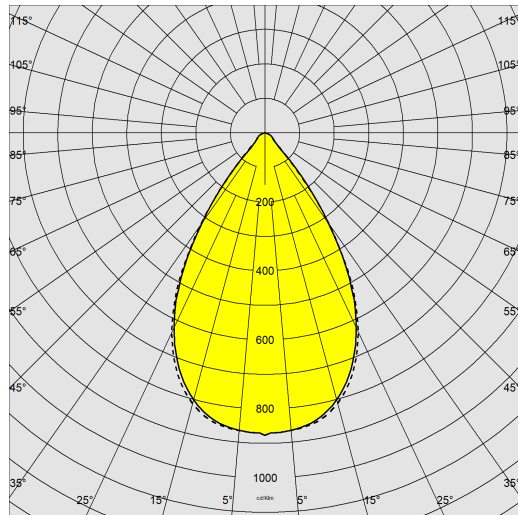
It is possible to choose the driving current of the LEDs to ensure that the appropriate power is always available for any given design condition.



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### PHOTOMETRIC DATA



Lighting source	LED
CRI	80
Luminous flux (output) (lm)	18135 lm
Power absorption (total) (W)	124 W
CCT	4000 K
Luminous efficacy (lm/W)	146 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

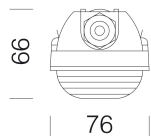
### MECHANICAL CHARACTERISTICS

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 1783 Astro HE.zip](#)

[TechnicalDrawing 1783.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	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	Anthracite
Equipment	<ul style="list-style-type: none"> <li>- galvanised and painted bracket</li> <li>- waterproof connector for quick installation with no need to open the fixture</li> <li>- temperature controller with auto-reset</li> <li>- EN 61547 compliant surge protection.</li> <li>- anti-condensation valve</li> <li>- goniometric scale</li> </ul>

## 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

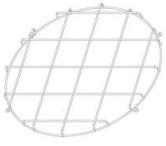
Upon request	<ul style="list-style-type: none"> <li>- protection of up to 10KV.</li> <li>- DIG dimmable power supply, to be ordered with subcode 0041</li> <li>- virtual midnight device, to be ordered with subcode -30</li> <li>- power line carrier, to be ordered with subcode -0078</li> </ul>
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##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

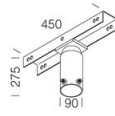
After sales warranty	5 yr
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# 1783 - Astro HE - high efficiency

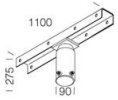
Code: 320010-00



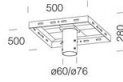
**24 Protection grid - Astro**



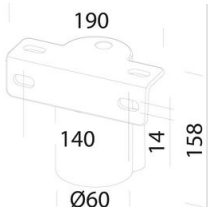
**59 Bracket for pole**



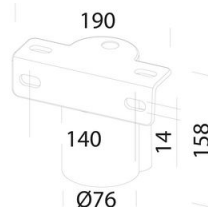
**60 Bracket for pole**



**164 Bracket for pole**



**235 Connection for 60 mm pole**



**236 Connection for 76 m pole**