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**1783 Astro HE - high efficiency**

Lights with great aesthetic quality, superior energy-efficiency and long life: in order to obtain the best from the new lighting technology, lighting systems need the technical requirements and the reliability of state-of-the-art fixtures, such as the ones designed by Disano, a company with over fifty years of experience in the lighting sector.

Astro was created to meet these criteria and is available in three different versions: for interiors, centre-road application and as a spotlight.

Simple and linear aesthetics combines with a sophisticated technology to offer exceptional technical performance: Astro was designed to take the best from all the potential of the new LED lights.

Quality materials and the fixture's high reliability, as always guaranteed by Disano, are a safe investment.

The product offers the possibility to choose the correct drive current for LEDs and have the right power under specific design conditions

Housing: in die-cast aluminium with cooling fins integrated into the cover.

Diffuser: tempered glass, 4 mm thick, resistant to thermal shocks and impacts (UNI-EN 12150-1: 2001).

Coating: the standard powder coating consists of a first metal surface pre-treatment stage and of single layer of UV-stabilised, corrosion and salt resistant polyester powder coating.

Standard supply: device for automatic temperature control. Electronic safety device to protect the LED module and the related ballast compliant with EN 61547. It works in two modes: - differential mode: surge between power cables and between the phase and neutral. - common mode: surge between power, L/N and ground cables or between the fixture's body if it is of class II and installed on a metal pole. Upon request: protection up to 10KV. Coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments. Heat sink: the heat dissipation system is specially designed and made to allow the operation of the LED lights with temperatures below 50° (Tj = 85°), thus guaranteeing excellent performance/efficiency and durability.

The possibility to choose the correct drive current for LEDs. Using a lower current will improve the efficiency of fixtures and therefore increase energy saving.

Optics: in PMMA, highly resistant to temperature and UV radiation

LED: Latest generation LED technology, Ta-30 + 35°C life 90%: 100000h (L90B10).

Photobiological safety class: exempt group EN62471.

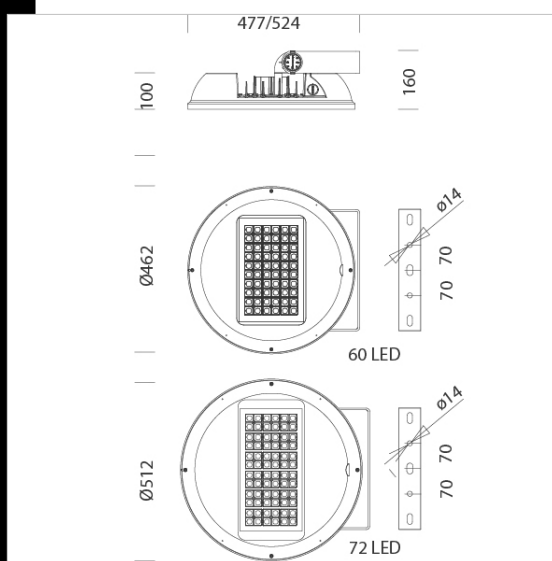
Upon request:

- with power supply DIG dimmable with subcode 0041.

- with virtual midnight subcode 30.

- power line carrier remote control systems subcode 0078.

Wind surface: ø462 : L=551cm<sup>2</sup> - F1715cm<sup>2</sup> ø512 : L=607cm<sup>2</sup> - F=2100cm<sup>2</sup>



Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
320010-00	CLD	10,34	LED-18135lm-4000K-60°-CRI 80	124 W	GRAPHITE	4kV
320011-00	CLD	10,34	LED-22236lm-4000K-60°-CRI 80	151 W	GRAPHITE	4kV
320012-00	CLD	11,77	LED-27488lm-4000K-60°-CRI 80	195 W	GRAPHITE	4/6kV
320014-00	CLD	11,83	LED-26159lm-4000K-30°-CRI 80	195 W	GRAPHITE	4/6kV
320015-00	CLD	11,79	LED-27195lm-4000K-90°-CRI 80	195 W	GRAPHITE	4/6kV

**Accessori**



- 24 protective guard

The reported luminous flux is the flux emitted by the light source with a tolerance of ± 10% compared to the indicated value. The W tot column indicates the total wattage absorbed by the system without exceeding 10% of the indicated