

## 1788 Astro - narrow beam

Astro LED is the reflector that achieves the most advanced results in industrial, sporting and large area lighting

The concept of Human Centric Light, which is based on a perfect lighting control 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 high-performance LED lights.

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

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. In the event of an unexpected temperature rise caused by particular weather conditions, the system will reduce the luminous flux to lower the working temperature and guarantee proper operation. 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: for Class II fixtures, protection up to 10KV. 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.

Photobiological safety class: exempt group EN62471.

Emergency version: 1h, acc. 1175 to be purchased separately

Upon request:

- With power supply DIG dimmable with subcode 0041.

- Emergency wiring with centralized power supply CLD CELL-EC (sub-code -0050).

It is also available with sensors

Luminous flux maintenance

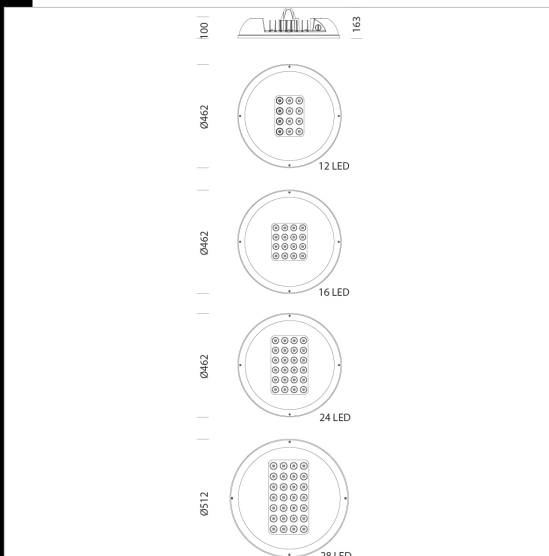
330186-00 / 330187-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +45°

330180-00 / 330183-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +45°

330181-00 / 330184-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +40°

330182-00 / 330185-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +40°

(request in head office for higher Ta...)



### Download

DXF 2D  
- 1788h.dxf

### 3DS

- disano\_1788\_astro\_32\_led\_3ds  
- disano\_1788\_astro\_16\_led\_3ds  
- disano\_1788\_astro\_12\_led\_3ds  
- disano\_1788\_astro\_24\_led\_3ds

### 3DM

- disano\_1788\_astro\_12\_LED\_3dm  
- disano\_1788\_astro\_32\_led\_3dm  
- disano\_1788\_astro\_24\_LED\_3dm  
- disano\_1788\_astro\_16\_led\_3dm

### Montaggi

- 1788-1789EM.pdf  
- astro 01-21.pdf  
- Astro suspensions.pdf

### BIM

- 1788 Astro LED - narrow beam - 20200224.zip

Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
330086-00	CLD	9,40	LED-10534lm-4000K-CRI 80	101 W	GREY	6/8kV
330087-00	CLD	9,62	LED-10534lm-4000K-CRI 80	101 W	GRAPHITE	6/8kV
330080-00	CLD	11,10	LED-14046lm-4000K-CRI 80	135 W	GREY	6/8kV
330083-00	CLD	8,96	LED-14046lm-4000K-CRI 80	135 W	GRAPHITE	6/8kV
330081-00	CLD	9,93	LED-21069lm-4000K-CRI 80	203 W	GREY	6/8kV
330084-00	CLD	9,96	LED-21069lm-4000K-CRI 80	203 W	GRAPHITE	6/8kV
330082-00	CLD	12,50	LED-26424lm-4000K-CRI 80	235 W	GREY	6/8kV
330085-00	CLD	12,50	LED-26424lm-4000K-CRI 80	235 W	GRAPHITE	6/8kV
330086-07	CLD-E	10,92	LED-10534lm-4000K-CRI 80	104 W	GREY	6/8kV
330087-07	CLD-E	9,18	LED-10534lm-4000K-CRI 80	104 W	GRAPHITE	6/8kV
330080-07	CLD-E	11,12	LED-14046lm-4000K-CRI 80	135 W	GREY	6/8kV
330083-07	CLD-E	11,50	LED-14046lm-4000K-CRI 80	138 W	GRAPHITE	6/8kV
330081-07	CLD-E	11,22	LED-21069lm-4000K-CRI 80	205 W	GREY	6/8kV
330084-07	CLD-E	11,00	LED-21069lm-4000K-CRI 80	206 W	GRAPHITE	6/8kV
330082-07	CLD-E	10,88	LED-26424lm-4000K-CRI 80	238 W	GREY	6/8kV
330085-07	CLD-E	11,30	LED-26424lm-4000K-CRI 80	236 W	GRAPHITE	6/8kV
330086-0041	CLD-D-D	9,40	LED-10534lm-4000K-CRI 80	101 W	GREY	6/8kV
330087-0041	CLD-D-D	10,74	LED-10534lm-4000K-CRI 80	101 W	GRAPHITE	6/8kV
330080-0041	CLD-D-D	10,92	LED-14046lm-4000K-CRI 80	135 W	GREY	6/8kV
330083-0041	CLD-D-D	9,60	LED-14046lm-4000K-CRI 80	135 W	GRAPHITE	6/8kV
330081-0041	CLD-D-D	9,93	LED-21069lm-4000K-CRI 80	203 W	GREY	6/8kV
330084-0041	CLD-D-D	9,92	LED-21069lm-4000K-CRI 80	203 W	GRAPHITE	6/8kV
330082-0041	CLD-D-D	12,50	LED-26424lm-4000K-CRI 80	235 W	GREY	6/8kV
330085-0041	CLD-D-D	11,34	LED-26424lm-4000K-CRI 80	235 W	GRAPHITE	6/8kV

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

### Accessori



- 538 suspension for ceiling fitting



- Presence sensors - STAND-ALONE

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Accessori



- Presence and light sensors -  
DIMM DALI



- 1175 EM box - 997651-00

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