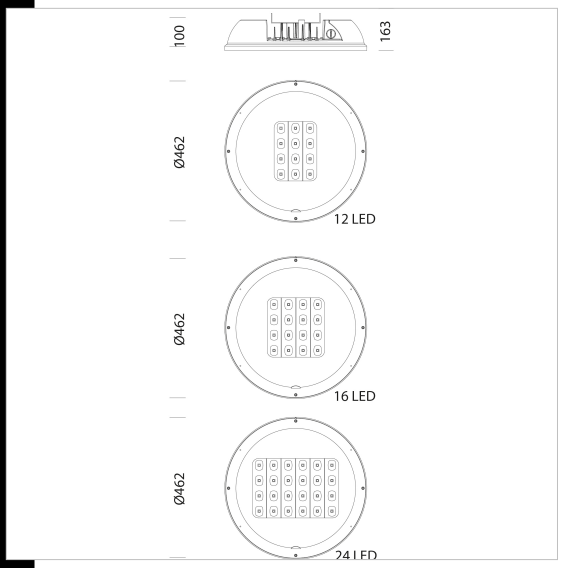

2787 Astro LED - UGR<22 - elliptical

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 LED with UGR<22, therefore below the threshold in which glare becomes uncomfortable. These are major improvements that increase workplace safety and wellbeing.
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.
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).
Optics : in high-performance metallic V0 polycarbonate with micro-faceted finish. 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. Equipment: complete with watertight IP68 connecter for line connection. Anti-condensation valve for air recirculation.
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.
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.
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
330170-00 / 330174-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +45°
330171-00 / 330175-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +45°
330172-00 / 330176-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +40°
(request in head office for higher Ta...)

Download

DXF 2D
- 2787r.dxf

3DS
- disano_2787_astro_12_LED.3ds
- disano_2787_astro_16_LED.3ds
- disano_2787_astro_24_LED.3ds

3DM
- disano_2787_astro_24_LED.3dm
- disano_2787_astro_12_LED.3dm
- disano_2787_astro_16_LED.3dm

Montaggi
- astro.pdf
- astroem.pdf
- Astro suspensions.pdf

BIM
- 2787 Astro LED - UGR22 - elliptical - 20200224.zip

Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
330170-00	CLD CELL	8.95	LED-11237lm-4000K-CRI 80	102 W	GREY	6/8kV
330174-00	CLD CELL	9.25	LED-11237lm-4000K-CRI 80	102 W	GRAFITE	6/8kV
330171-00	CLD CELL	8.76	LED-14982lm-4000K-CRI 80	135 W	GREY	6/8kV
330175-00	CLD CELL	8.76	LED-14982lm-4000K-CRI 80	135 W	GRAFITE	6/8kV
330172-00	CLD CELL	9.85	LED-22474lm-4000K-CRI 80	200 W	GREY	6/8kV
330176-00	CLD CELL	9.62	LED-22474lm-4000K-CRI 80	200 W	GRAFITE	6/8kV
330170-07	CLD CELL-E	9.22	LED-11237lm-4000K-CRI 80	102 W	GREY	6/8kV
330174-07	CLD CELL-E	9.66	LED-11237lm-4000K-CRI 80	102 W	GRAFITE	6/8kV
330171-07	CLD CELL-E	11.10	LED-14982lm-4000K-CRI 80	135 W	GREY	6/8kV
330175-07	CLD CELL-E	11.10	LED-14982lm-4000K-CRI 80	135 W	GRAFITE	6/8kV
330172-07	CLD CELL-E	9.51	LED-22474lm-4000K-CRI 80	202 W	GREY	6/8kV
330176-07	CLD CELL-E	9.53	LED-22474lm-4000K-CRI 80	205 W	GRAFITE	6/8kV
330170-0041	CLD CELL-D-D	8.95	LED-11237lm-4000K-CRI 80	102 W	GREY	6/8kV
330174-0041	CLD CELL-D-D	9.79	LED-11237lm-4000K-CRI 80	102 W	GRAFITE	6/8kV
330171-0041	CLD CELL-D-D	9.35	LED-14982lm-4000K-CRI 80	135 W	GREY	6/8kV
330175-0041	CLD CELL-D-D	9.21	LED-14982lm-4000K-CRI 80	135 W	GRAFITE	6/8kV
330172-0041	CLD CELL-D-D	9.85	LED-22474lm-4000K-CRI 80	200 W	GREY	6/8kV
330176-0041	CLD CELL-D-D	9.62	LED-22474lm-4000K-CRI 80	203 W	GRAFITE	6/8kV

Accessories

- 1175 Em box

- 538 suspension for ceiling fitting

- 24 protective guard

- 533

- Presence sensors - STAND-ALONE

- Presence and light sensors - DIMM DALI

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