

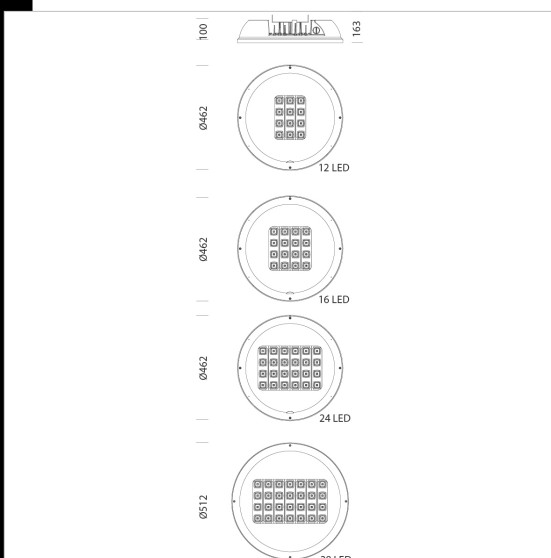
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The reported luminous flux is the flux emitted by the light source with a tolerance of $\pm 10\%$ compared to the indicated value. The W tot column indicates the total wattage absorbed by the system without exceeding 10% of the indicated



1789 Astro - UGR<25 - wide 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.

Optics : in high-performance metallic V0 polycarbonate with micro-faceted finish. 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. Equipment: complete with watertight IP68 connector for line connection. Anti-condensation valve for air recirculation.

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.

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

330196-00 / 330197-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +45°

330190-00 / 330193-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +45°

330191-00 / 330194-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +40°

330192-00 / 330195-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +40°

330088-00 / 330089-00: 90% - 100.000h - (L90B10) - Ta = -40°C ÷ +40°

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

Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
330096-00	CLD	9.03	LED-11149lm-4000K-CRI 80	101 W	GREY	6/8kV
330097-00	CLD	8.98	LED-11149lm-4000K-CRI 80	101 W	GRAPHITE	6/8kV
330090-00	CLD	11.10	LED-14865lm-4000K-CRI 80	135 W	GREY	6/8kV
330093-00	CLD	8.98	LED-14865lm-4000K-CRI 80	135 W	GRAPHITE	6/8kV
330091-00	CLD	10.30	LED-22298lm-4000K-CRI 80	203 W	GREY	6/8kV
330094-00	CLD	10.22	LED-22298lm-4000K-CRI 80	203 W	GRAPHITE	6/8kV
330092-00	CLD	12.50	LED-26013lm-4000K-CRI 80	235 W	GREY	6/8kV
330095-00	CLD	12.50	LED-26013lm-4000K-CRI 80	235 W	GRAPHITE	6/8kV
330088-00	CLD-D	9.30	LED-25987lm-4000K-CRI 80	251 W	GREY	6/8kV
330089-00	CLD-D	9.61	LED-25987lm-4000K-CRI 80	251 W	GRAPHITE	6/8kV
330096-07	CLD-E	9.78	LED-11149lm-4000K-CRI 80	104 W	GREY	6/8kV
330097-07	CLD-E	10.00	LED-11149lm-4000K-CRI 80	104 W	GRAPHITE	6/8kV
330090-07	CLD-E	11.50	LED-14865lm-4000K-CRI 80	135 W	GREY	6/8kV
330093-07	CLD-E	11.46	LED-14865lm-4000K-CRI 80	135 W	GRAPHITE	6/8kV
330091-07	CLD-E	9.54	LED-22298lm-4000K-CRI 80	206 W	GREY	6/8kV
330094-07	CLD-E	9.35	LED-22298lm-4000K-CRI 80	206 W	GRAPHITE	6/8kV
330092-07	CLD-E	11.54	LED-26013lm-4000K-CRI 80	236 W	GREY	6/8kV
330095-07	CLD-E	11.50	LED-26013lm-4000K-CRI 80	236 W	GRAPHITE	6/8kV
330088-07	CLD-D-E	9.29	LED-25987lm-4000K-CRI 80	248 W	GREY	6/8kV
330089-07	CLD-D-E	12.00	LED-25987lm-4000K-CRI 80	248 W	GRAPHITE	6/8kV
330096-0041	CLD-D-D	10.14	LED-11149lm-4000K-CRI 80	101 W	GREY	6/8kV
330097-0041	CLD-D-D	9.80	LED-11149lm-4000K-CRI 80	101 W	GRAPHITE	
330090-0041	CLD-D-D	11.68	LED-14865lm-4000K-CRI 80	135 W	GREY	
330093-0041	CLD-D-D	11.50	LED-14865lm-4000K-CRI 80	135 W	GRAPHITE	
330091-0041	CLD-D-D	9.30	LED-22298lm-4000K-CRI 80	203 W	GREY	
330094-0041	CLD-D-D	11.70	LED-22298lm-4000K-CRI 80	203 W	GRAPHITE	
330092-0041	CLD-D-D	11.72	LED-26013lm-4000K-CRI 80	235 W	GREY	
330095-0041	CLD-D-D	11.50	LED-26013lm-4000K-CRI 80	235 W	GRAPHITE	

Accessories

Accessories



- 538 suspension for ceiling fitting



- 24 protective guard



- 533



- Presence sensors - STAND-ALONE



- Presence and light sensors - DIMM DALI



- 1175 EM box - 997651-00

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