



## 2784 Astro HP - UGR<22 - wide beam 60°

Today, LED lighting is regarded as an important factor in technological growth. Renovating the lighting system in the workplace improves the quality of working conditions, increasing the workers' safety and productivity. But notable results can be achieved only with high quality products like Astro LED by Disano.

Designed to reach maximum performance levels in both new and existing systems, Astro LED is a high bay with an industrial design, also used successfully in sport facilities and commercial areas.

Astro is appreciated above all for the quality of the light, determined by a very high colour rendering, which is particularly important in precision industrial processes, and very low flicker to protect the safety and health of workers.

The remarkable energy savings compared to old lighting systems allow fast payback and the economic benefit is increased by the system's long life.

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. Equipment: complete with watertight IP68 connector 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 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.

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

330131-00: 90% - 50.000h - (L90B10) - Ta = -25°C ÷ +45°

330136-00: 90% - 50.000h - (L90B10) - Ta = -25°C ÷ +40°

330133-00: 90% - 50.000h - (L90B10) - Ta = -25°C ÷ +45°

330135-00: 90% - 50.000h - (L90B10) - Ta = -25°C ÷ +40°

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

### Download

DXF 2D

- 1789new.dxf

3DS

- disano\_1789\_astro\_24\_led.3ds  
- disano\_1789\_astro\_32\_led.3ds  
- disano\_1789\_astro\_16\_led.3ds  
- disano\_1789\_astro\_12\_LED.3ds

3DM

- disano\_1789\_astro\_12\_LED.3dm  
- disano\_1789\_astro\_32\_led.3dm  
- disano\_1789\_astro\_24\_led.3dm  
- disano\_1789\_astro\_16\_led.3dm

Montaggi

- Astro suspensions.pdf  
- astro hp-he 02-21.pdf

BIM

- 2784 Astro LED HP - UGR22 - wide beam 60° - 20200224.zip

Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
330131-00	CLD	8.01	LED-15131lm-4000K-CRI 80	109 W	GRAPHITE	4kV
330136-00	CLD	7.72	LED-17816lm-4000K-CRI 80	139 W	GRAPHITE	4kV
330133-00	CLD	8.22	LED-23236lm-4000K-CRI 80	177 W	GRAPHITE	4kV
330135-00	CLD	9.82	LED-34987lm-4000K-CRI 80	258 W	GRAPHITE	4/6kV
330131-07	CLD-E	8.19	LED-15131lm-4000K-CRI 80	112 W	GRAPHITE	4kV
330136-07	CLD-E	8.30	LED-17816lm-4000K-CRI 80	142 W	GRAPHITE	4kV
330133-07	CLD-E	8.38	LED-23236lm-4000K-CRI 80	177 W	GRAPHITE	4kV
330135-07	CLD-E	9.90	LED-34987lm-4000K-CRI 80	261 W	GRAPHITE	4/6kV

### 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

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