



# Disano Astro



**Housing/Frame:** in die-cast aluminium with cooling fins integrated into the cover and designed with a very small surface exposed to wind.

**Optics:** made of PMMA with high temperature resistance and UV rays.

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

**Coating:** polyester resin for powder coating, resistant to corrosion and saline environments.

**On request:** acetic acid salt spray coating pursuant to standard UNI EN ISO 9227 "Corrosion Tests in Artificial Atmosphere".

**Standard supply:** automatic temperature control inside the device with automatic resetting.

**LED:** Luminous flux maintenance 90%: 100.000h (L90B10)  
Power factor  $\geq 0.95$ .

**Standard:** DIMM 1-10V.  
(except 48000lm version)

Possibility to control each individual light point (see table on p. XVII).

**On request:** 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.

**On request:** protection up to 10KV.



Low Optical Flicker  
Less Than 3%

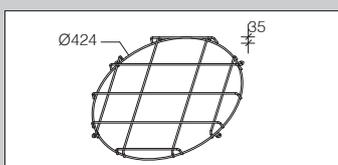


The UL Verified Mark is identified with the "Low Flicker Risk" logo that includes a maximum flicker value of 8% at 50 Hz and the 10% at 60 Hz.



**On request:** orientable arm.

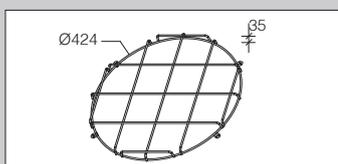
## Accessories



### acc. 24 protection guard

995776-00

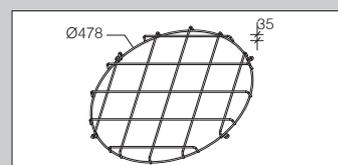
Graphite plastic-coated steel rod protection guard. Screw mounting.  
For Astro 12 LED.



### acc. 24 protection guard

995773-00

Graphite plastic-coated steel rod protection guard. Screw mounting.  
For Astro 16-24 LED.

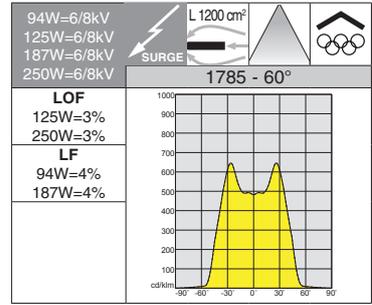
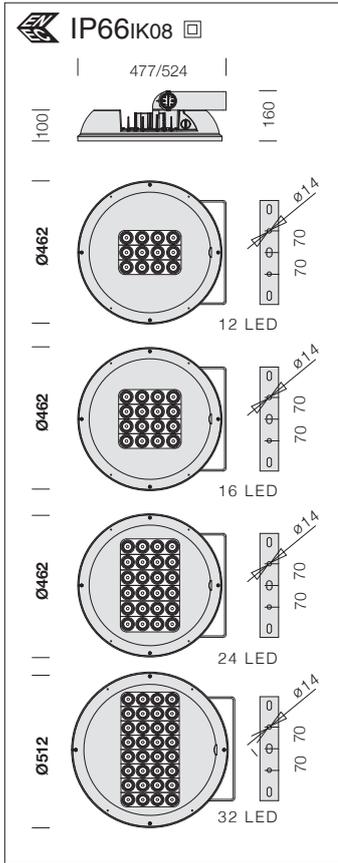


### acc. 24 protection guard

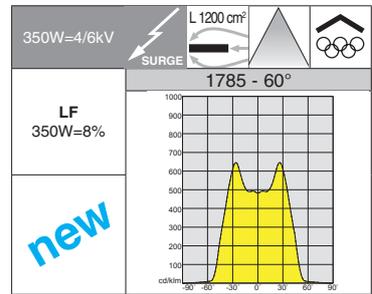
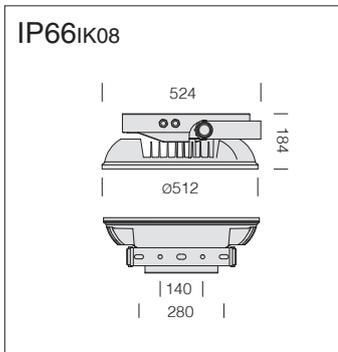
995771-00

Graphite plastic-coated steel rod protection guard. Screw mounting.  
For Astro 28-32-36 LED.

# Astro symmetric - LED



1785 Astro - symmetric 60°					
		CLD CELL-D		LED (Tj=85°C)	
wattage (700mA)	colour	weight	code	W	K - ølm 700mA - CRI - degrees
LED	s. silver	12.25	330059-00	94	4000K - 12960lm - CRI 70 - 60°
LED	graphite	12.25	330058-00	94	4000K - 12960lm - CRI 70 - 60°
LED	s. silver	12.25	330054-00	125	4000K - 17280lm - CRI 70 - 60°
LED	graphite	12.25	330055-00	125	4000K - 17280lm - CRI 70 - 60°
LED	s. silver	13.80	330050-00	187	4000K - 25920lm - CRI 70 - 60°
LED	graphite	13.80	330052-00	187	4000K - 25920lm - CRI 70 - 60°
LED	s. silver	14.00	330051-00	250	4000K - 34560lm - CRI 70 - 60°
LED	graphite	14.00	330053-00	250	4000K - 34560lm - CRI 70 - 60°



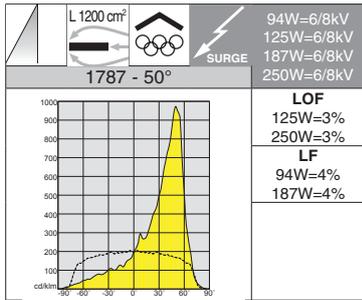
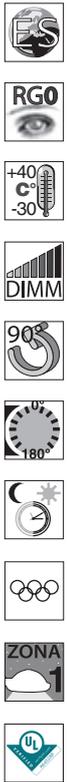
On request: orientable arm

1785 Astro - symmetric 60°					
		CLD CELL		LED (Tj=85°C)	
wattage (1050mA)	colour	weight	code	W	K - ølm 1050mA - CRI - degrees
LED	s. silver	17.20	330056-00	350	4000K - 48000lm - CRI 70 - 60°
LED	graphite	17.20	330057-00	350	4000K - 48000lm - CRI 70 - 60°



**LED:** Luminous flux maintenance 90%: 100.000h (L90B10). Power factor ≥0.95.

# Astro asymmetric - LED

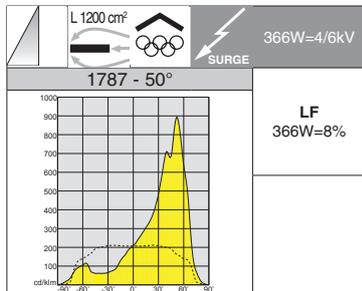
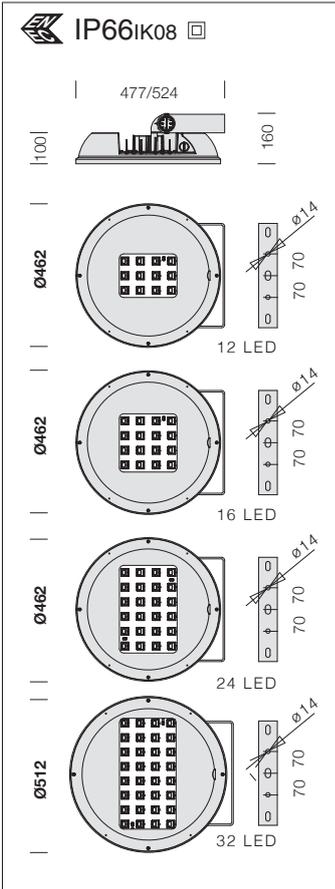


100.000h



1787 Astro - asymmetric 50°					
			CLD CELL-D	LED (Tj=85°C)	
wattage (700mA)	colour	weight	code	W	K - ølm 700mA - CRI - degrees
LED	s. silver	12.25	330079-00	94	4000K - 12960lm - CRI 70 - 50°
LED	graphite	12.25	330078-00		
LED	s. silver	12.25	330074-00	125	4000K - 17280lm - CRI 70 - 50°
LED	graphite	12.25	330075-00		
LED	s. silver	13.80	330070-00	187	4000K - 25920lm - CRI 70 - 50°
LED	graphite	13.80	330072-00		
LED	s. silver	14.00	330071-00	250	4000K - 34560lm - CRI 70 - 50°
LED	graphite	14.00	330073-00		

Upon request : 5700K - CRI 90 version.



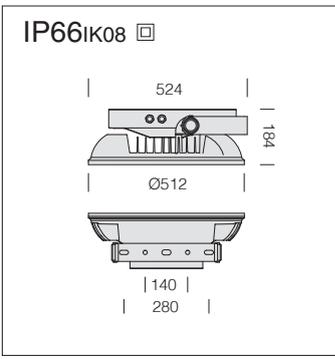
100.000h



On request: orientable arm

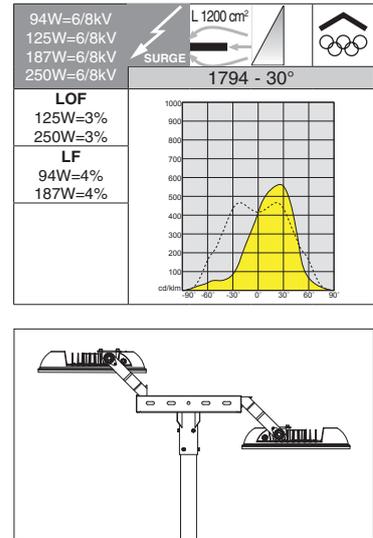
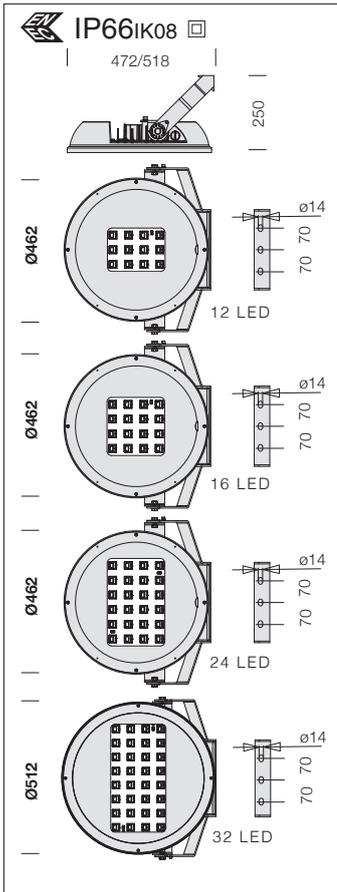
1787 Astro - asymmetric 50°					
			CLD CELL	LED (Tj=85°C)	
wattage (900mA)	colour	weight	code	W	K - ølm 900mA - CRI - degrees
LED	s. silver	17.20	330076-00	366	4000K - 48000lm - CRI 70 - 50°
LED	graphite	17.20	330077-00		

Upon request : 5700K - CRI 90 version.



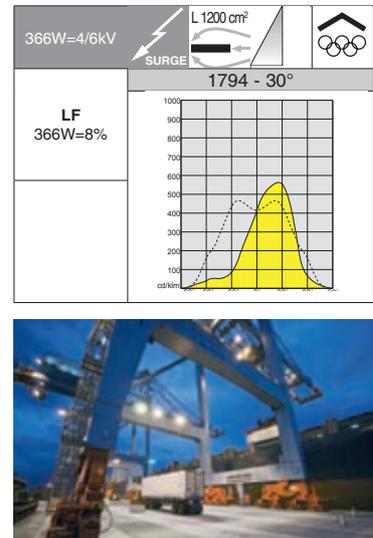
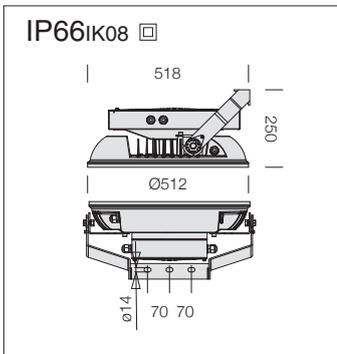
LED: Luminous flux maintenance 90%: 100.000h (L90B10). Power factor ≥0.95.

# Astro asymmetric - LED



1794 Astro - asymmetric 30°					
		CLD CELL-D		LED (Tj=85°C)	
wattage (700mA)	colour	weight	code	W	K - ølm 700mA - CRI - degrees
LED	s. silver	13.70	330129-00	94	4000K - 12960lm - CRI 70 - 30°
LED	graphite	13.70	330128-00		
LED	s. silver	13.70	330124-00	125	4000K - 17280lm - CRI 70 - 30°
LED	graphite	13.70	330125-00		
LED	s. silver	14.90	330120-00	187	4000K - 25920lm - CRI 70 - 30°
LED	graphite	14.90	330122-00		
LED	s. silver	15.10	330121-00	250	4000K - 34560lm - CRI 70 - 30°
LED	graphite	15.10	330123-00		

Upon request : 5700K - CRI 90 version.



1794 Astro - asymmetric 30°					
		CLD CELL		LED (Tj=85°C)	
wattage (900mA)	colour	weight	code	W	K - ølm 900mA - CRI - degrees
LED	s. silver	18.10	330126-00	366	4000K - 48000lm - CRI 70 - 30°
LED	graphite	18.10	330127-00		

Upon request : 5700K - CRI 90 version.

**LED:** Luminous flux maintenance 90%: 100.000h (L90B10).  
Power factor ≥0.95.

Rated average design life where stated is based upon application of the product's operating and maintenance guidelines; Actual product life may vary dependent upon frequency of maintenance and product application. Lumens noted are chip lumens. Wattages noted are module wattages. Due to continual product improvement, information is subject to change without notification. Gerard Lighting Pty Ltd standard Terms and Conditions apply. Correct as at date 14/3/2017.