



Disano Loto

Loto - LED - design Alessandro Pedretti



Housing and frame: pressed in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins are integrated into the cover.

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

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

Coating: the first stage includes grey epoxy e-coating, resistant to corrosion and saline environments. Then the fixture is coated with acrylic based UV-stabilised resin.

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

Equipment: automatic temperature control inside the device with automatic resetting. With dedicated electronic device to protect the LED module. Equipped with an air-circulation valve. Complete with IP67 airtight connector for mains connection.

Energy-saving: the possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions, and also help you deal with maintenance and retrofitting problems. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.

Heat sink: the heat dissipation system is specially designed and made to allow the operation of the LED lights with temperatures ensuring excellent performance/efficiency and durability.

Photometric performance: designed with an optical system capable of controlling the potential glare created by the growing light intensity of LEDs while achieving high photometric performance.

 **Low Flicker:** product with a very low flicker; uniform light for greater eye protection.

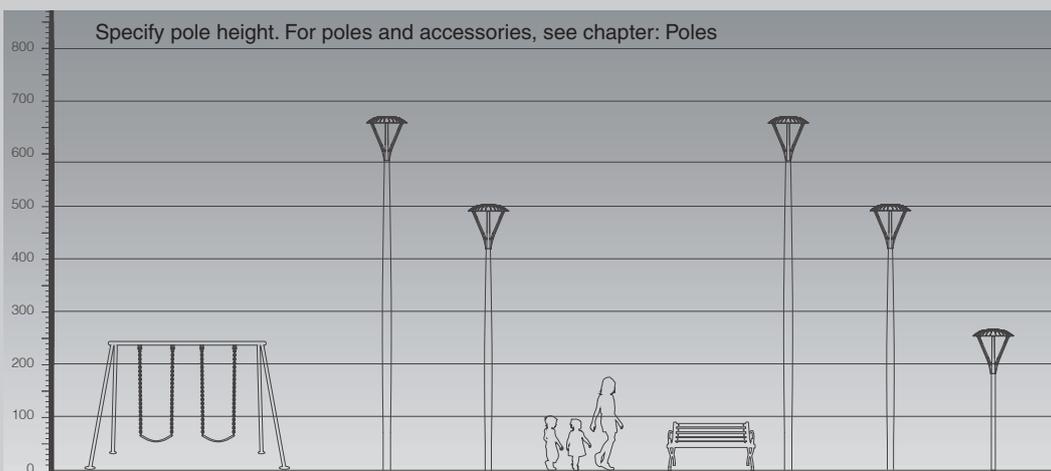
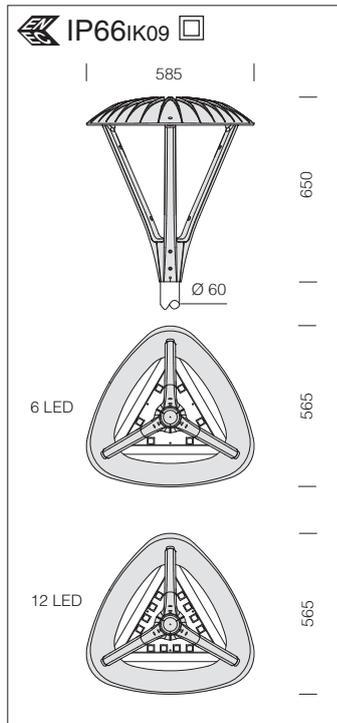
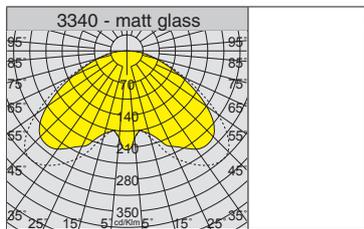
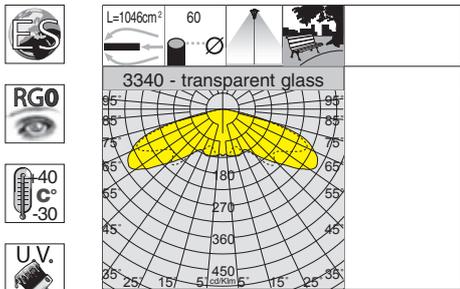


Table for the various options for managing the supply point

1-10V dimming	Virtual midnight	PLC remote control	Wi-Fi remote control (to be agreed upon)
Adjustment range from 10%-100% with 1-10V	Stand alone system with reduction of luminous flux and surge protector 6/10 KV	Point-to-point and system management and diagnosis system	Point-to-point and system management and diagnosis system with Wi-Fi system
Ordered with sub-code -12	Ordered with sub-code -30	Ordered with sub-code -0078	on request

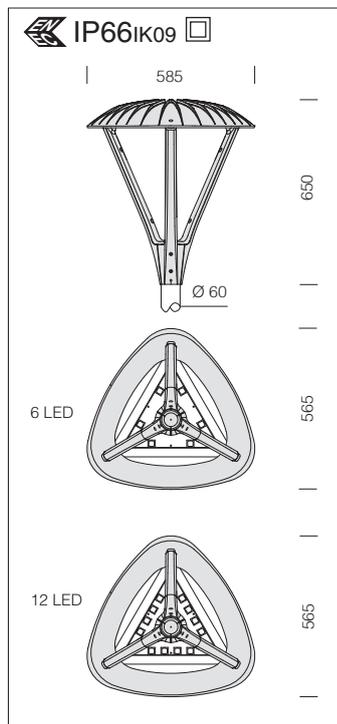
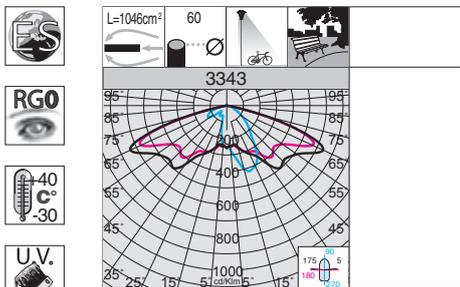


3340 Loto 1 - wide beam					
		CLD CELL		LED (Tj=85°C)	
wattage (530mA)	colour	weight	code	W	K - ølm 530mA - CRI
LED	s. silver	12.50	330210-00	35	4000K - 4860lm - CRI 80
LED	graphite	12.50	330211-00		
LED	s. silver	12.80	330212-00	71	4000K - 9720lm - CRI 80
LED	graphite	12.80	330213-00		

3340 Loto 1 - wide beam - matt					
		CLD CELL		LED (Tj=85°C)	
wattage (530mA)	colour	weight	code	W	K - ølm 530mA - CRI
LED	s. silver	12.50	330214-00	35	4000K - 4860lm - CRI 80
LED	graphite	12.50	330215-00		

	Power supply	n.LED	W	ølm
On request	350mA	6	23	3560lm
		12	46	7100lm

LED: Power factor ≥0.9.
Luminous flux maintenance
70% 80.000h (L70B20)



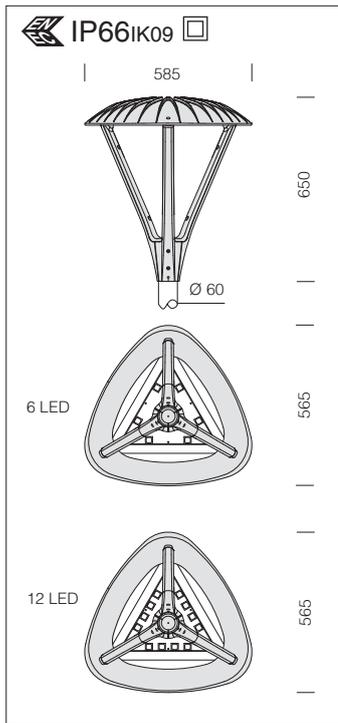
3343 Loto 4 - cycleways					
		CLD CELL		LED (Tj=85°C)	
wattage (530mA)	colour	weight	code	W	K - ølm 530mA - CRI
LED	s. silver	12.50	330240-00	35	4000K - 4860lm - CRI 80
LED	graphite	12.50	330241-00		
LED	s. silver	12.80	330242-00	71	4000K - 9720lm - CRI 80
LED	graphite	12.80	330243-00		

On request: possibility to control each individual light point (see table on p. 19).

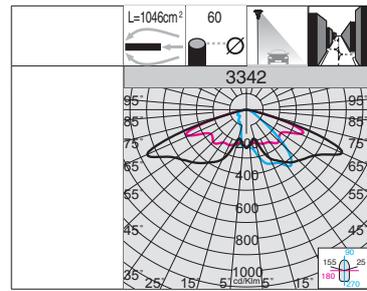
	Power supply	n.LED	W	ølm
On request	350mA	6	23	3560lm
		12	46	7100lm

LED: Power factor ≥0.9.
Luminous flux maintenance
70% 80.000h (L70B20)

	Power supply	n.LED	W	ølm
On request	700mA	6	47	6480 lm
		12	93	12960 lm



LED: Power factor ≥ 0.9 .
Luminous flux maintenance
70% 80.000h (L70B20)

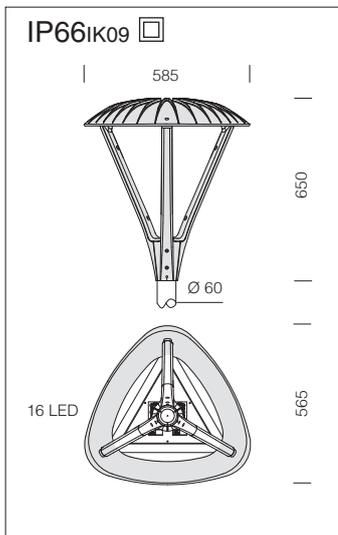


3342 Loto 3 - asymmetric					
		CLD CELL		W	LED (Tj=85°C)
wattage (530mA)	colour	weight	code		K - ølm 530mA - CRI
LED	s. silver	12.50	330230-00	35	4000K - 4860lm - CRI 80
LED	graphite	12.50	330231-00		
LED	s. silver	12.80	330232-00	71	4000K - 9720lm - CRI 80
LED	graphite	12.80	330233-00		

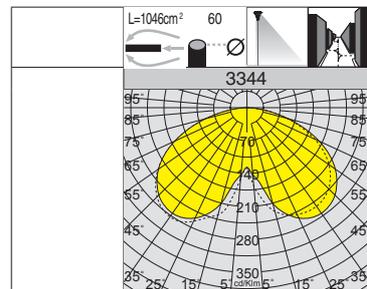
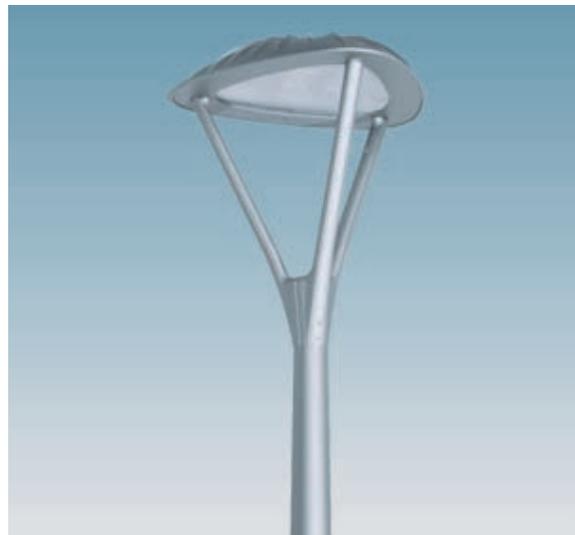
On request: possibility to control each individual light point (see table on p. 19).

	Power supply	n.LED	W	ølm
On request	350mA	6	23	3560lm
		12	46	7100lm

On request	700mA	6	47	6480 lm
		12	93	12960 lm



LED: Power factor ≥ 0.9 .
Luminous flux maintenance
70% 90.000h (L70B50)



3344 Loto 5 - wide beam					
		CLD CELL		W	LED (Tj=25°C)
wattage (530mA)	couleur	weight	code		K - ølm 530mA - CRI
LED	s. silver	12.50	330250-00	24	4000K - 3500lm - CRI 70
LED	graphite	12.50	330251-00		

On request: possibility to control each individual light point (see table on p. 19).

	Power supply	n.LED	W	ølm
On request	700mA	16	32	4670lm



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.