






**Housing and arms:** pressed in die-cast aluminium and designed with a very small surface exposed to wind.

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

**Pole connection:** pressed in die-cast aluminium. Suited for poles with a diameter 60-76mm.


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

**Coating:** the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.

 **On request:** coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.

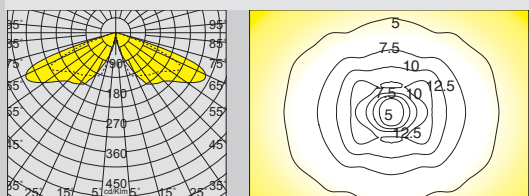
**Equipment:** nylon wiring plate 30% fibre glass complete with connector for mains connection and for LED module. Automatic temperature control inside the device with automatic resetting. With dedicated electronic device to protect the LED module. Equipped with an air-circulation valve.

**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.

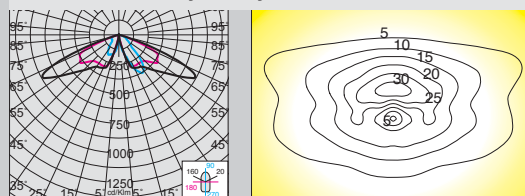
 **Low Flicker:** product with a very low flicker; uniform light for greater eye protection.

AMENITIES FIXTURES

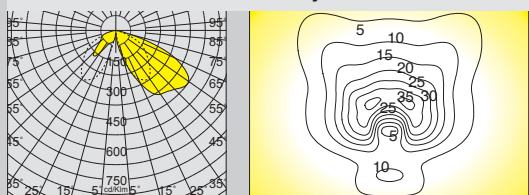
**3350 Garda 1 - wide beam**



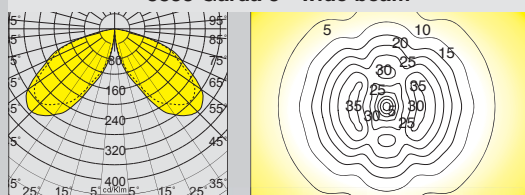
**3353 Garda 4 - cycleways + residential amenities**



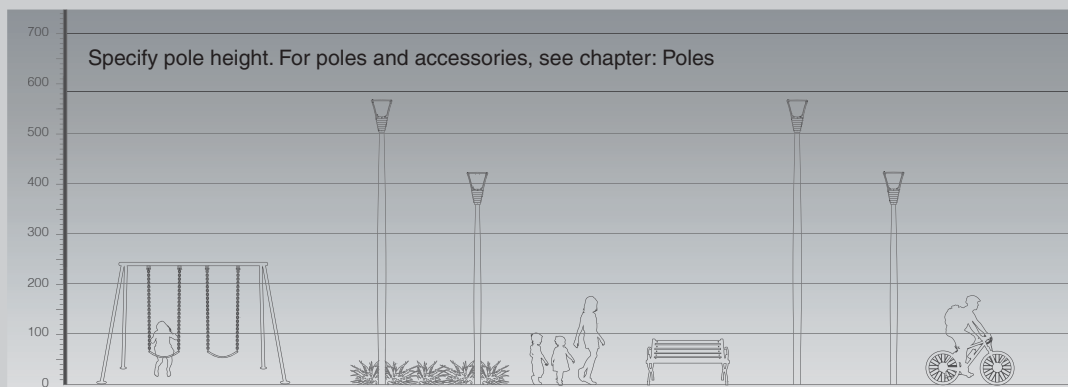
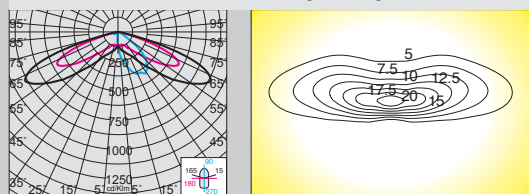
**3351 Garda 2 - asymmetric**



**3355 Garda 5 - wide beam**

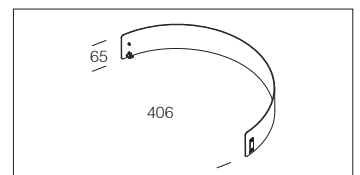


**3352 Garda 3 - cycleways**



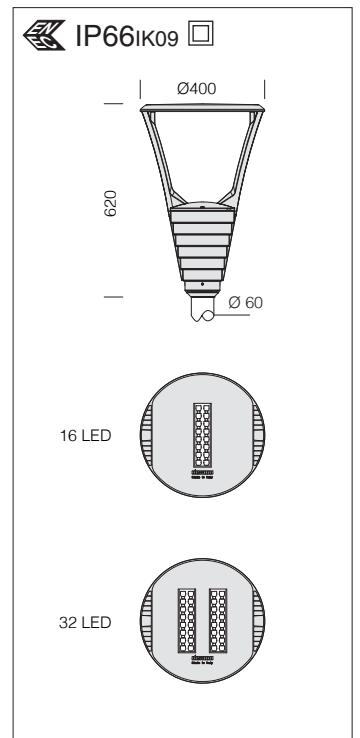
**Table for the various options for managing the supply point**

1-10V dimming	Virtual midnight	PLC remote control	Wi-Fi remote control (to be agreed upon)
Adjustment range from 10%-100% with 1-10V	Autonomous system with flux reduction 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 <b>sub-code -12</b>	Ordered with <b>sub-code -30</b>	Ordered with <b>sub-code -0078</b>	<b>on request</b>



**acc. 109 anti-glare shield**  
 anthracite 991312-00  
 To prevent glare effects. To be fitted when Garda is installed near a window.

L=769cm<sup>2</sup> 60/76  
 ZONA  
 SURGE 35W=6/10kV 69W=6/10kV  
 40°C -30  
 U.V.  
 3000K  
 4000K  
 LOW FLICKER  
 3351  
**new**

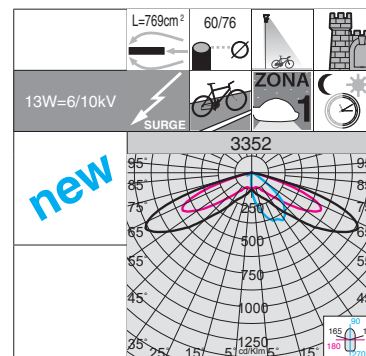
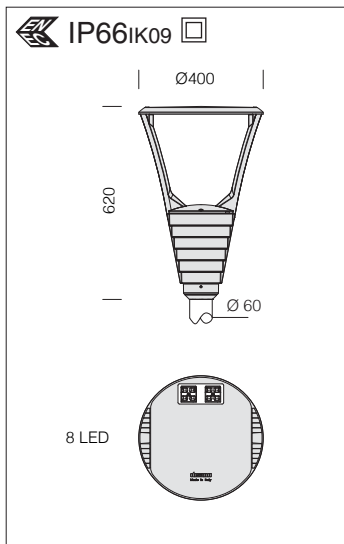


3351 Garda 2 - asymmetric						
		CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)	
wattage (700mA)	colour	weight	code		K - ølm 700mA - CRI	
LED	anthracite	5.70	330520-00	35	4000K - <b>3637lm</b> - CRI 70	
LED	anthracite	5.70	330520-39		3000K - <b>3455lm</b> - CRI 70	
LED	anthracite	5.90	330521-00	69	4000K - <b>7275lm</b> - CRI 70	
LED	anthracite	5.90	330521-39		3000K - <b>6911lm</b> - CRI 70	

**On request:** possibility to control each individual light point (see table on p. 273).

	Power supply	n.LED	W tot	K	ølm
On request	530mA	16	26	4000K	2728lm
		32	50		5456lm
On request	530mA	16	26	3000K	2591lm
		32	50		5183lm

**LED:** Power factor ≥0.9.  
 Luminous flux maintenance 80%:  
 >100.000h (L80B10).  
**On request:** available LED CRI 80  
 version with sub-code **-60**

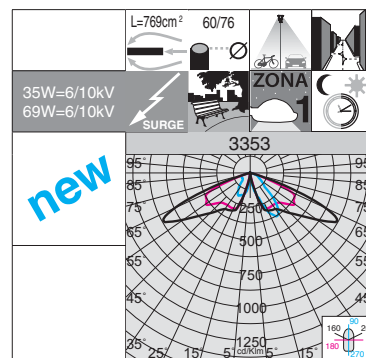
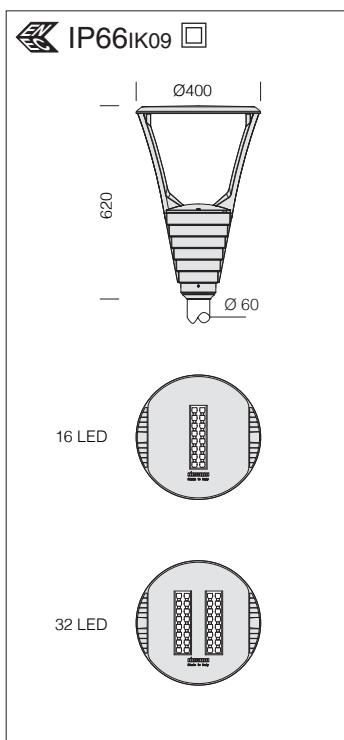


**LED:** Power factor  $\geq 0.9$ .  
Luminous flux maintenance 80%:  
>100.000h (L80B10).

**On request:** available LED CRI 80 version with sub-code **-60**

3352 Garda 3 - cycleways						
		CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)	
wattage	colour	weight	code		K - ølm - CRI	
LED	anthracite	5.60	330530-00	13	4000K - <b>1750lm</b> - CRI 70	
LED	anthracite	5.60	330530-39		3000K - <b>1610lm</b> - CRI 70	

**On request:** possibility to control each individual light point (see table on p. 273).



**LED:** Power factor  $\geq 0.9$ .  
Luminous flux maintenance 80%:  
>100.000h (L80B10).

**On request:** available LED CRI 80 version with sub-code **-60**

3353 Garda 4 - cycleways + residential amenities						
		CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)	
wattage (700mA)	colour	weight	code		K - ølm 700mA - CRI	
LED	anthracite	5.70	330540-00	35	4000K - <b>3443lm</b> - CRI 70	
LED	anthracite	5.70	330540-39		3000K - <b>3271lm</b> - CRI 70	
LED	anthracite	5.90	330541-00	69	4000K - <b>6887lm</b> - CRI 70	
LED	anthracite	5.90	330541-39		3000K - <b>6543lm</b> - CRI 70	

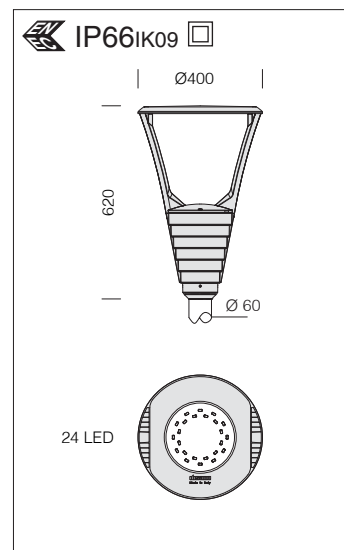
**On request:** possibility to control each individual light point (see table on p. 273).

	Power supply	n.LED	W tot	K	ølm
<b>On request</b>	530mA	16	26	4000K	2582lm
		32	50		5165lm
<b>On request</b>	530mA	16	26	3000K	2453lm
		32	50		4907lm



	L=769cm <sup>2</sup>	60/76			53W=6/10kV
	3355				

>100.000h



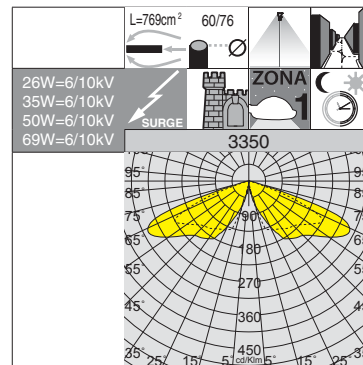
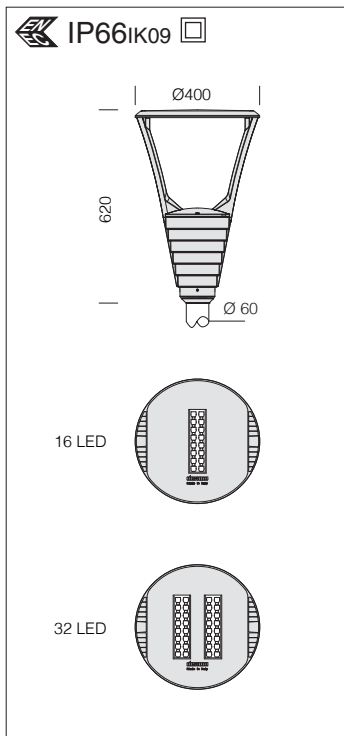
- 
- 



3355 Garda 5 - wide beam					
		CLD CELL		LUMEN OUTPUT (tq= 25 °C)	
wattage (700mA)	colour	weight	code	W tot	K - ølm 700mA - CRI
LED	anthracite	5.80	330550-00	53	4000K - 5327m - CRI 70
LED	anthracite	5.80	330550-39		3000K - 5063lm - CRI 70

**On request:** possibility to control each individual light point (see table on p. 273).

**LED:** Power factor  $\geq 0.9$ .  
Luminous flux maintenance 80%:  
>100.000h (L80B10).

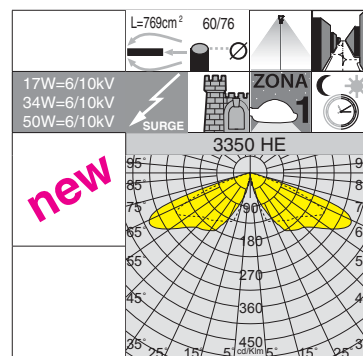
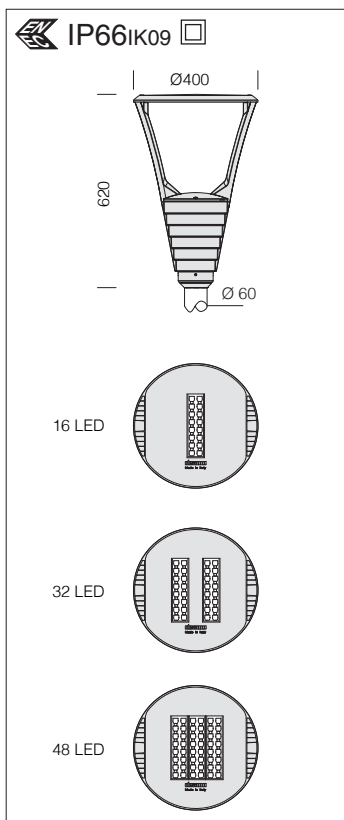


**LED:** Power factor  $\geq 0.9$ .  
Luminous flux maintenance 80%:  
>100.000h (L80B10).

**On request:** available LED CRI 80 version with sub-code **-60**

3350 Garda 1 - wide beam					
		CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
wattage	colour	weight	code		K - ølm - CRI
LED	anthracite	5.70	330518-00	26	4000K - 2400lm - CRI 70
LED	anthracite	5.70	330518-39		3000K - 2280lm - CRI 70
LED	anthracite	5.90	330519-00	50	4000K - 4800lm - CRI 70
LED	anthracite	5.90	330519-39		3000K - 4560lm - CRI 70
LED	anthracite	5.70	330510-00	35	4000K - 3200lm - CRI 70
LED	anthracite	5.70	330510-39		3000K - 3040lm - CRI 70
LED	anthracite	5.90	330511-00	69	4000K - 6400lm - CRI 70
LED	anthracite	5.90	330511-39		3000K - 6080lm - CRI 70

**On request:** possibility to control each individual light point (see table on p. 273).



**LED:** Power factor  $\geq 0.9$ .  
Luminous flux maintenance 80%:  
>100.000h (L80B10).

**On request:** available LED CRI 80 version with sub-code **-60**

3350 Garda 1 HE - wide beam					
		CLD CELL		W tot	LUMEN OUTPUT (tq= 25 °C)
wattage	colour	weight	code		K - ølm - CRI
LED	anthracite	5.70	330512-00	17	4000K - 1731lm - CRI 70
LED	anthracite	5.70	330512-39		3000K - 1610lm - CRI 70
LED	anthracite	5.90	330513-00	34	4000K - 3463lm - CRI 70
LED	anthracite	5.90	330513-39		3000K - 3221lm - CRI 70
LED	anthracite	5.90	330517-00	50	4000K - 5193lm - CRI 70
LED	anthracite	5.90	330517-39		3000K - 4829lm - CRI 70

**On request:** possibility to control each individual light point (see table on p. 273).