

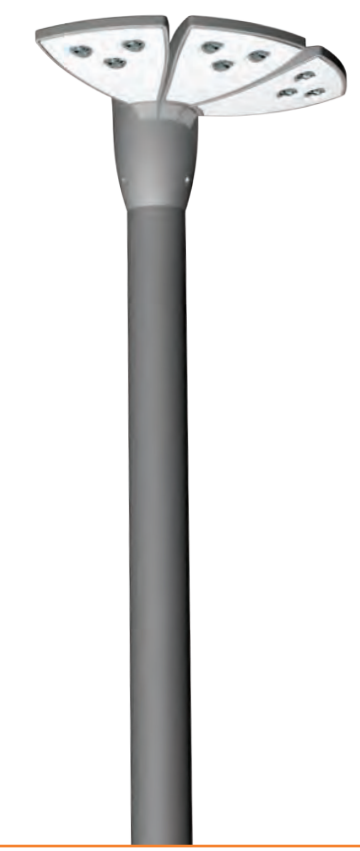


# Margo

## Bollard



BOLLARDS RANGE



### TECHNICAL CHARACTERISTICS

	MARGO 2P	MARGO 3P
Weight (lbs) without controlgear	19.8	22.0
EPA (ft²)	0.75	
Protection index	IP 66	
Optical unit	IP 65 minimum in IP 33 electrical compartment	
Connectors and driver	Body IK 10	
Shock resistance	Body IK 10	
Materials:		
Luminaire	Injected cast aluminium	
Tube	Galvanized steel	

### ELECTRICAL CHARACTERISTICS

- Power current up to 700mA
- Electrical class: class II
- Incorporated driver
- Varistor (protection against higher voltages)
- Optional lighting management systems: automatic adjustment with up to 5 levels depending on the time of day, constant flux, graduation via voltage variation, command 1-10V or DALI.

### LIGHTING DISTRIBUTIONS

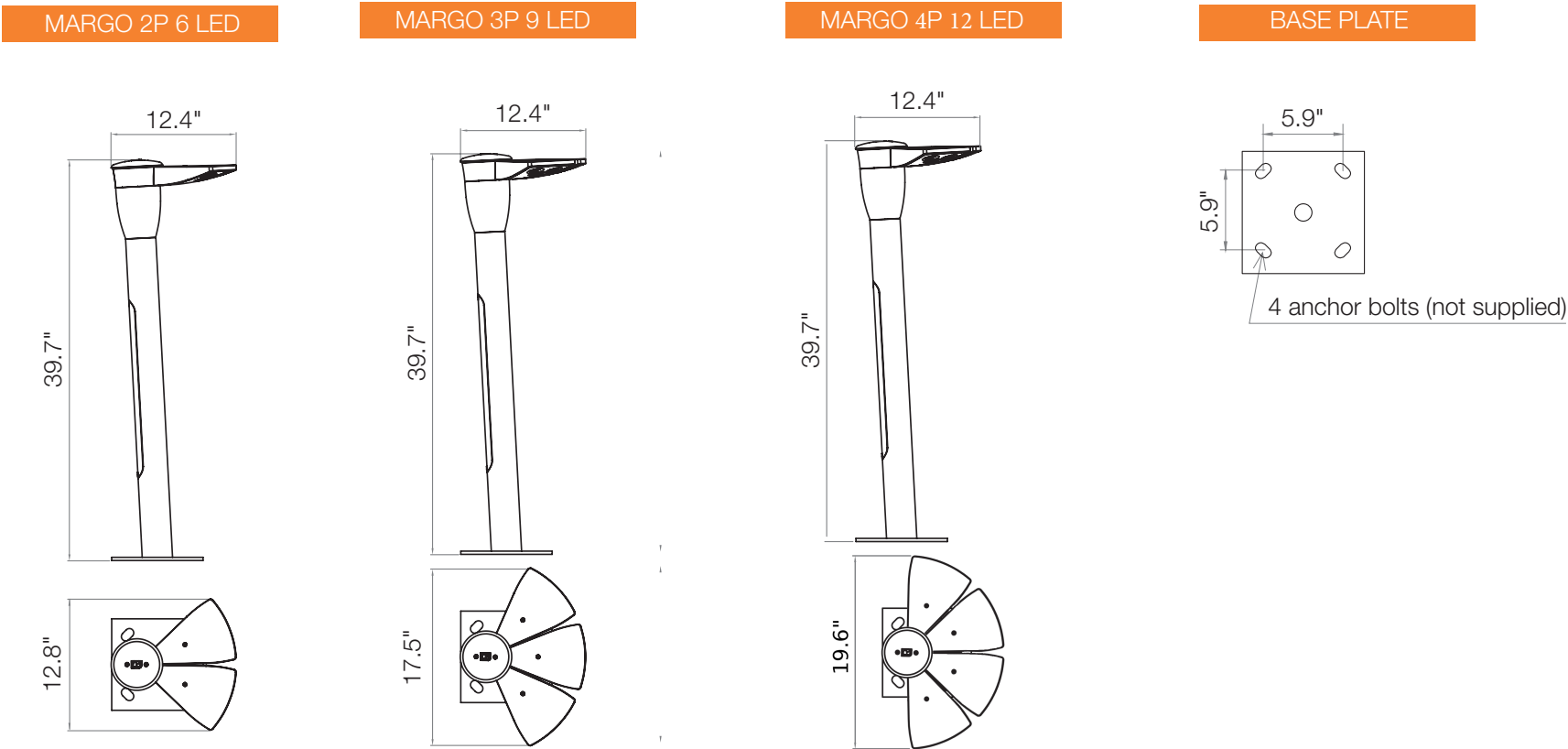
Type I



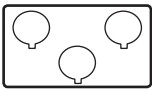




DIMENSIONS (in)



3 LED **MODULE**



We selected the LEDs among the best on the market for their quality and efficiency. The 3 LED module has been developed during the Margo's design phase for compatibility and optimal performance of the luminaire..



- LED manufacturer: NICHIA
- LED life cycle: 80 000 hours at 70% @ 700 mA
- Color temperature: 3500K or 4500K (other color temperatures on request)
- Development by VS Lighting Solutions (PANASONIC group)
- CRI above 75
- Protection index: IP 66
- Thermally self-managed module

POWER AND **LUMINOUS INTENSITIES** - *LUMINAIRE OUTPUT DATA*

Number of LED	175 mA			350 mA			500 mA			700 mA		
	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)
6	4	320	80	8	640	80	11	840	76.36	16	1120	70
9	6	480	80	11	960	87.27	16	1260	78.75	23	1680	73.04

Pt (W) = Total power consumption including driver consumption • Φ Nominal flux (lm) • Luminous efficiency (lm/W)

ORDERING INFORMATION

Model	Size	# LED	CCT	Drive Current	Line Voltage	Top Color	Bottom Color	Mount Color
MAR	B- (Bollard)	6	3 - (3500K)	17 - (175mA)	1 - (120-277)	BLK - (Black)	BLK - (Black)	BLK - (Black)
				35 - (350mA)		BRZ - (Bronze)	BRZ - (Bronze)	BRZ - (Bronze)
		9	4 - (4500K)	50 - (500mA)	3 - (347-480)	SLV - (Silver)	SLV - (Silver)	SLV - (Silver)
				70 - (700mA)		WHT - (White)	WHT - (White)	WHT - (White)
				C - (Custom)		RAL #	RAL #	RAL #

\*Custom applications are available- please request order sheet

