

# MARGO



Margo is a modular ambient lighting system inspired by the form of a flower, featuring independently configured petal elements. Designed for flexibility, it supports multiple installation types—including post-mounted, suspended, wall-mounted, or in-line configurations—making it ideal for urban, park, and landscape applications.

Each luminaire can accommodate up to eight petal-shaped modules, available in two sizes. Petals are crafted entirely from cast aluminum and house either 3 or 6 LEDs, offering both asymmetrical and circular light distributions. Petals can be illuminated or left unlit, enabling a wide range of visual compositions—from fully floral to clean, minimalist designs.

To simplify maintenance, the power supply is located at the base of the pole. Margo is built to withstand demanding outdoor environments, with an IK10 impact resistance rating and IP66 ingress protection. It is also equipped with an IP68-rated cable gland. For added customization, both the petals and their supports can be finished in any color, allowing for complete design personalization.



▶ **2 Petal Sizes: Mega and Mini**

▶ **Customizable System: Select the Number of Petals, LEDs, Mounting Type, and Petal Size**

▶ **Mounting: Post-Top, Pole Mounted, Wall Mounted, or Suspended**

# MARGO

## SPECIFICATIONS

### Physical

Post-Top or Suspension Mounted

Margo Model	MARGO Mini		MARGO Mega				MARGO Mix	
Style								
# of Petals	4 Petals	8 Petals	4 Petals	8 Petals		5 Petals	8 Petals	
# of LEDs	12 LEDs	24 LEDs	24 LEDs		48 LEDs		24 LEDs	36 LEDs
Petal Orientation	180°	360°	180°	360°		225°	360°	
Weight (Pounds)	13.2	22	20	24.3	31	22	26.5	
Effective Projected Area (EPA) Rating	0.22 ft <sup>2</sup>		0.30 ft <sup>2</sup>					

Pole or Wall Mounted

Margo Model	MARGO Mini		MARGO Mega	
Style				
# of Petals	1 Petal	4 Petals	4 Petals	
# of LEDs	3 LEDs	12 LEDs	12 LEDs	24 LEDs
Petal Orientation	N/A	180°	180°	
Weight (Pounds)	2.2	13.2	22	31
Effective Projected Area (EPA) Rating	0.22 ft <sup>2</sup>		0.30 ft <sup>2</sup>	
Housing	Aluminum			
Ingress Protection	IP66			
Impact Resistance	IK10			

### Electrical

Power Consumption	From 4 to 106 Watts
LED Voltage	Standard Input Voltage from 120-277 Volts High Input Voltage from 347-480 Volts
Control	Integral LED Driver and Control System: On/Off or 0-10v Dimming
Electrical Class	II
Operating Temperature	-40° F to 122° F
Lumen Maintenance	L90 B10 > 100,000 Hours

### Certifications

**NRTL** Luminaire is Certified to North American Safety Standards and Requirements by Nationally Recognized Testing Laboratories.

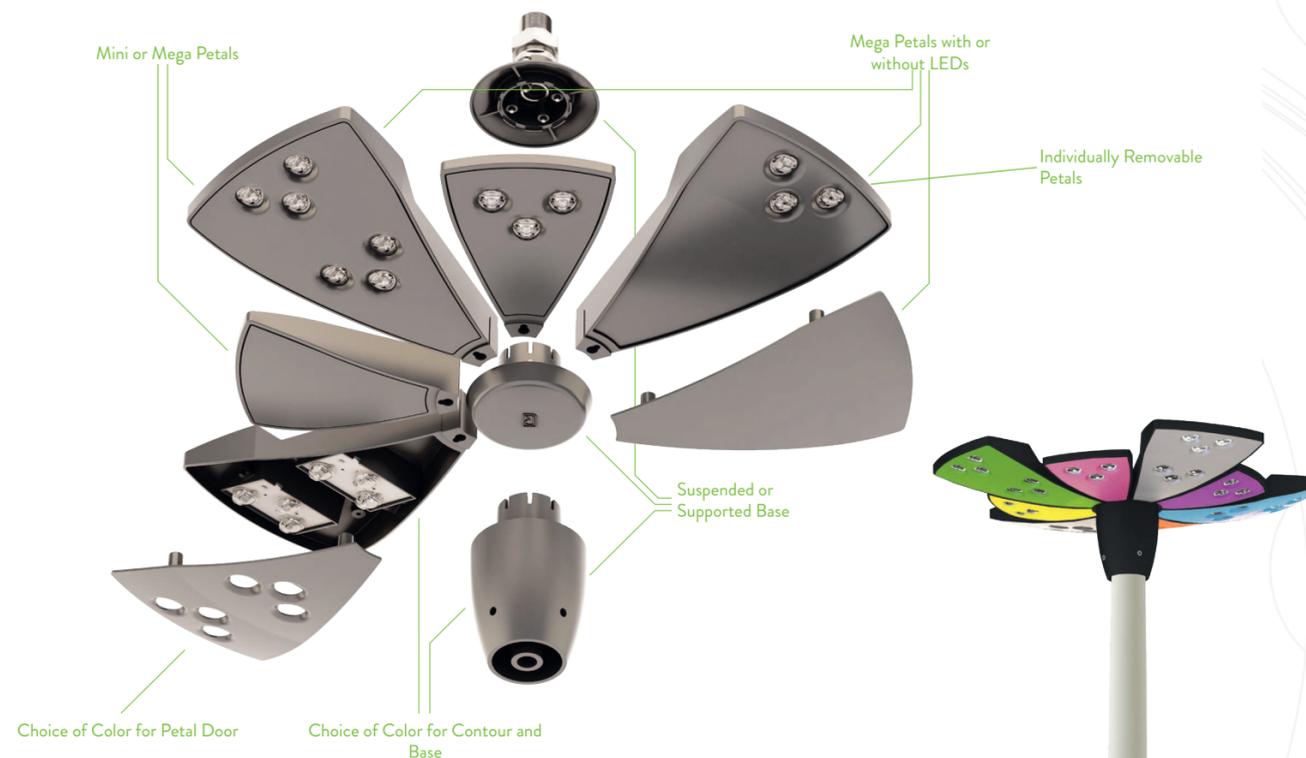
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### Photometrics

Number of LEDs	3 LEDs per Mini Petal; 3 or 6 LEDs per Mega Petal; 3, 12, 24, 36, or 48 LEDs per Arrangement
CCT/CRI	3000K and 4000K Standard @ 80 CRI
Delivered Lumen Output	400 to 12160
Efficacy	100 to 173 Lumens per Watt
BUG Rating	B2-U1-G2

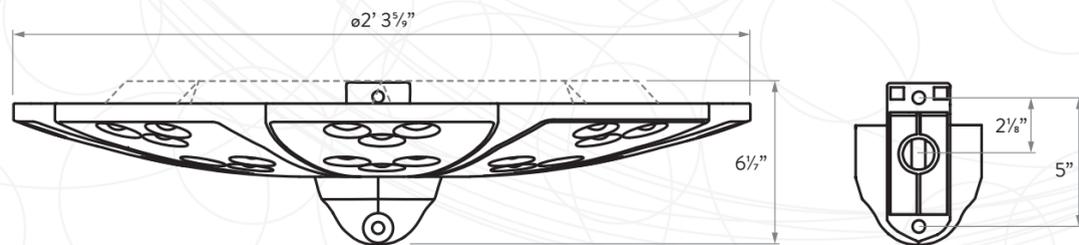
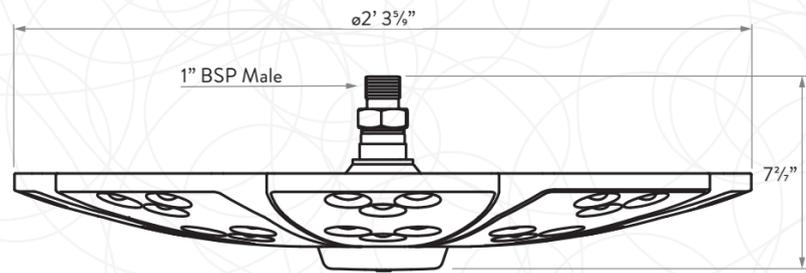
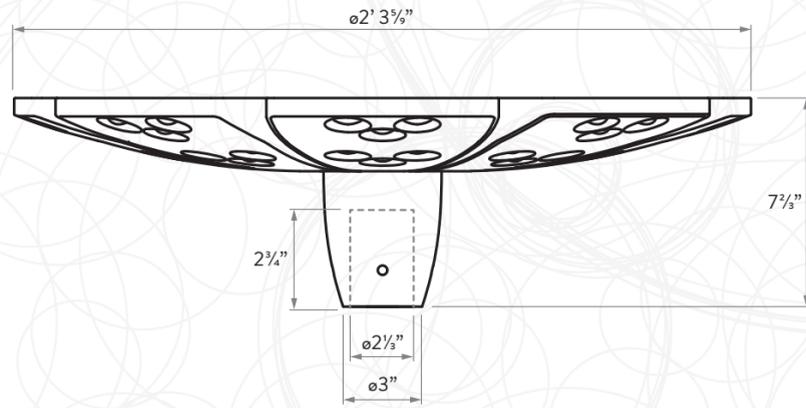
### Light Distributions

CCT	# of LEDs	350 mA			500 mA			700 mA		
		Watts	Lumens	Efficacy	Watts	Lumens	Efficacy	Watts	Lumens	Efficacy
3000K	3	4	400	100	5	540	108	7	725	104
	12	13	1600	124	19	2156	114	27	2900	108
	24	26	3200	124	37	4312	117	53	5800	110
	36	39	4800	124	56	6468	116	80	8700	109
	48	51	6400	126	75	8624	115	106	11600	110
4000K	3	4	420	105	5	566	114	7	760	109
	12	13	1680	130	19	2264	120	27	3040	113
	24	26	3360	130	37	4528	123	53	6080	115
	36	39	6720	173	56	6792	122	80	9120	114
	48	51	6720	132	75	9056	121	106	12160	115



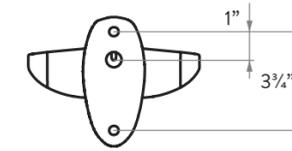
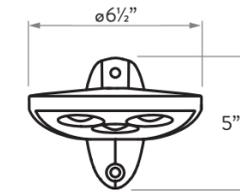
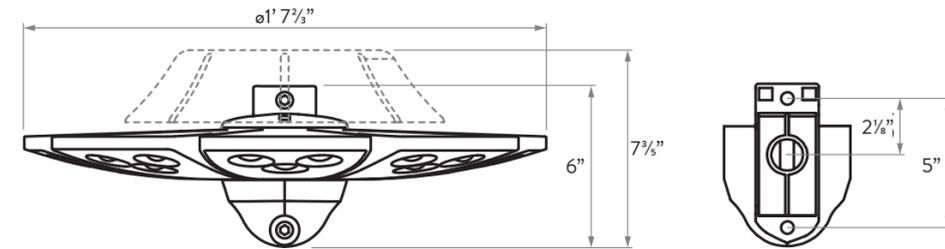
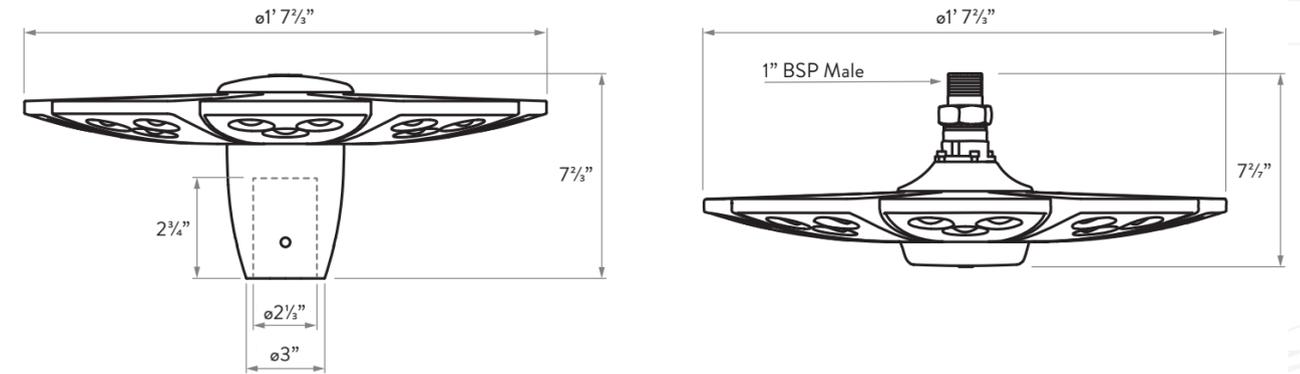
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# MARGO MEGA



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# MARGO MINI



## Options

- Surge protector

## Ecodesign

Luminaire designed in compliance with the environmental criteria of energy efficiency, recyclability and interoperability.

Member of the Global Compact since 2018, Ragni is committed to working towards the 17 Sustainable Development Goals (SDG 11, 12, 13, 15).

Luminaire guaranteed free of hazardous substances.

Luminaire eligible for the energy savings certificate.

Luminaire compliant with the decree of 27/12/2018 on the prevention, reduction and limitation of light pollution: product configuration to be defined according to the nature of the project.

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# ORDERING INFORMATION (STANDARD DESIGN)

MODEL	# OF LEDS	PETAL GROUP 1	PETAL GROUP 2	CCT	DRIVE CURRENT	LINE VOLTAGE	MOUNTING	FINISH: PETAL TOP	FINISH: PETAL BOTTOM	FINISH: MOUNT
MAR-LG Margo Mega	3 3 LEDs	SB Mini, Blank	SO No Petals	3 3000K	35 350 mA	1 120-277v	TP Pole Top	BLK Black	BLK Black	BLK Black
MAR-SM Margo Mini	12 12 LEDs	S3 Mini, 3 LEDs Each	LO No Petals	4 4000K	50 500 mA	2 347-470v	SUS Suspended	BRZ Bronze	BRZ Bronze	BRZ Bronze
MAR-MX Margo Mix	24 24 LEDs	LB Mega, Blank	SB Mini, Blank		70 700 mA		WM Wall Mount	SLV Silver	SLV Silver	SLV Silver
MAR-LH Margo ½ Mega	36 36 LEDs	L3 Mega, 3 LEDs Each	S3 Mini, 3 LEDs Each		C Custom <sup>1</sup>		CAT Catenary Mount	WHT White	WHT White	WHT White
MAR-SH Margo ½ Mini	48 48 LEDs	L6 Mega, 6 LEDs Each	LB Mega, Blank					RAL # Custom RAL Color	RAL # Custom RAL Color	RAL # Custom RAL Color

<sup>1</sup>Consult factory for custom ordering information. Additional variations are available.

Factory assistance is available via phone at 1.720.370.0400 or via email at info@ragnigroupna.com.

IMAGE	TYPE	# OF LEDS	PETAL GROUP 1	PETAL GROUP 2
	SM	24	S3	S3
	SM	12	S3	SB
	SH	12	S3	SO
	MX	36	L6	S3
	MX	24	L6	SB
	MX	24	L3	S3
	MX	12	LB	S3

IMAGE	TYPE	# OF LEDS	PETAL GROUP 1	PETAL GROUP 2
	LG	48	L6	L6
	LG	36	L6	L3
	LG	24	L6	LB
	LG	24	L3	L3
	LG	12	L3	LB
	LH	24	L6	LO

# ORDERING INFORMATION (CUSTOM DESIGN)

PROJECT NAME: .....

AGENT NAME: .....

QUANTITY OF LUMINAIRE(S): ..... NUMBER OF LED: .....

- ▶ **1. TYPE OF MOUNTING:**  On top  Suspended  Side pole or wall mounting  Driver cover



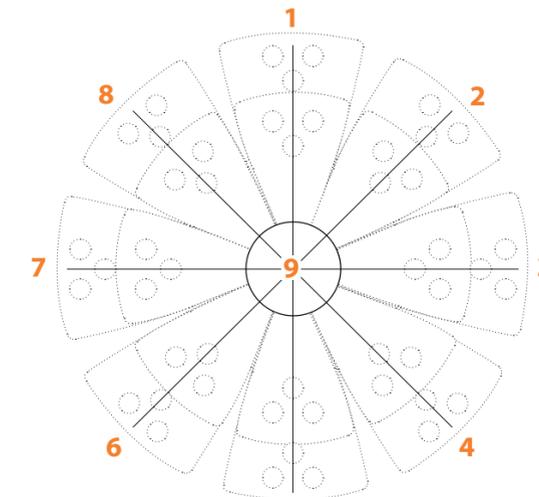
- ▶ **2. COLOR TEMPERATURE:**  3000 K  4000 K

- ▶ **3. NUMBER OF PETALS**

- ..... x Mini 3 LED
- ..... x Blank mini petal
- ..... x Mega 3 LED
- ..... x Mega 6 LED
- ..... x Blank mega petal
- Presence detector  
Petal N° .....

- ▶ **4. PETAL ARRANGEMENT\***

\*Draw desired layout on diagram



- ▶ **5. COLOR(S)**

- Standard Color:**  BLACK  BRONZE  SILVER  WHITE

**Special Color(s):**  
Write RAL or Special Color code for the petal body and petal door



Petal body	Petal door
	1
	2
	3
	4
	5
	6
	7
	8

- 9 **On top or suspended mounting**

Base + cover: .....

**Wall mounting**

Wall support: .....

Driver cover: .....

# Margo Urban Furniture Range

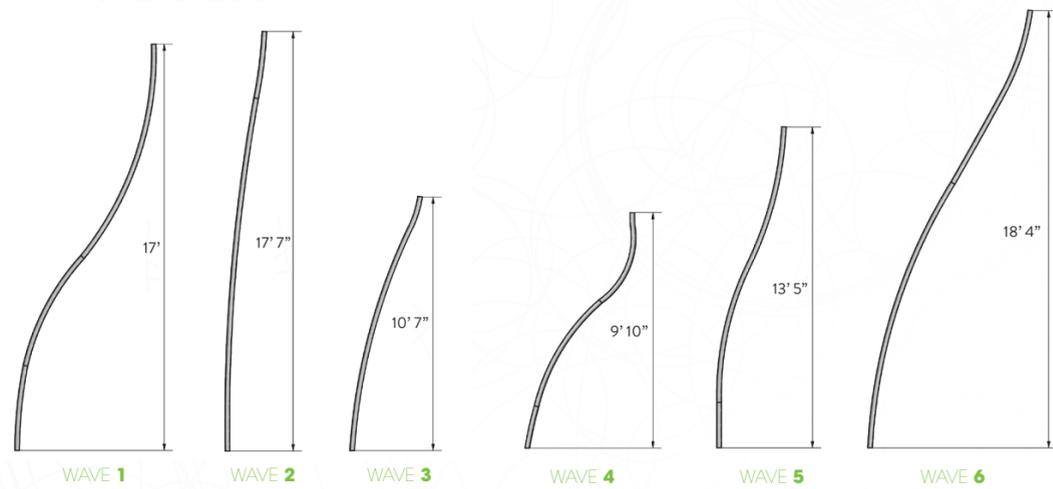
design by Mauro Belli

## Description

The Margo luminaire is complemented by range of Urban Furniture including several bases, poles, and benches. Six poles of fixed heights are available and can be mounted within several vase or furniture options. Each may be finished in an RAL color of your choice.

- 6 Wave Poles
- 3 Flower Pots
- Custom Bench Designs

## Wave Poles



### MARGO POLES - ORDERING INFORMATION

MODEL	FINISH	BASE
MAR-P-W1 <i>Margo Wave 1 Pole</i>	BLK <i>Black</i>	STD <i>Standard Base Plate</i>
MAR-P-W2 <i>Margo Wave 2 Pole</i>	BRZ <i>Bronze</i>	FLU <i>Flute Flower Pot</i>
MAR-P-W3 <i>Margo Wave 3 Pole</i>	SLV <i>Silver</i>	LAYR-S <i>Layer 1 Flower Pot</i>
MAR-P-W4 <i>Margo Wave 4 Pole</i>	WHT <i>White</i>	LAYR-L <i>Layer 2 Flower Pot</i>
MAR-P-W5 <i>Margo Wave 5 Pole</i>	RAL # <i>Custom RAL Color</i>	C <i>Custom - Consult Factory</i>
MAR-P-W6 <i>Margo Wave 6 Pole</i>		

## FURNITURE

Margo benches and other urban furniture of several sizes and variants are available on request. Consult factory for more information.

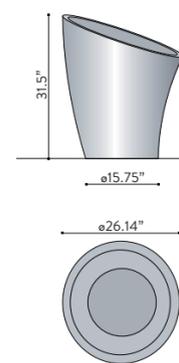


## Flower Pots



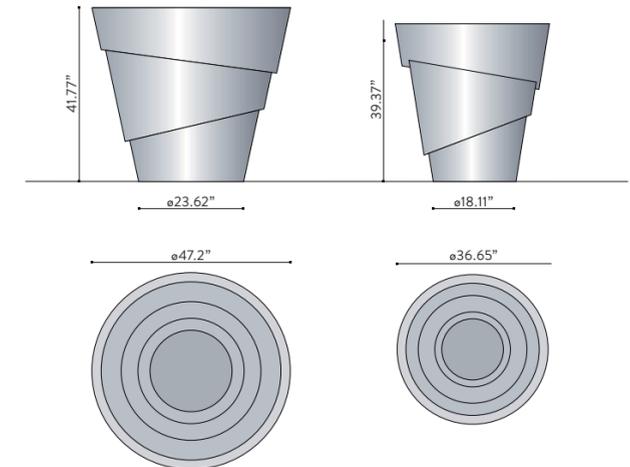
### FLUTE FLOWER POT

1 Size  
Holds 1 to 3 Wave Poles  
Cast Iron Construction  
Hidden Waterproof Case for Control Gear



### LAYER FLOWER POT

2 Sizes  
Holds 1 to 3 Wave Poles  
Galvanized Steel Construction  
Hidden Waterproof Case for Control Gear



### MARGO FLOWER POTS - ORDERING INFORMATION

MODEL	FINISH	BASE
MAR-FLUTE <i>Margo Flute Flower Pot</i>	BLK <i>Black</i>	STD <i>Standard Base Plate</i>
MAR-LAYR-S <i>Margo Layer Flower Pot - Small</i>	BRZ <i>Bronze</i>	FLU <i>Flute Flower Pot</i>
MAR-LAYR-L <i>Margo Layer Flower Pot - Large</i>	SLV <i>Silver</i>	LAY1 <i>Layer 1 Flower Pot</i>
	WHT <i>White</i>	LAY2 <i>Layer 2 Flower Pot</i>
	RAL # <i>Custom RAL Color</i>	

# MARGO



## Sekoya Bollard

For coordinated projects, Sekoya uses Margo petals on a ø7" mast to create a bollard ranging from 2' to 14' high.



B | MOODUL 350

C | HARMO 400 Double Bend

D | HARMO 600 Double Bend

E | UNIA 600 - Decorative Tip

G | IRO 600 x2 - DecoLED Tip

H | Bouquet UNIA 600-800 DecoLED Tip

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