

Marbella

Harmonizing LED Performance
with Traditional Elegance



MADE IN THE
USA

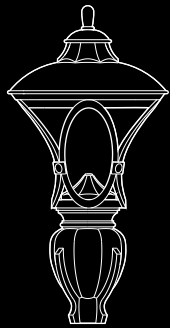
Patents Pending

SUN VALLEY
LIGHTING

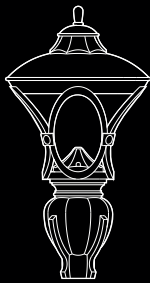
3 Sizes

Scaled for Aesthetic Performance

TENON MOUNT



MRB21T

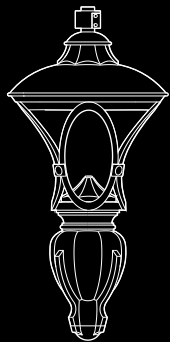


MRB18T

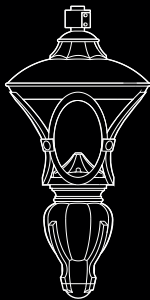


MRB12T

PENDANT MOUNT



MRB21P



MRB18P



MRB12P



3 Diffusers

Options for Visual Comfort

TENON MOUNT



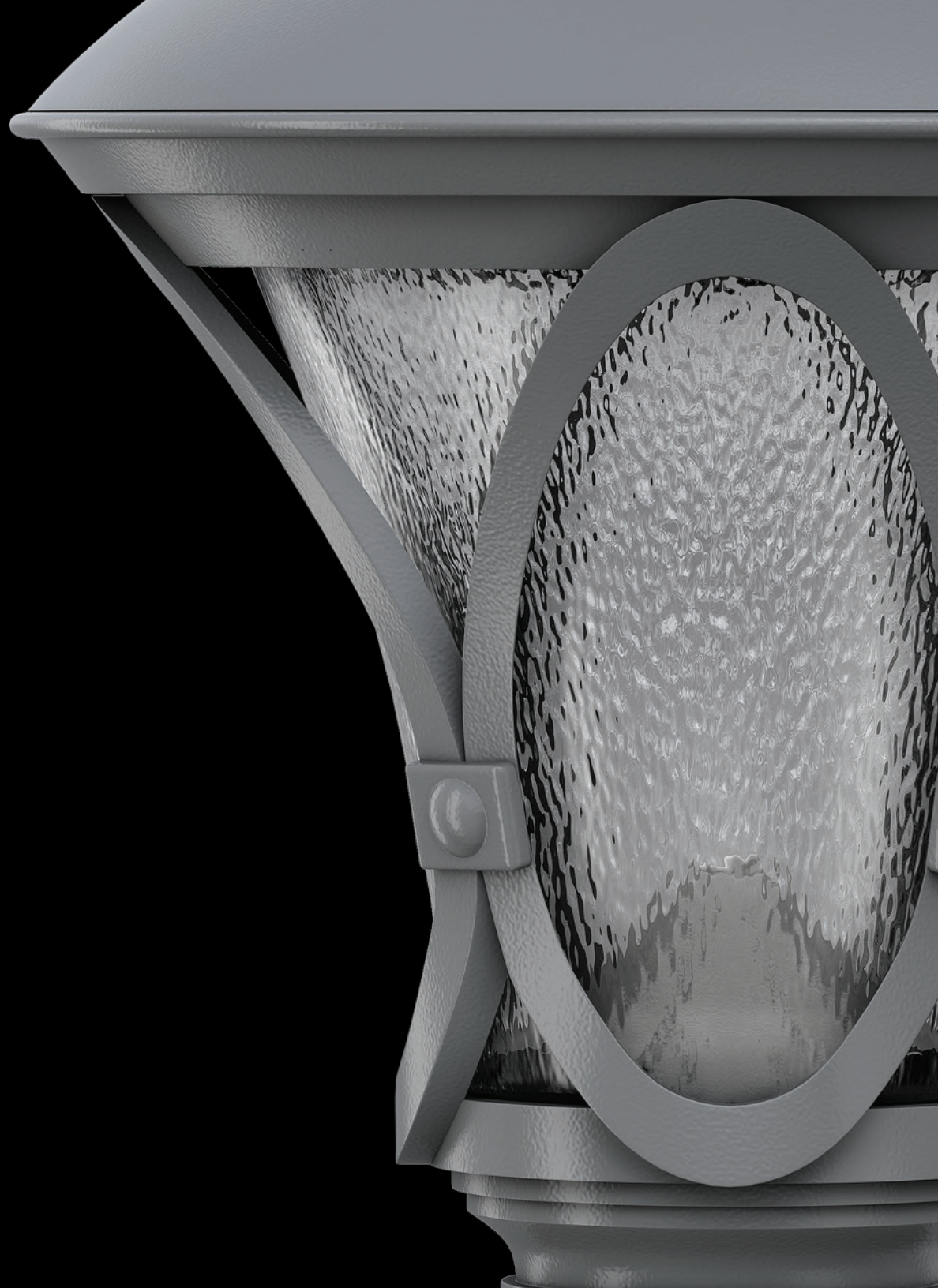
MRB
lens free



MRB-CPA
Clear Patterned Acrylic lens



MRB-WA
White Acrylic lens





Elegance
in Mounting Configurations

AVAILABLE LIGHT DISTRIBUTIONS



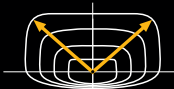
Type II*



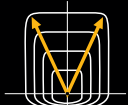
Type II FR*



Type III M*



Type III W*



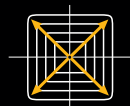
Type IV*



Type IV FT*



Type V Sq. N



Type V Sq. M



Type V Sq. W

*Asymmetric optics field rotatable in 90° increments.

HOUSE SIDE SHIELD



House side shields are applied to each individual LED in asymmetric distributions and result in outstanding house side cutoff to control property line trespass and unwanted brightness in residential areas.

PLED® Optics

Enhanced Performance Optics

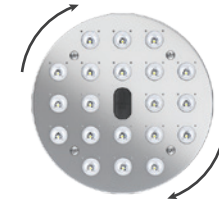
The U.S. Architectural PLED® (Panel LED) System utilizes a micro reflector behind each LED in asymmetric distributions to enhance forward throw and reduce backlight. Each LED is optically controlled by a lens that has its distribution type and direction of light throw molded into it.

The LED's and lenses are arrayed on circuit boards that are field rotatable in 90° increments and field replaceable.

Ultra high performance optics developed by U.S. Architectural



90° field rotatable



Distribution type and direction of light throw



Micro-reflector behind LED enhances forward throw and reduces backlight



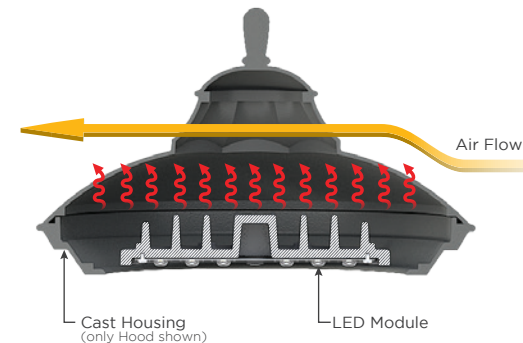
OPTIONS FOR CONTROLLING MARBELLA

HLSW - Selecting the HLSW option provides an externally switched circuit for step dimming the luminaire from 50% to 100%. The control may be an external timer, an on/off signal from the building automation system, a master motion sensor or any other digital on/off signal

TPR7 - Selecting the TPR7 option provides a 7-pin ANSI C136.41 dimming receptacle

MS-F211 - Selecting this option provides a motion sensor pre-programmed to step dim the fixture from 50% to 100%

In addition, the Marbella LED Electrical Housing has the capacity to be called out with a wide variety of wireless control systems provided by others.



The Marbella LED Optical Housing is cast of an A356 aluminum alloy that conducts heat 30% more efficiently than other popular die-cast aluminum alloys. In addition, the mounting surface of the PLED® Optics is milled to a flatness of .003" over 12" to allow complete contact of the PLED® and Optical Housing surfaces promoting outstanding thermal control over the LED's.

Ordering Information

For complete information refer to model spec sheet

Spec/Order Example: MRB18T/PLED-II/48LED-875mA/CW/277/V/RAL-7004-S

LUMINAIRE	OPTICS	LED	VOLTAGE	MOUNTING	FINISH	OPTIONS	
	PLED™ Distribution Type	# of LEDs	Drive Current	Color Temp - CCT	Post Top	Standard Textured Finish	
MRB21T	Type II	48LED ¹	1050mA ²	NW (4000K)* *Standard	FM ● Expansion Fitter Flush Mount	Black RAL-9005-T	Internal House Side Shield inc. LED Count (Example: HS-LED/48) HS-PLED
MRB21P	PLED-II	36LED	875mA ²	CW (5000K)	PT ● Pole Tenon	White RAL-9003-T	Twist Lock Receptacle Only TPR
MRB18T	Type II Front Row	20LED	700mA ²	WW (3000K)		Grey RAL-7004-T	7-Pin Twist Lock Receptacle Only TPR7
MRB18P	PLED-II-FR		525mA	Other LED Colors Available Consult Factory			
MRB12T	Type III Med.		350mA		Arm Mount	Dark Bronze RAL-8019-T	High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW
MRB12P	PLED-III-M				1 ●	Green RAL-6005-T	Photo Cell + Voltage (Example: PC120V) PC+V
MRB21T-CPA	Type III Wide			Amber ³	2-180 ●●		Single Fuse (120V, 277V) SF
MRB21P-CPA	PLED-III-W			Phosphor Converted Amber	2-90 ●●		Double Fuse (208V, 240V) DF
MRB18T-CPA	Type IV			PCA ⁴	3-90 ●●●		Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75ic) MS-F311
MRB18P-CPA	PLED-IV-FT			True Amber ⁵	3-120 ●●●		
	Type V Narrow			TRA	4-90 ●●●●		
	PLED-V-SQ-N						
	Type V Med.						
	PLED-V-SQ-M						
	Type V Wide						
	PLED-V-SQ-W						
	Type Asymmetric						
MRB21T-WA	PLED-ASY-W1				Wallmount		
MRB21P-WA					XMB1-U ● (MBR21 & MBR18)		
MRB18T-WA	Type Asymmetric				XMB1-D ● (MBR21 & MBR18)		
MRB18P-WA	PLED-ASY-W2 w/House Side Shield				XMB2-U ● (MBR12)		
					XMB2-D ● (MBR12)		
	Type Asymmetric						
	PLED-ASY-N1						
	Type Asymmetric						
	PLED-ASY-N2 w/House-side Shield						
	Type Symmetric						
	PLED-SYM						

NOTES:

- 1 - 875mA maximum
- 2 - 700mA, 875mA and 1050mA not for use with TRA LED's
- 3 - Narrow band Ambers have no definable CCT equivalent
- 4 - 700mA maximum
- 5 - Available in 350mA & 525mA drive currents only

For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S)

Consult factor for custom colors



U.S. POLE COMPANY
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www.usaltg.com

Patents Pending 1311

Stylish

Complementing Wall Mounts



For all arms refer to model spec sheet