

# MILLENIUM™ ROUND

## MR13 SERIES – LOW PROFILE HOUSING

### PROJECT INFORMATION

Job Name \_\_\_\_\_

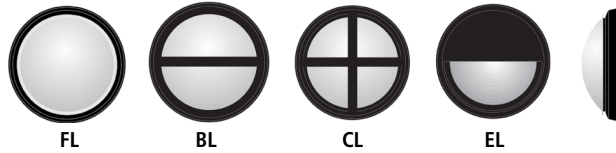
Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

#### PRODUCT FEATURES:

- » Surface mount – ceiling (n/a with MR13EL) or wall; 13" Dia. x4"D
- » Peace of Mind Guarantee® against breakage
- » Dust and water protected to IP64 standards
- » ADA compliant



#### SPECIFICATIONS:

**BASEPLATE:** Marine grade die-cast aluminum. Integral heat sinks. Baseplate flange interlocks and wraps around lens base producing maximum moisture deflection and resistance to prying. Baseplate provided with four-point mounting holes, one wireway hole and temporary junction box mounting breakouts. See installation detail. Standard matte black, dark bronze or matte white exterior TGIC polyester powder coat – 5-step pre-treatment. See Ordering Information for optional finishes.

**REFLECTOR:** Full reflector/wire cover – 92% reflectivity.

**LENS:** UV-stabilized, high impact resistant, virgin injection molded polycarbonate. High efficiency blonded fluted lens maximizes uniformity. Close tolerance push/turn/lock-in-place mating of injection molded lens and lens base. Lens and lens base secured with one concealed captive Torx® with center pin fastener.

**LENS BASE/GRILLE:** High impact resistant, injection molded matte black, dark bronze or matte white polycarbonate. Optional Light Gray, Silver, Forest Green or Custom Color (see Ordering Information below) are chemically bonded, impact resistant finishes.

**GASKETING:** Die-cut, closed cell neoprene self adhesive gasket seals baseplate to mounting surface. Closed cell, silicone "O" ring gaskets positioned and friction secured in gasket channels of lens base, baseplate and optional surface adapter.

**HARDWARE:** One stainless steel Torx® T-20 with center pin fastener.

**ELECTRICAL:** Available in 3500K, 4000K, and 5000K color temperatures, 80 CRI. 120-277VAC, 50/60Hz electrical input with high power factor electronic, constant-current driver (>.90 PF). Standard 0-10V dimming with 1-100% range; maximum driver source of 200 µA.

**SENSOR & CONTROLS:** Optional sensor available with compatible third party controls. To see the full list of compatible controls, [click here](#).

**PHOTOMETRICS:** Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric information, go to [www.kenall.com](http://www.kenall.com).

**WARRANTY:** Limited five (5) year LED warranty. [Peace of Mind Guarantee against breakage](#).

**LISTINGS:** Luminaire is certified to UL Standards by either Underwriters Laboratory or Intertek Testing Laboratory for Wet Location (listing includes Emergency Battery Pack "LEL" option). UL certified IP64 per IEC 60598. ADA compliant. Anti-Ligature Pearlescent Polycarbonate (APP) option - damp location only.



<b>In Stock SKU</b>
MR13FL-PP-MW-10L40K-DV

#### ORDERING INFORMATION (Ex: MR13CL-PP-MW-20L40K-DV)

Model	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories
<b>Model</b>		<b>Finish</b>		<b>Voltage</b>		
MR13BL Bar		DB Dark Bronze		120 120 Volts		
MR13CL Cross		FG Forest Green		277 277 Volts		
MR13EL Eyelid		LG Light Gray		347† 347 Volts		
MR13FL Full Face		MB Matte Black		DV† 120-277 Volts		
		MW Matte White				
<b>Lens Type</b>		SL Silver		<b>Options</b>		
PP Pearlescent Polycarbonate		CC Custom Color (Consult factory)		<b>LEL-SA</b> LED Emergency Battery Backup with Die-Cast Surface Adapter (SA) – Non ADA (n/a with 347V)		
APP* Flangeless Pearlescent Polycarbonate				<b>BPC-SA</b> Photo Control – Shielded Button Type with Die-Cast Surface Adapter (SA) – Non ADA (120V or 277V only)		
		<b>Lamp Type</b>		<b>FS</b> Single Fuse & Holder		
		10L35K 10 Watt 3500K LED		<b>NAT</b> Natatorium Environment Option		
		10L40K 10 Watt 4000K LED		<b>RMP‡</b> Retrofit Mounting Plate ( <a href="#">See Tech Sheet</a> )		
		10L50K 10 Watt 5000K LED		<b>Accessories</b>		
		20L35K 20 Watt 3500K LED		<b>SA</b> Die-Cast Surface Adapter (Non ADA)		
		20L40K 20 Watt 4000K LED				
		20L50K 20 Watt 5000K LED				
				‡ n/a with Surface Adapter		
				† n/a with BPC		
				* MR13FL only, damp location. n/a with LEL-SA or BPC-SA options		



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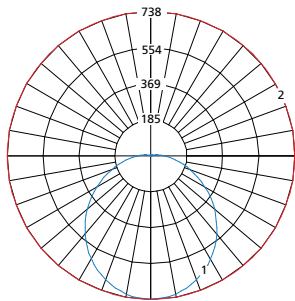
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## MR13 SERIES – TECHNICAL DATA

PERFORMANCE		Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
Model	Lamp Type	@ 25°C (lm)	Efficacy (lm/W)			
MR13FL	10L35K	1,166	90	13	94	130,000
	10L40K	1,166	90	13	94	130,000
	10L50K	1,270	98	13	94	130,000
	20L35K	2,250	96	24	94	130,000
	20L40K	2,250	96	24	94	130,000
	20L50K	2,453	104	24	94	130,000
MR13BL	10L35K	1,026	79	13	94	130,000
	10L40K	1,026	79	13	94	130,000
	10L50K	1,118	86	13	94	130,000
	20L35K	1,980	84	24	94	130,000
	20L40K	1,980	84	24	94	130,000
	20L50K	2,158	92	24	94	130,000
MR13CL	10L35K	936	72	13	94	130,000
	10L40K	936	72	13	94	130,000
	10L50K	1,020	79	13	94	130,000
	20L35K	1,807	77	24	94	130,000
	20L40K	1,807	77	24	94	130,000
	20L50K	1,969	84	24	94	130,000
MR13EL	10L35K	871	67	13	94	130,000
	10L40K	871	67	13	94	130,000
	10L50K	950	73	13	94	130,000
	20L35K	1,682	72	24	94	130,000
	20L40K	1,682	72	24	94	130,000
	20L50K	1,833	78	24	94	130,000

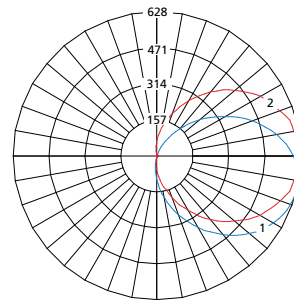
Info subject to change. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

Model: MR13FL-PP-MW-20L40K-DV



Max Candela = 738 Located At Horizontal Angle = 0, Vertical Angle = 0  
 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

Model: MR13EL-PP-MW-20L40K-DV



Max Candela = 628 Located At Horizontal Angle = 0, Vertical Angle = 65  
 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)



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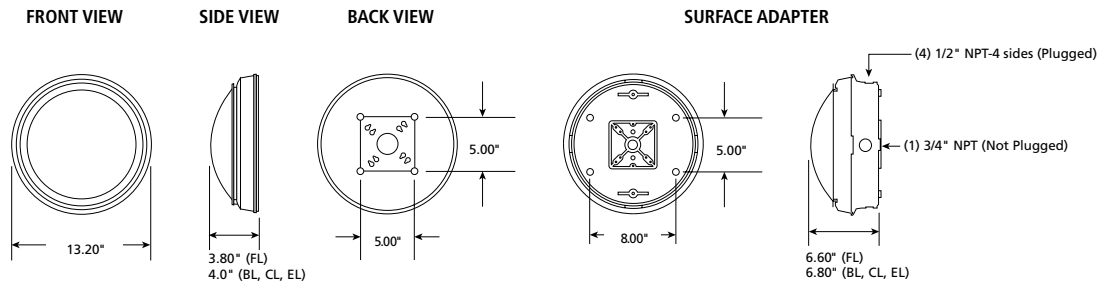
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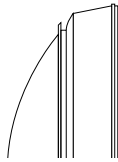
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## MR13 SERIES – TECHNICAL DATA

### DIMENSIONAL DATA



PP LENS TYPE



APP LENS TYPE

