

# MILLENIUM™ ROUND

## MR13 SERIES – DEEP PROFILE HOUSING

### PROJECT INFORMATION

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

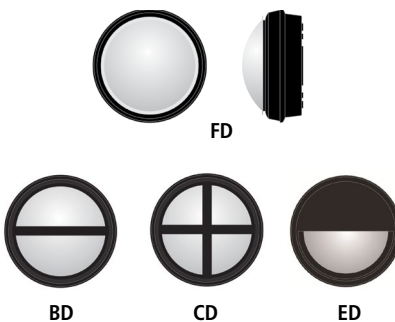
Fixture Type \_\_\_\_\_

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

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

### PRODUCT FEATURES:

- » Surface mount – ceiling (n/a with MR13ED) or wall; 13" Dia. x 6.5" D
- » Peace of Mind Guarantee® against breakage
- » Dust and water protected to IP64 standards



### SPECIFICATIONS

**HOUSING:** Marine grade die-cast aluminum. Rib reinforced construction. Integral heat sinks. Housing flange interlocks and wraps around lens base producing maximum moisture deflection and resistance to prying. Housing provided with four-point mounting holes, one wireway hole and temporary junction box mounting drill points. 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 blondel 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:** 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 housing to mounting surface. Closed cell, silicone "O" ring gaskets positioned and friction secured in gasket channels of lens base and housing.

**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. Optional embedded microwave motion sensor (MS) has factory default settings of 20 minute time out, dims down to 30%.

**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. Luminaire tested to an IK10 impact protection rating per IEC 60068-2-75:1997-08.



### ORDERING INFORMATION (Ex: MR13BD-PP-DB-20L40K-DV)

Model	Lens Type	Finish	Lamp Type	Voltage	Options
<b>PP</b>					
<b>Model</b>		<b>Finish</b>		<b>Voltage</b>	
MR13BD	Bar	DB	Dark Bronze	120	120 Volts
MR13CD	Cross	FG	Forest Green	277	277 Volts
MR13ED	Eyelid	LG	Light Gray	347	347 Volts
MR13FD	Full Face	MB	Matte Black	DV	120-277 Volts
		MW	Matte White		
		SL	Silver		
		CC	Custom Color (Consult factory)		
<b>Lens Type</b>		<b>Lamp Type</b>		<b>Options</b>	
PP	Pearlescent Polycarbonate	10L35K	10 Watt 3500K LED	LEL	LED Emergency Battery Backup (n/a with 347V, n/a with 50L)
		10L40K	10 Watt 4000K LED	BPC†	Photo Control – Shielded Button Type (120V or 277V only)
		10L50K	10 Watt 5000K LED	20KV	20KV/KA Surge Protection per IEEE/ANSI C62.41.2 Cat. A
		20L35K	20 Watt 3500K LED	FS	Single Fuse & Holder
		20L40K	20 Watt 4000K LED	NAT	Natatorium Environment Option
		20L50K	20 Watt 5000K LED	MS	Motion Sensor (n/a with 347V)
		50L35K*	50 Watt 3500K LED		
		50L40K*	50 Watt 4000K LED		
		50L50K*	50 Watt 5000K LED		

\* n/a with MR13ED  
 † BPC n/a in conjunction with MS option



www.kenall.com | P: 800-4-Kenall | F: 262-891-9700 | 10200 55th Street Kenosha, Wisconsin 53144, USA  
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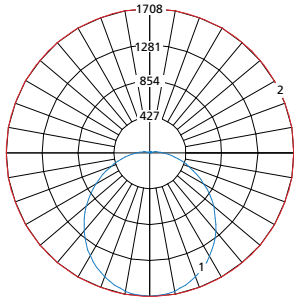
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PERFORMANCE		Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
Model	Lamp Type	@ 25°C (lm)	Efficacy (lm/W)			
MR13FD	10L35K	1,166	90	13	94	130,000
	10L40K	1,166	90	13	94	130,000
	10L50K	1,271	98	13	94	130,000
	20L35K	2,250	96	24	94	130,000
	20L40K	2,250	96	24	94	130,000
	20L50K	2,453	104	24	94	130,000
	50L35K	5,204	92	56	117	60,000
	50L40K	5,204	92	56	117	60,000
50L50K	5,672	101	56	117	60,000	
MR13BD	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
	50L35K	4,579	81	56	117	60,000
	50L40K	4,579	81	56	117	60,000
50L50K	4,991	88	56	117	60,000	
MR13CD	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
	50L35K	4,178	74	56	117	60,000
	50L40K	4,178	74	56	117	60,000
	50L50K	4,554	81	56	117	60,000
MR13ED	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

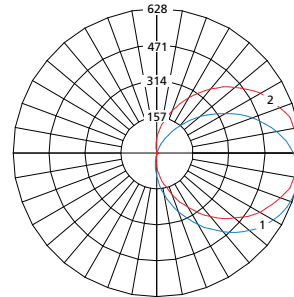
Info subject to change. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

Model: MR13FD-PP-MW-50L40K-DCC-DV



Max Candela = 1708 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: MR13ED-PP-MW-20L40K-DCC-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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DIMENSIONAL DATA

