

# MILLENIUM EDGE™

## MR13/MR17 SERIES – FLAT FACE DEEP PROFILE HOUSING

### PRODUCT FEATURES:

- » Surface mount – ceiling or wall;  
13" Dia. x 5"D (MR13FFD), 17" Dia. x 6" D (MR17FFD)
- » Peace of Mind Guarantee® against breakage available
- » Dust and water protected to IP64 standards
- » Full cut-off for IDA-Approved™ Dark Sky installations -  
Ceiling Mount only.



### PROJECT INFORMATION

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

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

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

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

### 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. Dark bronze optional finish.

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

**LENS:** UV-stabilized, high impact resistant, virgin injection molded polycarbonate. 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.

**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. IESNA-designated full cut-off. IESNA designated "Full Cutoff" when ceiling mounted.



### ORDERING INFORMATION (Ex: MR13FFD-PP-DB-20L40K-DV)

Model	Lens Type	Finish	Lamp Type	Voltage	Options
<b>PP</b>					
<b>Model</b>			<b>Lamp Type</b>		<b>Options</b>
<b>MR13FFD</b> 13" Dia.			<b>MR13FFD</b>		<b>LEL</b> LED Emergency Battery Backup (n/a with 347V)
<b>MR17FFD</b> 17" Dia.			<b>10L35K</b> 10 Watt 3500K LED		<b>BPC†</b> Photo Control – Shielded Button Type (120V or 277V only)
			<b>10L40K</b> 10 Watt 4000K LED		<b>20KV†</b> 20KV/KA Surge Protection per IEEE/ANSI C62.41.2 Cat. A
			<b>10L50K</b> 10 Watt 5000K LED		<b>FS</b> Single Fuse & Holder
<b>Lens Type</b>			<b>20L35K</b> 20 Watt 3500K LED		<b>NAT</b> Natatorium Environment Option
<b>PP</b> Pearlescent Polycarbonate			<b>20L40K</b> 20 Watt 4000K LED		<b>MS*</b> Motion Sensor
			<b>20L50K</b> 20 Watt 5000K LED		
<b>Finish</b>			<b>MR17FFD</b>		
<b>DB</b> Dark Bronze			<b>15L35K</b> 15 Watt 3500K LED		† BPC n/a in conjunction with MS option
<b>MB</b> Matte Black			<b>15L40K</b> 15 Watt 4000K LED		* n/a with 347V
<b>MW</b> Matte White			<b>15L50K</b> 15 Watt 5000K LED		
			<b>25L35K</b> 25 Watt 3500K LED		
			<b>25L40K</b> 25 Watt 4000K LED		
			<b>25L50K</b> 25 Watt 5000K LED		
			<b>Voltage</b>		
			<b>120</b> 120 Volts		
			<b>277</b> 277 Volts		
			<b>347</b> 347 Volts		
			<b>DV</b> 120-277 Volts		



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# MILLENIUM EDGE™

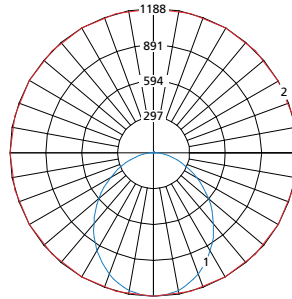
## MR13/MR17 SERIES – FLAT FACE DEEP PROFILE HOUSING

### PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
		@ 25°C (lm)	Efficacy (lm/W)			
MR13FFD	10L35K	1,111	86	13	94	130,000
	10L40K	1,111	86	13	94	130,000
	10L50K	1,212	94	13	94	130,000
	20L35K	2,145	91	24	94	130,000
	20L40K	2,145	91	24	94	130,000
	20L50K	2,338	99	24	94	130,000
MR17FFD	15L35K	2,006	102	20	40	130,000
	15L40K	2,006	102	20	40	130,000
	15L50K	2,187	111	20	40	130,000
	25L35K	2,941	100	29	63	130,000
	25L40K	2,941	100	29	63	130,000
	25L50K	3,206	109	29	63	130,000

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

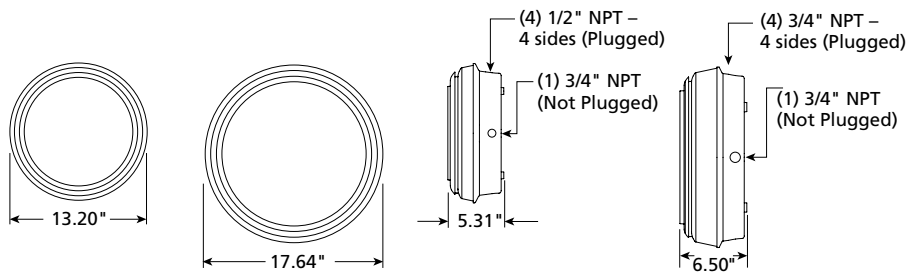
Model: MR17FFD-PP-MW-25L40K-DCC-DV



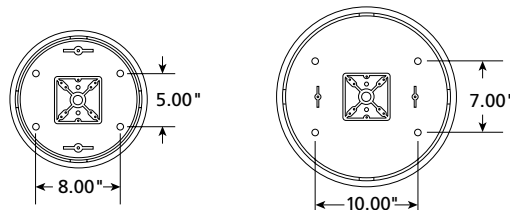
Max Candela = 1188 Located At Horizontal Angle = 0, Vertical Angle = 0  
 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

### DIMENSIONAL DATA

#### CROSS SECTION



#### BACK MOUNTING



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