

MILLENIUM EDGE™

MR13/MR17 SERIES – FLAT FACE DEEP PROFILE HOUSING

PRODUCT FEATURES:

- » Surface mount – ceiling or wall;
13" Dia.x5"D (MR13FFD), 17" Dia.x6" 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® 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%.

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.

WARRANTY: Limited five (5) year LED warranty.

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

† BPC n/a in conjunction with MS option
* n/a with 347V



www.kenall.com

P: 800-4-Kenall

F: 262-891-9701

10200 55th Street Kenosha, Wisconsin 53144

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MR_FFD-100918

MILLENIUM EDGE™

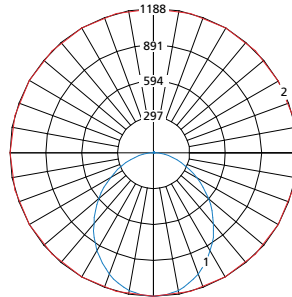
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PERFORMANCE

| 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 for IES files and additional information.

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

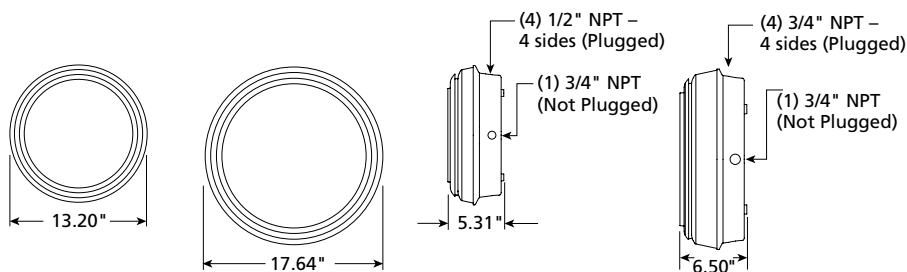


Max Candela = 1188 Located At Horizontal Angle = 0, Vertical Angle = 0

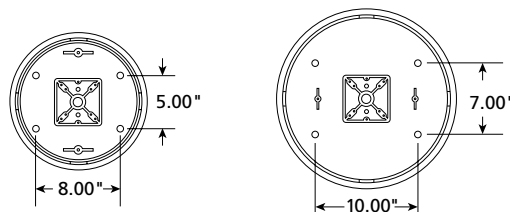
— 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
 — 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

DIMENSIONAL DATA

CROSS SECTION



BACK MOUNTING



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