

MILLENIUM™ ROUND

MR13 SERIES – SEMI-RECESSED

PRODUCT FEATURES:

- » Surface mount – ceiling (n/a with MR13ESR) or wall; 14" Dia. x 3"D
- » Peace of Mind Guarantee® against breakage
- » Dust and water protected to IP64 standards
- » ADA compliant

SPECIFICATIONS:

HOUSING (SERIES PP, ND, CO): Die-cast aluminum housing with integral heat sinks. Housing interlocks to lens base producing maximum moisture deflection and resistance to prying. Standard dark bronze exterior TGIC polyester powder coat – 5-step pre-treatment.

HOUSING (SERIES NL, CC): 18-gauge CRS housing. Housing interlocks to lens base producing maximum moisture deflection and resistance to prying. Standard matte white exterior TGIC polyester powder coat – 5-step pre-treatment.

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: Marine grade die-cast aluminum. Standard matte black, dark bronze or matte white exterior TGIC polyester powder coat – 5-step pre-treatment. See Ordering Information for optional finishes.

LENS GRILL: High impact resistant, injection molded opaque black, bronze, or white polycarbonate. Optional Light Gray, Silver, or Forest Green (see Ordering Information below) are chemically bonded, impact resistant finishes.

GASKETING: Closed cell, silicone "O" ring gaskets positioned in gasket channels of lens base and in Series PP, ND, CO 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.

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.

INSTALLATION: See [Technical Data Sheets](#) for semi-recessed installation details, mounting options and rough-in box part number.

WARRANTY: Limited five (5) year LED warranty.

LISTINGS: UL and CUL listed for Wet Location (listing includes Emergency Battery Pack "EL" option). UL certified IP64 per IEC 60598.

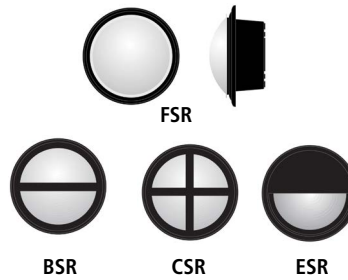
PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____



ORDERING INFORMATION (Ex: MR13FSR-ND-PP-MB-20L40K-DV)

Model	Mounting Type	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories
		PP					
Model		Finish		Options			
MR13BSR	Bar	MB	Matte Black	LEL†	LED Emergency Battery Backup (n/a with 347V)		
MR13CSR	Cross	MW	Matte White	20KV†	20KV/KA Surge Protection per IEEE/ANSI C62.41.2 Cat. A		
MR13ESR	Eyelid	DB	Dark Bronze	FS	Single Fuse & Holder		
MR13FSR	Full Face	LG	Light Gray	NAT	Natatorium Environment Option		
Mounting Type		SL	Silver	Accessories			
PP	Pour-in-Place or Masonry	FG	Forest Green	9500 Torx® Screwdriver			
ND	Non IC (Deep Profile)	CC	Custom Color (Consult factory)	* Ceiling Mounting Only			
NL	Non IC (Low Profile)	Lamp Type		† LEL and 20KV options not available in conjunction			
CC*	Canopy (Covered Top) (n/a with MR13ESR)	10L35K	10 Watt 3500K LED				
CO*	Canopy (Open Top) (n/a with MR13ESR)	10L40K	10 Watt 4000K LED				
Lens Type		10L50K	10 Watt 5000K LED				
PP	Pearlescent Polycarbonate	20L35K	20 Watt 3500K LED				
		20L40K	20 Watt 4000K LED				
		20L50K	20 Watt 5000K LED				
		Voltage					
		347	347 Volts				
		DV	120-277 Volts				



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This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2019 Kenall Mfg. Co.

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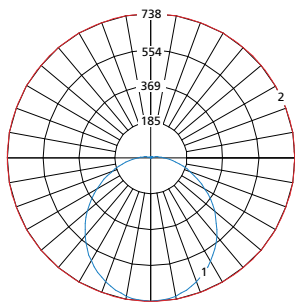
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PERFORMANCE		Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
Model	Lamp Type	@ 25°C (lm)	Efficacy (lm/W)			
MR13FSR	10L35K	1,166	90	13	94	130,000
	10L40K	1,166	90	13	94	130,000
	10L50K	1,270	98	13	94	130,000
	20L35K	2,250	96	24	94	130,000
	20L40K	2,250	96	24	94	130,000
	20L50K	2,453	104	24	94	130,000
MR13BSR	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
MR13CSR	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
MR13ESR	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

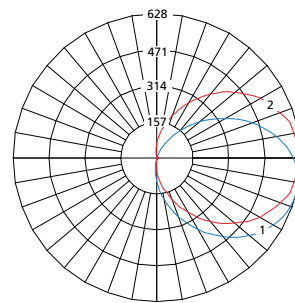
Info subject to change. Visit www.kenall.com for IES files and additional information.

Model: MR13FSR-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: MR13ESR-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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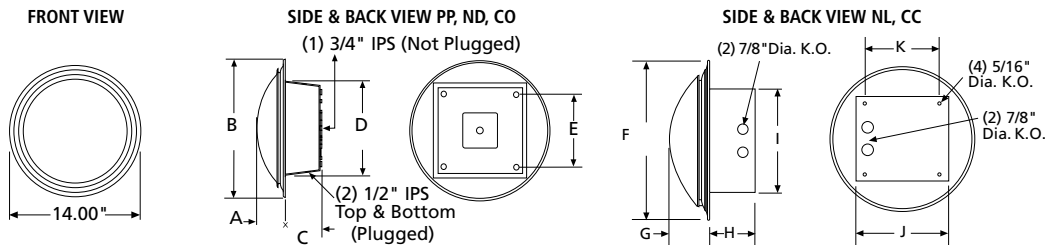
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DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E	F	G	H	I	J	K
FSR	2.80	14.00	4.10	9.00	6.40	14.00	2.80	3.80	8.88	8.88	7.00
BSR	3.00	14.00	4.10	9.00	6.40	14.00	3.00	3.80	8.88	8.88	7.00
CSR	3.00	14.00	4.10	9.00	6.40	14.00	3.00	3.80	8.88	8.88	7.00
ESR	3.00	14.00	4.10	9.00	6.40	14.00	3.00	3.80	8.88	8.88	7.00

