

MILLENIUM™ OVAL

MO13 SERIES – DEEP HOUSING PROFILE

PRODUCT FEATURES:

- » Surface mount – ceiling (n/a with MO13ED) or wall; 9"W×13"H×7"D
- » Aluminum baseplate with UV-stabilized high impact lens
- » Peace of Mind Guarantee® against breakage
- » Tested to IESNA LM-79-08 standards



MO13FD



MO13BD



MO13CD



MO13ED

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 capabilities. 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 mating of injection molded lens and lens base facilitates set up and installation. Lens and lens base secured with two concealed captive Torx® with center pin fasteners.

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 housing to mounting surface. Closed cell, silicone "O" ring gaskets positioned and friction secured in gasket channels of lens base and housing.

HARDWARE: Two stainless steel Torx® T-20 with center pin fasteners.

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.

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 Laboratory for Wet Location (includes Emergency Battery Pack "LEL" option). UL certified IP64 per IEC 60598.



ORDERING INFORMATION (Ex: MO13FD-PP-MB-20L40K-DV)

Model	Lens Type	Finish	Lamp Type	Voltage	Options
PP					
Model			Lamp Type		Options
MO13FD Full Face			MO13BD/CD/FD		LEL LEL Emergency Battery Backup (n/a with 347V)
MO13BD Bar			10L35K 10 Watt 3500K LED		BPC Photo Control – Shielded Button Type (120V or 277V only)
MO13CD Cross			10L40K 10 Watt 4000K LED		FS Single Fuse & Holder
MO13ED Eyelid			10L50K 10 Watt 5000K LED		NAT Natatorium Environment Option
			20L35K 20 Watt 3500K LED		
Lens Type			20L40K 20 Watt 4000K LED		
PP Pearlescent Polycarbonate			20L50K 20 Watt 5000K LED		
Finish			MO13ED		† n/a with BPC
MB Matte Black			8L35K 8 Watt 3500K LED		
MW Matte White			8L40K 8 Watt 4000K LED		
DB Dark Bronze			8L50K 8 Watt 5000K LED		
LG Light Gray			16L35K 16 Watt 3500K LED		
SL Silver			16L40K 16 Watt 4000K LED		
FG Forest Green			16L50K 16 Watt 5000K LED		
CC Custom Color (Consult factory)					
			Voltage		
			120 120 Volts		
			277 277 Volts		
			347† 347 Volts		
			DV† 120-277 Volts		



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A brand of Legrand

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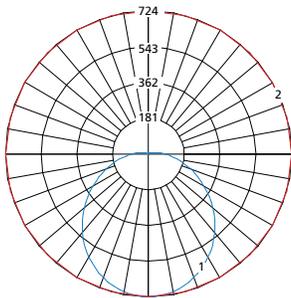
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Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
		@ 25°C (lm)	Efficacy (lm/W)			
MO13FD	10L35K	1,202	93	13	94	100,000
	10L40K	1,202	93	13	94	100,000
	10L50K	1,310	102	13	94	100,000
	20L35K	2,320	97	24	94	100,000
	20L40K	2,320	97	24	94	100,000
	20L50K	2,529	106	24	94	100,000
MO13BD	10L35K	1058	82	13	94	100,000
	10L40K	1058	82	13	94	100,000
	10L50K	1153	89	13	94	100,000
	20L35K	2042	85	24	94	100,000
	20L40K	2042	85	24	94	100,000
	20L50K	2225	93	24	94	100,000
MO13CD	10L35K	965	75	13	94	100,000
	10L40K	965	75	13	94	100,000
	10L50K	1052	82	13	94	100,000
	20L35K	1863	78	24	94	100,000
	20L40K	1863	78	24	94	100,000
	20L50K	2030	85	24	94	100,000
MO13ED	8L35K	1,032	90	11	75	85,000
	8L40K	1,032	90	11	75	85,000
	8L50K	1,124	98	11	75	85,000
	16L35K	1,686	84	20	150	85,000
	16L40K	1,686	84	20	150	85,000
	16L50K	1,837	91	20	150	85,000

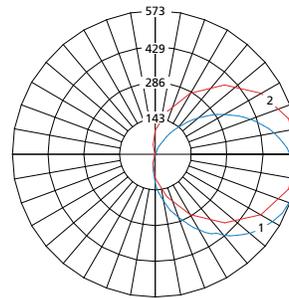
Info subject to change. Visit www.kenall.com for IES files and additional information.

Model: MO13FD-PP-MW-20L40K-DV



Max Candela = 724 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: MO13ED-PP-MW-16L40K-DV



Max Candela = 573 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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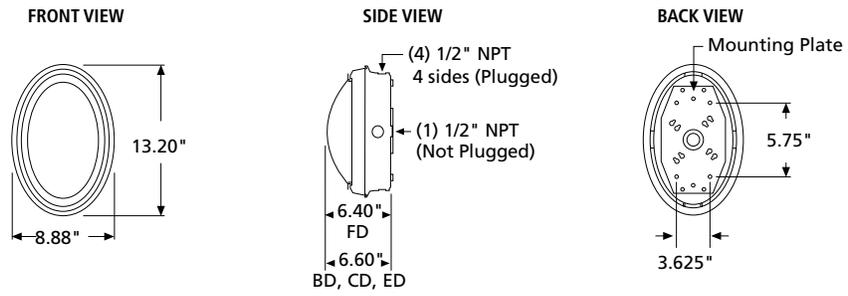
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DIMENSIONAL DATA



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