MILLENIUM™ SQUARE

MS15 SERIES – LOW PROFILE HOUSING

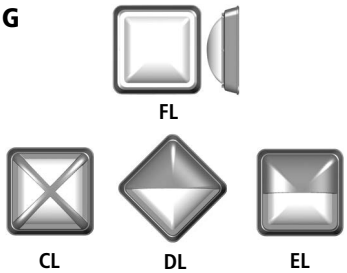
PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____



PRODUCT FEATURES:

» Surface mount – ceiling (FL & CL only) or wall mount;
16"W×16"W×6"D (CL, EL, FL)
21"W×21"W×6"D (DL)

» Peace of Mind Guarantee®

» Dust and water protected to IP64 standards

SPECIFICATIONS

BASEPLATE: Marine grade die-cast aluminum. Integral heat sinks. Baseplate flange interlocks and wraps around lens base producing maximum moisture deflection and resistance to prying. Baseplate provided with four-point mounting holes and one wireway hole. 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. Lens secured with four concealed captive Torx® with center pin fasteners. Exclusive water channeling lens design provides 360° ingress protection.

LENS BASE/EYELID/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 EPDM self adhesive gasket seals baseplate to mounting surface. Closed cell, silicone "O" ring gaskets positioned and friction secured in gasket channels of lens base, baseplate and optional surface adapter.

HARDWARE: Four stainless steel Torx® 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.

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.

LED | PEACE OF MIND Guarantee® | c UL us | c ETL us | IP64

ORDERING INFORMATION (Ex: MS15CL-PP-MB-25L40K-DV)

Model	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories
	PP					

Model
MS15FL Full Face
MS15CL Crossbar
MS15DL Diamond Eyelid
MS15EL Eyelid

Lens Type
PP Pearlescent Polycarbonate

Finish
DB Dark Bronze
FG Forest Green
LG Light Gray
MB Matte Black
MW Matte White
SL Silver
CC Custom Color (Consult factory)

Lamp Type
15L35K 15 Watt 3500K LED
15L40K 15 Watt 4000K LED
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

Options
LEL-SA LED Emergency Battery Backup with Die-cast Surface Adapter (SA) - Non ADA (n/a with 347V)
BPC-SA Photo Control – Shielded Button Type with Die-cast Surface Adapter (SA) - Non ADA (120V or 277V only)
FS Single Fuse & Holder
NAT Natatorium Environment Option

Accessories
SA Die-Cast Surface Adapter
9500 Torx® Screwdriver

† n/a with BPC

www.kenall.com **P: 800-4-Kenall** **F: 262-891-9701** **10200 55th Street Kenosha, Wisconsin 53144**

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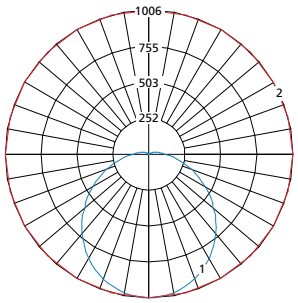
PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens @ 25°C (lm)	Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
MS15FL	15L35K	2,222	113	20	75	130,000
	15L40K	2,222	113	20	75	130,000
	15L50K	2,422	124	20	75	130,000
	25L35K	3,258	111	30	63	130,000
	25L40K	3,258	111	30	63	130,000
	25L50K	3,551	121	30	63	130,000
MS15CL	15L35K	1,784	91	20	75	130,000
	15L40K	1,784	91	20	75	130,000
	15L50K	1,945	99	20	75	130,000
	25L35K	2,616	89	30	63	130,000
	25L40K	2,616	89	30	63	130,000
	25L50K	2,851	97	30	63	130,000
MS15DL	15L35K	1,823	95	20	75	130,000
	15L40K	1,823	95	20	75	130,000
	15L50K	1,988	104	20	75	130,000
	25L35K	2,674	91	30	63	130,000
	25L40K	2,674	91	30	63	130,000
	25L50K	2,914	99	30	63	130,000
MS15EL	15L35K	1,860	97	20	75	130,000
	15L40K	1,860	97	20	75	130,000
	15L50K	2,028	106	20	75	130,000
	25L35K	2,727	93	30	63	130,000
	25L40K	2,727	93	30	63	130,000
	25L50K	2,973	101	30	63	130,000

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

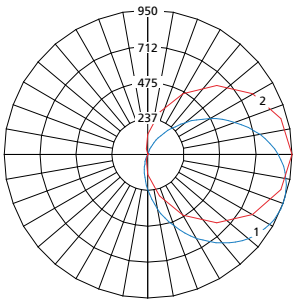
Model: MS15FL-PP-MW-25L40K-DCC-DV



Max Candela = 1006 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: MS15EL-PP-MW-25L40K-DCC-DV



Max Candela = 950 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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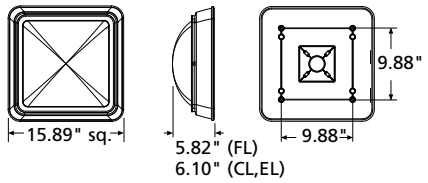
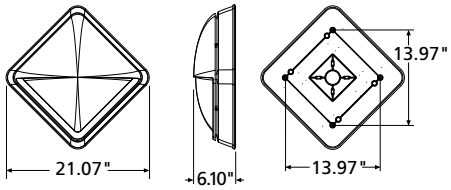
DIMENSIONAL DATA

MS15FL, CL, EL

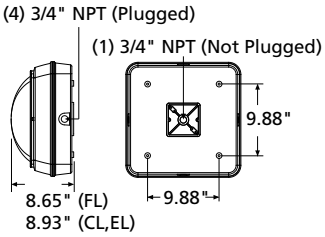


MS15DL

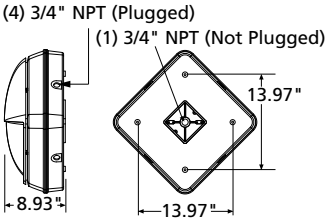


SURFACE ADAPTER SIDE & BACK VIEW

MS15FL, CL, EL



MS15DL



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