

PROJECT INFORMATION

Job Name _____

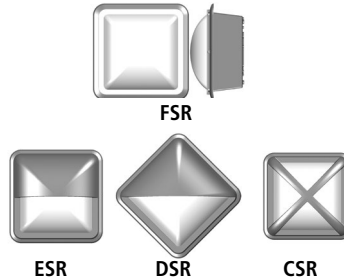
Fixture Type _____

Catalog Number _____

Approved by _____

MILLENIUM™ SQUARE**MS15 SERIES – SEMI-RECESSED****PRODUCT FEATURES:**

- » Semi-recessed mount – ceiling (FSR & CSR only) or wall mount; 15"W×15"H×4"D (CSR, ESR, FSR) 20"W×20"H×4"D (DSR)
- » Peace of Mind Guarantee®
- » Dust and water protected to IP64 standards
- » ADA Compliant

**SPECIFICATIONS**

HOUSING (SERIES PP, ND, CO): Marine grade 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. Lens secured with four concealed captive Torx® with center pin fasteners. Exclusive water channeling lens design provides 360° ingress protection.

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

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

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

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.

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. [Peace of Mind Guarantee against breakage.](#)

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

**ORDERING INFORMATION (Ex: MS15ESR-PP-PP-MB-25L40K-DV)**

Model	Mounting	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories
PP							
Model			Finish		Voltage		
MS15FSR	Full Face		MB Matte Black		347 347 Volts		
MS15CSR	Crossbar		MW Matte White		DV 120-277 Volts		
MS15DSR	Diamond Eyelid		DB Dark Bronze			Options	
MS15ESR	Eyelid		LG Light Gray			LEL† LED Emergency Battery Backup (n/a with 347V; 15L max. on MS15DSR/ESR)	
			SL Silver			20KV 20KV/KA Surge Protection per IEEE/ANSI C62.41.2 Cat. A	
Mounting Type			FG Forest Green			FS Single Fuse & Holder	
PP Pour-in-Place or Masonry			CC Custom Color (Consult factory)			NAT Natatorium Environment Option	
ND Non IC (Deep Profile)							
NL Non IC (Low Profile)							
CC* Canopy (Covered Top)				Lamp Type			
CO* Canopy (Open Top)				15L35K 15 Watt 3500K LED			
				15L40K 15 Watt 4000K LED			
Lens Type				15L50K 15 Watt 5000K LED			
PP Pearlescent Polycarbonate				25L35K 25 Watt 3500K LED			
				25L40K 25 Watt 4000K LED			
				25L50K 25 Watt 5000K LED			
						Accessories	
						9500 Torx® Screwdriver	
						* Ceiling Mounting Only	
						† LEL and 20KV options not available in conjunction	



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MILLENIUM™ SQUARE

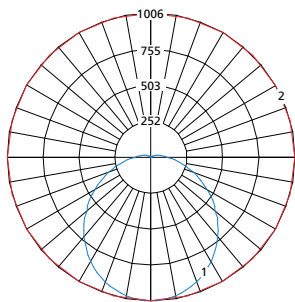
MS15 SERIES – SEMI-RECESSED

PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
		@ 25°C (lm)	Efficacy (lm/W)			
MS15FSR	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
MS15CSR	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
MS15DSR	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
MS15ESR	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

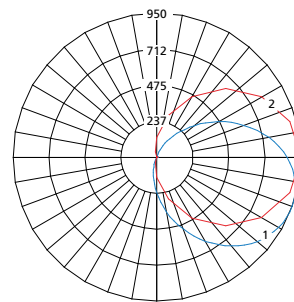
Info subject to change. Visit www.kenall.com for IES files and additional information.

Model: MS15FSR-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: MS15ESR-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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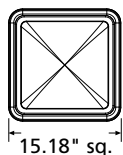
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MS15 SERIES – SEMI-RECESSED

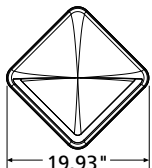
DIMENSIONAL DATA

SERIES PP, ND, CO (SIDE & BACK VIEW)

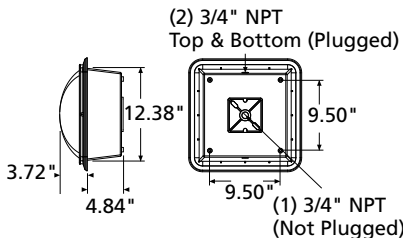
MS15FSR, CSR, ESR



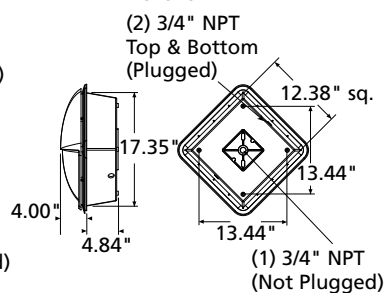
MS15DSR



MS15FSR, CSR, ESR

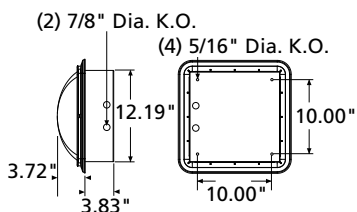


MS15DSR



SERIES NL, CC (SIDE & BACK VIEW)

MS15FSR, CSR, ESR



MS15DSR

