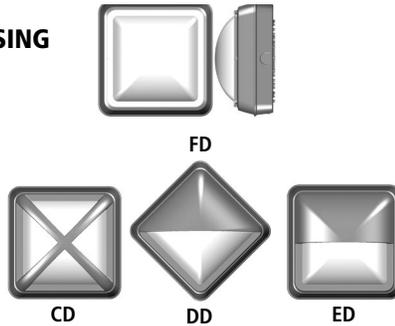


MILLENIUM™ SQUARE

MS15 SERIES – DEEP PROFILE HOUSING

PRODUCT FEATURES:

- » Surface mount – ceiling (FD & CD only) or wall mount;
16"W×16"W×8"D (CD, ED, FD)
21"W×21"W×8"D (DD)
- » Peace of Mind Guarantee®
- » Dust and water protected to IP64 standards



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 standoff mounting holes, one 3/4" NPT tapped hole on back of housing, four 3/4" NPT tapped and plugged holes on sides of housing – see details. 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 housing to mounting surface. Closed cell, silicone "O" ring gaskets positioned and friction secured in gasket channels of lens base and housing.

HARDWARE: Four 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. Optional embedded microwave motion sensor (MS) has factory default settings of 20 minute time out, dims down to 30%.

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 Testing Laboratory for Wet Location (listing includes Emergency Battery Pack "LEL" option). UL certified IP64 per IEC 60598. Luminaire tested to an IK10 impact protection rating per IEC 60068-2-75:1997-08.



ORDERING INFORMATION (Ex: MS15ED-PP-MB-25L40K-DV)

Model	Lens Type	Finish	Lamp Type	Voltage	Options
PP					
Model			Lamp Type		Options
MS15FD	Full Face		15L35K 15 Watt 3500K LED		LEL LED Emergency Battery Backup (n/a with 347V, n/a with 50L)
MS15CD	Cross		15L40K 15 Watt 4000K LED		BPC† Photo Control – Shielded Button Type (120V or 277V only)
MS15DD	Diamond		15L50K 15 Watt 5000K LED		20KV 20KV/KA Surge Protection per IEEE/ANSI C62.41.2 Cat. A
MS15ED	Eyelid		25L35K 25 Watt 3500K LED		FS Single Fuse & Holder
			25L40K 25 Watt 4000K LED		NAT Natatorium Environment Option
			25L50K 25 Watt 5000K LED		MS Motion Sensor (n/a with 347V)
Lens Type			50L35K* 50 Watt 3500K LED		
PP	Pearlescent Polycarbonate		50L40K* 50 Watt 4000K LED		
			50L50K* 50 Watt 5000K LED		
Finish			Voltage		
DB	Dark Bronze		120 120 Volts		* Available with MS15FD and MS15CD only
FG	Forest Green		277 277 Volts		† BPC n/a in conjunction with MS option
LG	Light Gray		347 347 Volts		
MB	Matte Black		DV 120-277 Volts		
MW	Matte White				
SL	Silver				
CC	Custom Color (Consult factory)				



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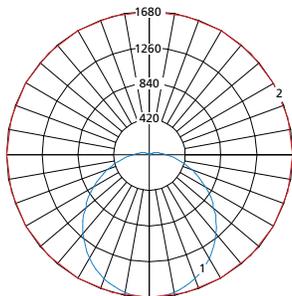
MS15 SERIES – DEEP PROFILE HOUSING

PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (hrs)
		@ 25°C (lm)	Efficacy (lm/W)			
MS15FD	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
	50L35K	5,442	95	57	117	105,000
	50L40K	5,442	95	57	117	105,000
	50L50K	5,932	104	57	117	105,000
MS15CD	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
	50L35K	4,369	76	57	117	105,000
	50L40K	4,369	76	57	117	105,000
	50L50K	4,762	83	57	117	105,000
MS15DD	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
MS15ED	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

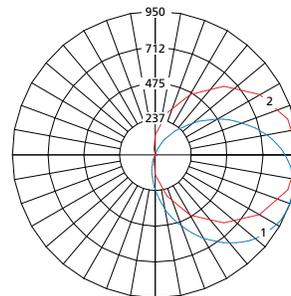
Info subject to change. Visit www.kenall.com for IES files and additional information.

Model: MS15FD-PP-MW-50L40K-DCC-DV



Max Candela = 1680 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: MS15ED-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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MS15 SERIES – DEEP PROFILE HOUSING

DIMENSIONAL DATA

DETAILS

