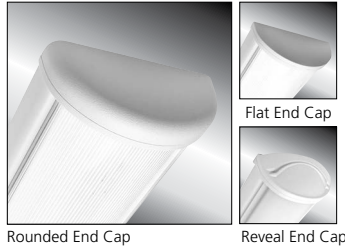


MILLENIUM STRETCH™

MLRS8 SERIES

PRODUCT FEATURES:

- » Surface mount – wall or ceiling; 8"×24", 8"×48", 8"×96"
- » Individual luminaires
- » ADA compliant



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HOUSING: Marine grade aluminum. Extruded body with die-cast end caps. Housing, with end caps, post assembly TGIC polyester powder coat finished – 5-step pre-treatment. See Ordering Information for standard, optional, architectural and custom finishes.

REFLECTOR: Full reflector/wire cover – 92% reflectivity.

LENS: UV-stabilized, high impact extruded clear or pearlescent acrylic. Smooth exterior, linear prismatic interior. Nominal thickness .156". Lens securely positioned in body channels and end caps. Lens locked in place with tamper-resistant stainless steel Torx® with center pin fasteners and sealed with closed cell gaskets.

END CAPS: Marine grade die-cast aluminum. Three styles available: Flat, Rounded and Reveal. Conduit and "Wiremold™" ready" knockouts visible only from interior of end cap (Flat and Rounded styles only).

SOCKETS: Shock-resistant sockets with internal locking collar to ensure positive lamp retention.

HARDWARE: Stainless steel, tamper-resistant Torx fasteners secure lens in housing body's lens channel (two on 24", four on 48" housings; eight on 96" housings).

ELECTRICAL: LED: Available 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 3-100% range, maximum driver source of 500 µA. LF: Class P ballasts. Fluorescent electronic 120/277/347 and dual voltage ballasts high power factor.

INSTALLATION: Standard four-point (24" housing), six-point (48" housing) and twelve-point (96" housing) mounting recommended.

WARRANTY: limited ten (10) year warranty for LED Lamps.

LISTINGS: UL and CUL listed for Damp Location. See Options for Wet Location – covered ceiling mount. Corner, horizontal wall and pendant mount installation – damp location only. ADA compliant.



ORDERING INFORMATION (Ex: MLRS8-48-F-MB-CIA-1-54-RS-120-FS-9500)

Model	Length	End Cap	Finish	Lens	Lamp Qty	Lamp Type	Ballast/Driver Type	Circuit Qty	Voltage	Options	Accessories
MLRS8											

Length 24 2' 48 4' 96 Two 4' (factory connected)	End Caps R Rounded F Flat RV Reveal	Finish MW Matte White MB Matte Black LG Light Gray CC Custom Color (Consult Factory)	Lens CIA ‡ Clear High Impact Acrylic PIA Pearlescent High Impact Acrylic Lamp Quantity (Cross Section) 1 One 2‡ Two 3‡ Three (T8 or T5 only)	Lamp Type 2' Lengths 14[▲] F14T5 17 F17T8 24[▲] F24T5HO 4' Lengths 45L35K 45 Watt 3500K LED 45L40K 45 Watt 4000K LED 45L50K 45 Watt 5000K LED 67L35K 67 Watt 3500K LED 67L40K 67 Watt 4000K LED 67L50K 67 Watt 5000K LED 90L35K 90 Watt 3500K LED 90L40K 90 Watt 4000K LED 90L50K 90 Watt 5000K LED 28 F28T5 32 F32T8 54 F54T5HO 54A F54T5HO amalgam	Ballast/Driver Type DCC Dimming Constant Current (LED) IS Instant Start Electronic <10% THD (T8) RS Rapid Start Electronic <10% THD (T8,T5,T5HO) SB Specified Ballast Circuit Quantity 1 One 2† Two Voltage 120 120 Volts 277 277 Volts 347 347 Volts (Consult Factory) DV 120-277 Volts	Options CDF Captive Diffuser Fasteners EL[▲]‡§ 500 Minimum Lumen Battery Pack (90 Minutes; 32°F Starting Temp) Single Fuse & Holder (one per circuit) FS 1100 Minimum Lumen Battery Pack (90 Minutes; 32°F Starting Temp) PEL[▲]‡§ Phillips Head Fasteners PH Pendant Mount (stems by others; damp only) PM§[■] Twin Tube Night Light – 5/7/9 watts (120V only) TN§ Uplight Component (Pendant Mount only; stems by others; damp only) UC§‡ Wet Location listed (covered ceiling only) WL Accessories CMB[■] Corner Mount Bracket (n/a with WL option) 9500 Torx® Screwdriver D-0552 Torx Driver Bit (Required for CMB Option)
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† n/a on 2' T5/T5HO with EL, PEL or TN options
 ▲ n/a with 347V
 ▼ 2' Fixtures have minimum 350-450 lumen battery pack
 ● n/a on 2' fixtures
 § n/a with 3 lamps
 ‡ n/a with LED Lamp Options
 ■ PM and CMB not available in conjunction



www.kenall.com

P: 800-4-Kenall

F: 262-891-9701

10200 55th Street Kenosha, Wisconsin 53144

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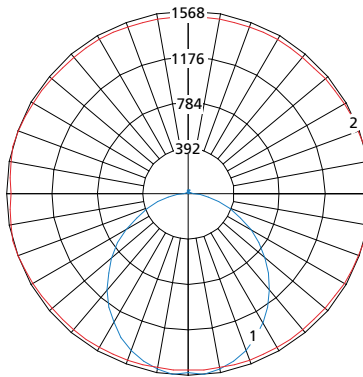
MILLENIUM STRETCH™

MLRS8 SERIES

PERFORMANCE	Initial Delivered Lumens					
	Lamp Type	@ 25°C	Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	45L35K	4632	95	50	94	150,000
	45L40K	4938	101	50	94	150,000
	45L50K	5136	103	50	94	150,000
	67L35K	6640	89	74	66	150,000
	67L40K	7078	95	74	66	150,000
	67L50K	7362	99	74	66	150,000
	90L35K	8445	84	100	94	150,000
	90L40K	9003	90	100	94	150,000
	90L50K	9363	93	100	94	150,000

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Visit www.kenall.com for additional information.

Model: MLRS8-48-F-MW-PP-1-45L40K-DCC-1-DV

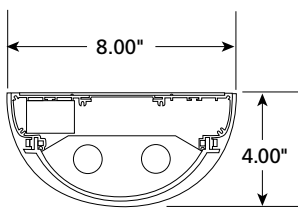


Maximum Candela = 1370 Located At Horizontal Angle = 15, Vertical Angle = 5

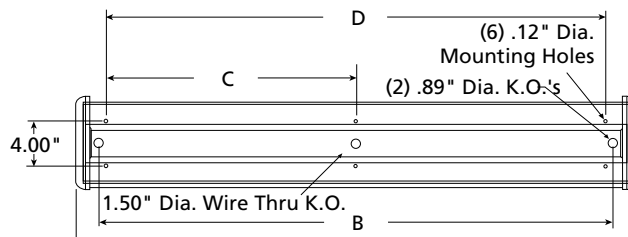
- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA

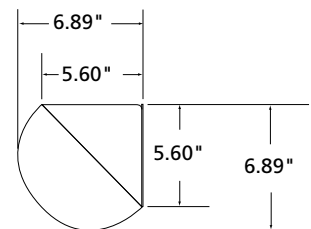
CROSS SECTION/DETAILS



MOUNTING HOLES



CORNER MOUNT BRACKET



Nominal Four Foot Fixture Legend

LMP	End Cap	A	B	C	D
T8	R	50.524	46.312	22.500	45.000
T8	F	49.308	46.312	22.500	45.000
T8	RV	52.632	46.312	22.500	45.000
T5	R	48.562	44.350	22.250	44.500
T5	F	47.346	44.350	22.250	44.500
T5	RV	50.670	44.350	22.250	44.500

Nominal Two Foot Fixture Legend

LMP	End Cap	A	B	C	D
T8	R	26.524	22.312	N/A	21.000
T8	F	25.308	22.312	N/A	21.000
T8	RV	28.632	22.312	N/A	21.000
T5	R	24.940	20.728	N/A	20.875
T5	F	23.724	20.728	N/A	20.875
T5	RV	27.048	20.728	N/A	20.875



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