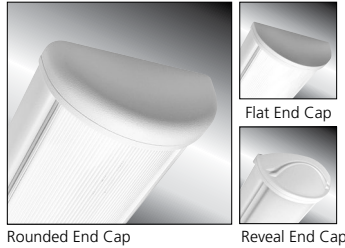


# MILLENIUM STRETCH™

## MLRS8 SERIES

### PRODUCT FEATURES:

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



Rounded End Cap

Flat End Cap

Reveal End Cap

### 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 polycarbonate. 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-CP-1-54-RS-120-FS-9500)

Model	Length	End Cap	Finish	Lens	Lamp Qty	Lamp Type	Ballast/Driver Type	Circuit Qty	Voltage	Options	Accessories
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MLRS8											
<b>Length</b>	24	2'									
	48	4'									
	96	Two 4'	(factory connected)								
<b>End Caps</b>	R	Rounded									
	F	Flat									
	RV	Reveal									
<b>Finish</b>	MW	Matte White									
	MB	Matte Black									
	LG	Light Gray									
	CC	Custom Color	(Consult Factory)								
<b>Lens</b>	CP‡	Clear Polycarbonate									
	PP	Pearlescent Polycarbonate									
<b>Lamp Quantity (Cross Section)</b>	1	One									
	2‡	Two									
	3‡	Three (T8 or T5 only)									
<b>Lamp Type</b>	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									
<b>Ballast/Driver Type</b>	DCC	Dimming Constant Current (LED)									
	IS	Instant Start Electronic									
	RS	Rapid Start Electronic									
	SB	Specified Ballast									
<b>Circuit Quantity</b>	1	One									
	2†	Two									
<b>Voltage</b>	120	120 Volts									
	277	277 Volts									
	347	347 Volts (Consult Factory)									
	DV	120-277 Volts									
<b>Options</b>	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 (Max. 3/8NPT 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										
<b>Accessories</b>	CMB■	Corner Mount Bracket (n/a with WL option)									
	9500	Torx® Screwdriver									
	D-0552	Torx Driver Bit (Required for CMB Option)									
	†	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									



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A brand of **Legrand**

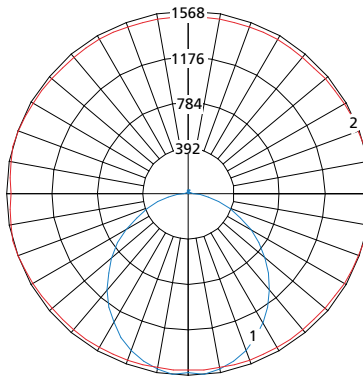
# MILLENIUM STRETCH™

## 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](http://www.kenall.com) for additional information.

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

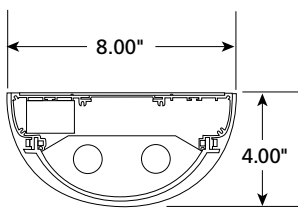


Maximum Candela = 1370 Located At Horizontal Angle = 15, Vertical Angle = 5

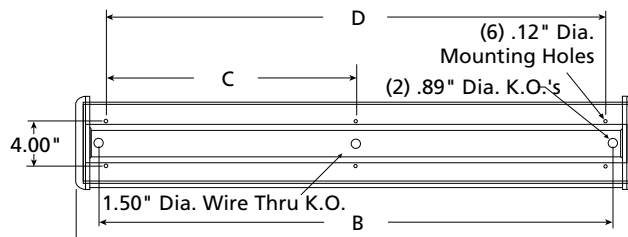
- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

### DIMENSIONAL DATA

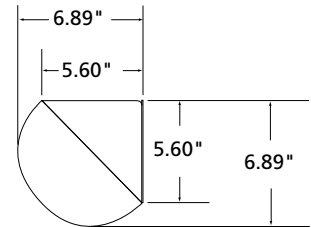
#### CROSS SECTION/DETAILS



#### 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

