

# MILLENIUM STRETCH™

## MLRS8S SERIES – CONTINUOUS RUN

### PROJECT INFORMATION

Job Name \_\_\_\_\_

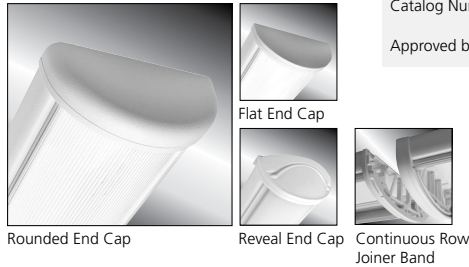
Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

#### PRODUCT FEATURES:

- » Surface mount – wall or ceiling; 8" x 48"
- » Continuous row mount luminaires
- » ADA compliant



#### 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. Each linear run of luminaires consists of one Beginning of Run Luminaire (B), one or multiple Middle Luminaire(s) (M), and one End of Run Luminaire (E). Specify and/or order systems per linear run (i.e. (1)B48, (5)M48, (1)E48). NOTE: Contact factory for custom lengths.

**REFLECTOR:** Full reflector/wire cover – 97% 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 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 "Wire mold™ 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:** Four stainless steel, tamper-resistant Torx® fasteners secure lens in housing body's lens channel. Electrical Quick Connector supplied (Specify Circuit Qty, see below).

**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 250 µA. LE: Class P ballasts. Fluorescent electronic 120/277/347 and dual voltage ballasts high power factor.

**SENSOR & CONTROLS:** Optional sensor available with compatible third party controls. To see the full list of compatible controls, [click here](#).

**INSTALLATION:** Standard six-point mounting per fixture recommended.

**WARRANTY:** limited ten (10) year LED warranty.

**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. Suitable for use as a raceway. Suitable for use in continuous row.



#### ORDERING INFORMATION (Ex: MLRS8S-B48-2/M48-E48-R-MW-CP-1-54-RS-1-120-FS)

Model	Begin. Hsg.	Mid. Hsg.	End. Hsg.	End Cap	Finish	Lens	Lamp Qty	Lamp Type	Ballast/Driver	Circuit Qty	Voltage	Options	Accessories
<b>MLRS8S</b>	<b>B48</b>	<b>/M48</b>	<b>E48</b>										

#### Beginning of Run Housing Style

**B48** Nominal 48" housing

#### Middle Fixture(s) Housing Style

(replace "x" with qty)  
**(x)/M48** Nominal 48" housing(s)

#### Ending of Run Housing Style

**E48** Nominal 48" housing

#### End Caps

**R** Rounded  
**F** Flat  
**RV** Reveal

#### Finish

**MW** Matte White  
**MB** Matte Black  
**LG** Light Gray  
**CC** Custom Color (Consult Factory)

#### Lens

**CP†** Clear Polycarbonate  
**PP** Pearlescent Polycarbonate

#### Lamp Quantity (Cross Section)

**1** One  
**2†** Two

#### Lamp Type (Lamp Qty/Driver/Voltage/Temp)

**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

**EL\*†** 500 Minimum Lumen Battery Pack – Specify Quantity (90 Minutes; 32°F Starting Temperature)  
**PEL\*†** 1100 Minimum Lumen Battery Pack – Specify Quantity (90 Minutes; 32°F Starting Temperature)  
**1RW** First Isolated Raceway  
**CDF** Captive Diffuser Fasteners  
**FS** Single Fuse & Holder  
**PH** Phillips Head Fasteners  
**PM§** Pendant Mount (Max. 3/8NPT stems by others; damp only)  
**XC** Auxiliary Circuit  
**UC†** Uplight Component (Pendant Mount only; stems by others; damp only)  
**WL** Wet Location Rating

#### Accessories

**CMB§** Corner Mount Bracket (Must be ordered with DL Option)  
**9500** Torx® Screwdriver  
**D-0552** Torx Driver Bit (Required for CMB Option)

\* EL/PEL will operate one lamp in emergency mode  
▲ n/a with EL or PEL options  
▼ n/a with T5HO if EL/PEL option ordered with PM or UC option  
† n/a with LED Lamp Type  
§ PM and CMB not available in conjunction



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MLRS8S-012522

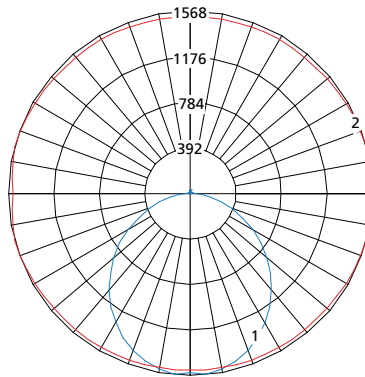
# MILLENIUM STRETCH™

## MLRS8S SERIES – CONTINUOUS RUN

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.

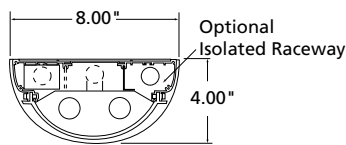
Model: MLRS-48-F-MW-PP-1-45L40K-DCC-1-DV



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

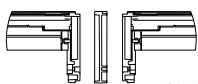
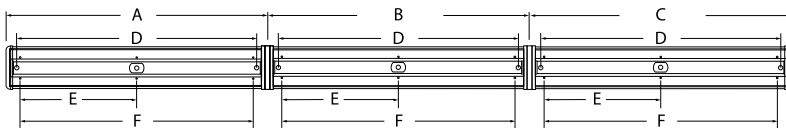
- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

### DIMENSIONAL DATA

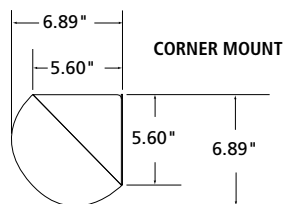


#### Nominal Four Foot Fixture Legend

LMP	End Cap	A	B	C	D	E	F
T8/LED	R	49.93	49.34	49.93	46.31	22.50	45.00
T8/LED	F	49.32	49.34	49.32	46.31	22.50	45.00
T8/LED	RV	49.02	49.34	49.02	46.31	22.50	45.00
T5	R	47.97	47.37	47.97	44.35	22.25	44.50
T5	F	47.36	47.37	47.36	44.35	22.25	44.50
T5	RV	50.98	47.37	50.98	44.35	22.25	44.50



**JOINER BAND –  
REQUIRED FOR  
ROW MOUNTING  
(SUPPLIED)**



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