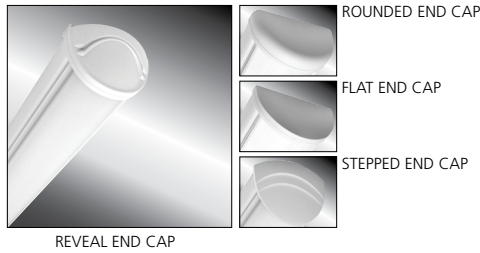


# MILLENIUM STRETCH™

## MLR55 SERIES – INDIVIDUAL

### PRODUCT FEATURES:

- » Surface mount – ceiling or wall; 5"×24", 36", 48", 72" and 96"
- » Extruded aluminum housing with decorative end caps
- » Low-profile – 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 acrylic or pearlescent polycarbonate (see ordering information). 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® T-20 with center pin fasteners and sealed with closed cell gaskets.

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

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

**HARDWARE:** Stainless steel, tamper-resistant Torx® T-20 with center pin fasteners secure lens in housing body's lens channel (eight on 72" and 96" housings, four on 24", 36" and 48" 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 250 µA. **LF:** 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 two-point (24" housing), four-point (36" and 48" housing) and eight-point (72" and 96" housing) mounting recommended.

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

**LISTINGS:** Luminaire is certified to UL Standards by Intertek Testing Laboratory for Damp location – corner, horizontal wall, vertical wall and pendant mount installation. See Options for Wet Location – covered ceiling mount.



### ORDERING INFORMATION (Ex: MLR55-48-F-MB-CIA-1-54-RS-1-120-FS)

Model	Length	End Cap	Finish	Lens	Lamp Qty	Lamp Type	Ballast/Driver Type	Circuit Qty	Voltage	Options	Accessories
<b>MLR55</b>											
<b>Length</b>	<b>Lamp Quantity (Cross Section)</b>		<b>Ballast/Driver Type</b>				<b>Accessories</b>				
24	2'	1	One	<b>DCC</b>	Dimming Constant Current (LED Only)		<b>CMB§</b>	Corner Mount Bracket (n/a with WL option)			
36	3'	2†	Two	<b>IS</b>	Instant Start Electronic <10% THD (T8)						
48	4'			<b>RS</b>	Rapid Start Electronic <10% THD (T8, T5, T5HO)						
72	Two 3' (factory connected)			<b>SB</b>	Specified Ballast			† n/a on 2' fixtures with EL option.			
96	Two 4' (factory connected)							▲ 347V n/a with EL or PEL options.			
<b>End Caps</b>	<b>Lamp Type</b>		<b>Circuit Quantity</b>				▼ 2' Fixtures have minimum 350-450 lumen battery pack. n/a with (2) T5HO lamps.				
F	Flat	14	F14T5	1	One			● n/a on 2' fixtures, 3' fixtures with T5 or T8 lamping, or with (2) T5HO lamps.			
R	Rounded	17	F17T8	2†	Two			‡ n/a with LED			
RV	Reveal	24	F24T5HO (120/277V)				<b>Voltage</b>	§ PM and CMB not available in conjunction			
SP	Stepped						120	120 Volts			
<b>Finish</b>	<b>3' Lengths</b>		<b>Options</b>				277	277 Volts			
MW	Matte White	21	F21T5	<b>EL*‡</b>	500 Minimum Lumen Battery Pack (90 Minutes; 32°F Starting Temperature)		347▲	347 Volts (Consult Factory)			
MB	Matte Black	25	F25T8	<b>PEL*‡</b>	1100 Minimum Lumen Battery Pack (90 Minutes; 32°F Starting Temperature)		DV	120-277 Volts			
LG	Light Gray	39	F39T5HO (120/277V only)	<b>CDF</b>	Captive Diffuser Fasteners						
CC	Custom Color (Consult Factory)			<b>FS</b>	Single Fuse & Holder						
<b>Lens</b>	<b>4' Lengths</b>		<b>PH</b>				Phillips Head Fasteners				
CIA†	Clear High Impact Acrylic	45L35K	45 Watt 3500K LED	<b>PM§</b>	Pendant Mount (Max. 3/8NPT stems by others; damp only)						
PP	Pearlescent Polycarbonate	45L40K	45 Watt 4000K LED	<b>WL</b>	Wet Location Rating (covered ceiling only)						
		45L50K	45 Watt 5000K LED								
		28	F28T5								
		32	F32T8								
		54	F54T5HO								
		54A	F54T5HO amalgam								



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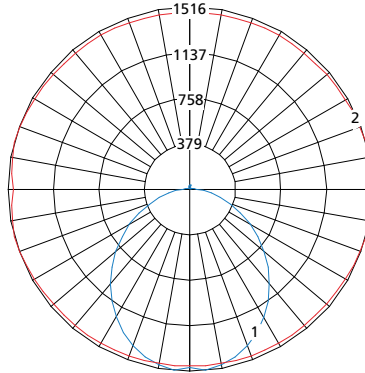
## MLR55 SERIES – INDIVIDUAL

### PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L35K	4246	85	50	94	150,000
45L40K	4526	90	50	94	150,000
45L50K	4707	94	50	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: MLR55-48-F-MW-PP-1-45L40K-DCC-1-DV

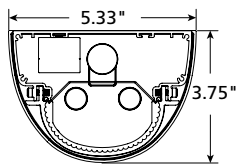


Maximum Candela = 1241 Located At Horizontal Angle = 15, Vertical Angle = 5

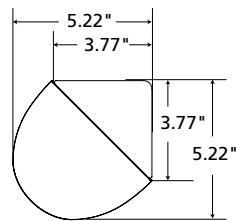
- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

### DIMENSIONAL DATA

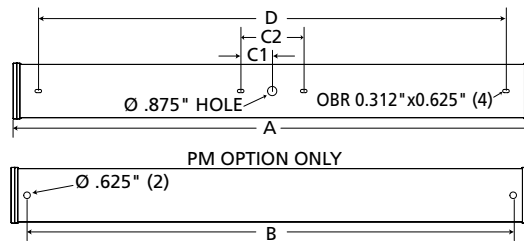
#### CROSS SECTION/DETAILS



#### CORNER MOUNT BRACKET



#### MOUNTING HOLES



#### Nominal Two Foot Fixture Legend

LMP End Cap	A	B	C1	C2	D
T8 R	26.52	22.25	N/A	N/A	20.48
T8 F	25.31	22.25	N/A	N/A	20.48
T8 SP	28.13	22.25	N/A	N/A	20.48
T8 RV	27.67	22.25	N/A	N/A	20.48
T5 R	24.94	20.67	N/A	N/A	18.90
T5 F	23.72	20.67	N/A	N/A	18.90
T5 SP	26.55	20.67	N/A	N/A	18.90
T5 RV	26.09	20.67	N/A	N/A	18.90

#### Nominal Three Foot Fixture Legend

LMP End Cap	A	B	C1	C2	D
T8 R	38.52	34.25	3.00	6.00	32.48
T8 F	37.31	34.25	3.00	6.00	32.48
T8 SP	40.13	34.25	3.00	6.00	32.48
T8 RV	39.67	34.25	3.00	6.00	32.48
T5 R	36.75	32.48	2.95	5.91	30.71
T5 F	35.54	32.48	2.95	5.91	30.71
T5 SP	38.36	32.48	2.95	5.91	30.71
T5 RV	37.90	32.48	2.95	5.91	30.71

#### Nominal Three Foot Fixture Legend

LMP End Cap	A	B	C1	C2	D
T8 R	50.52	46.25	3.00	6.00	44.48
T8 F	49.31	46.25	3.00	6.00	44.48
T8 SP	52.13	46.25	3.00	6.00	44.48
T8 RV	51.67	46.25	3.00	6.00	44.48
T5 R	48.56	44.29	2.95	5.91	42.52
T5 F	47.35	44.29	2.95	5.91	42.52
T5 SP	50.17	44.29	2.95	5.91	42.52
T5 RV	49.71	44.29	2.95	5.91	42.52



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