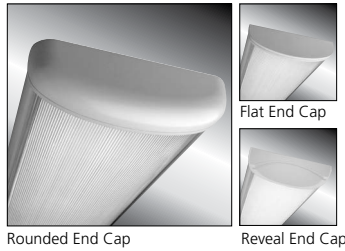


# MILLENIUM STRETCH™

## TMLHA12 SERIES

### PRODUCT FEATURES:

- » Surface mount – ceiling or wall; 12"×24", 12"×48", 12"×96"
- » Individual luminaires
- » Peace of Mind Guarantee® against breakage
- » 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.

**LENS:** UV-stabilized, high impact extruded 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).

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

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

**ELECTRICAL:** 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 1-100% range and dim-to-dark capabilities; maximum driver source of 330µA. Consult factory for fluorescent option.

**INSTALLATION:** Standard four-point (24" housing) six-point (48" housings) and twelve-point (96" housing) mounting required for Peace of Mind Guarantee®.

**PHOTOMETRICS:** Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to [www.kenall.com](http://www.kenall.com). LED product ambient temperature is -30°C to 25°C, unless otherwise noted.

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

**LISTINGS:** Luminaire is certified to UL standards by Intertek Testing Laboratories for Wet Location installations – covered ceiling mount. ETL certified IP64 per IEC 60598. Damp rated – ceiling mount. Corner, horizontal wall and pendant mount installation – Damp Location only. ADA compliant.



### ORDERING INFORMATION (Ex: TMLHA12-48-F-MB-PP-90L40K-DCC-DV-FS-9500)

Model	Length	End Cap	Finish	Lens	Lamp Type	Driver Type	Voltage	Options	Accessories
<b>TMLHA12</b>				<b>PP</b>		<b>DCC</b>			
<b>Length</b>				<b>Lens</b>		<b>Driver Type</b>			
24	2'			PP	Pearlescent Polycarbonate	DCC	Dimming Constant Current		
48	4'								
96	Two 4' (factory connected)								
<b>End Caps</b>				<b>Lamp Type</b>		<b>Voltage</b>			
F	Flat			<b>2' Lengths</b>		120	120 Volts		
R	Rounded			25L35K	25 Watt 3500K LED	277	277 Volts		
RV	Reveal			25L40K	25 Watt 4000K LED	347	347 Volts		
				25L50K	25 Watt 5000K LED	DV	120-277 Volts		
<b>Finish</b>						<b>Options</b>			
LG	Light Gray			45L35K	45 Watt 3500K LED	LEL	Integral 8.4W Emergency Battery Backup		
MB	Matte Black			45L40K	45 Watt 4000K LED		(45L max, 0°C minimum operating temperature, 4' only, n/a with 347V)		
MW	Matte White			45L50K	45 Watt 5000K LED	CDF	Captive Diffuser Fasteners		
CC	Custom Color (Consult Factory)			67L35K	67 Watt 3500K LED	DL	Damp Location (Interior use NO gasketing)		
				67L40K	67 Watt 4000K LED	FS	Single Fuse & Holder (one per circuit)		
				67L50K	67 Watt 5000K LED	NAT	Natorium Environment Option		
				90L35K	90 Watt 3500K LED	PH	Phillips Head Fasteners		
				90L40K	90 Watt 4000K LED	PM	Pendant Mount (stems by others; damp only)		
				90L50K	90 Watt 5000K LED	<b>Accessories</b>			
				150L35K	150 Watt 3500K LED	CMB	Corner Mount Bracket (damp only)		
				150L40K	150 Watt 4000K LED	9500	Torx® Screwdriver		
				150L50K	150 Watt 5000K LED	D-0552	Torx Driver Bit		
							(Required for CMB Option)		



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# MILLENIUM STRETCH™

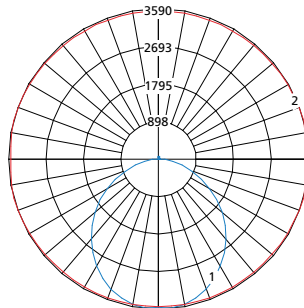
## TMLHA12 SERIES

### PERFORMANCE

Length	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
2'	25L35K	2,507	100	25	100	175,000
	25L40K	2,673	107	25	100	175,000
	25L50K	2,673	107	25	100	175,000
	45L35K	5,014	102	49	100	175,000
	45L40K	5,345	109	49	100	175,000
	45L50K	5,345	109	49	100	175,000
4'	45L35K	5,014	102	49	100	175,000
	45L40K	5,345	109	49	100	175,000
	45L50K	5,345	109	49	100	175,000
	67L35K	7,717	106	73	75	175,000
	67L40K	8,227	113	73	75	175,000
	67L50K	8,227	113	73	75	175,000
	90L35K	9,894	101	98	100	175,000
	90L40K	10,548	108	98	100	175,000
	90L50K	10,548	108	98	100	175,000
	150L35K	15,534	93	167	113	130,000
	150L40K	16,561	99	167	113	130,000
150L50K	16,561	99	167	113	130,000	

Information above is valid for the recommended Type PP lens type and is subject to change without notice. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

Model: MLHA12-48-F-MW-PP-90L40K-DCC-1-DV

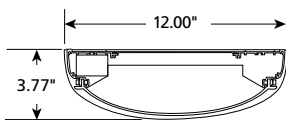


Maximum Candela = 3590 Located At Horizontal Angle = 15, Vertical Angle = 5

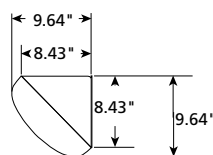
- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

### DIMENSIONAL DATA

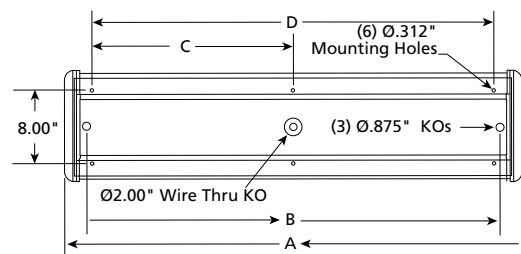
#### CROSS SECTION/DETAILS



#### CORNER MOUNT BRACKET



#### MOUNTING HOLES



End Cap	A	B	C	D
R	27.132	22.312	N/A	21.000
F	25.308	22.312	N/A	21.000
RV	29.840	22.312	N/A	21.000

End Cap	A	B	C	D
R	51.132	46.312	22.500	45.000
F	49.308	46.312	22.500	45.000
RV	52.840	46.312	22.500	45.000



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