MILLENIUM STRETCH™

TMLHA12 SERIES

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

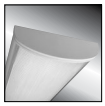
» Surface mount – ceiling or wall; 12"×24" , 12"×48", 12"×96"

» Individual luminaires

» Peace of Mind Guarantee® against breakage

» ADA compliant

Rounded End Cap



Flat End Cap

Reveal End Cap

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® T-20 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® T-20 with center pin 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 flourescent option.

OPTIONAL CONTROLS: Optional control module available with compatible third party controls. To see the full list of compatible controls, click here.

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. LED product ambient temperature is -30°C to 25°C, unless otherwise noted.

WARRANTY: limited ten (10) year warranty. Peace of Mind Guarantee against breakage.

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.

LED | PEACE OF MIND Guarantee® | ETL LISTED | IP64 | ADA

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
TMLHA12				**PP**		**DCC**			

Length
24 2'
48 4'
96 Two 4' (factory connected)

End Caps
F Flat
R Rounded
RV Reveal

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

Lens
PP Pearlescent Polycarbonate

Lamp Type
2' Lengths
25L35K 25 Watt 3500K LED
25L40K 25 Watt 4000K LED
25L50K 25 Watt 5000K LED
45L35K 45 Watt 3500K LED
45L40K 45 Watt 4000K LED
45L50K 45 Watt 5000K LED

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
150L35K 150 Watt 3500K LED
150L40K 150 Watt 4000K LED
150L50K 150 Watt 5000K LED

Driver Type
DCC Dimming Constant Current

Voltage
120 120 Volts
277 277 Volts
347 347 Volts
DV 120-277 Volts

Options
LEL Integral 8.4W Emergency Battery Backup (45L max, 0°C minimum operating temperature, 4' only, n/a with 347V)
CDF Captive Diffuser Fasteners
DL Damp Location (Interior use NO gasketing)
FS Single Fuse & Holder (one per circuit)
NAT Natatorium Environment Option
PH Phillips Head Fasteners
PM Pendant Mount (stems by others; damp only)

Accessories
CMB Corner Mount Bracket (damp only)

KENALL®
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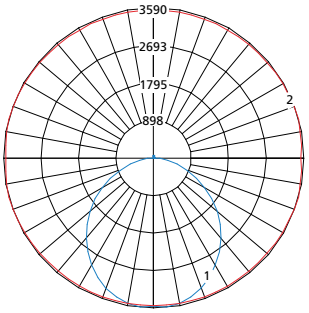
TMLHA12 SERIES

PERFORMANCE

Length	Lamp Type	Initial Delivered Lumens @ 25°C	Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L_{70} LED Life (Hrs)
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 for IES files and additional information.

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

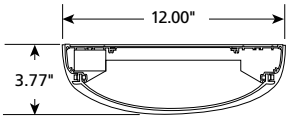


Maximum Candela = 3590 Located At Horizontal Angle = 15, Vertical Angle = 5

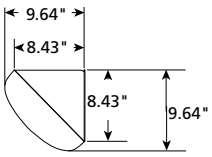
1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA

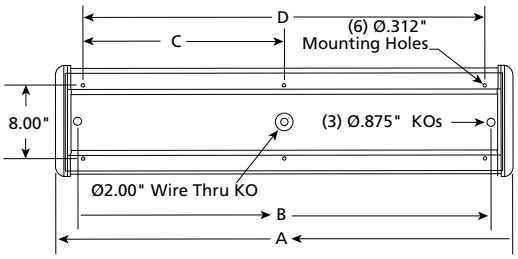
CROSS SECTION/DETAILS



CORNER MOUNT BRACKET



MOUNTING HOLES



Nominal Two Foot Fixture Legend

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

Nominal Four Foot Fixture Legend

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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