

MILLENIUM STRETCH™

PEACE OF MIND
Guarantee®



PROJECT INFORMATION

Job Name

Fixture Type

Catalog Number

Approved by

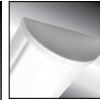
MLHA8 SERIES

PRODUCT FEATURES:

- » Surface mount – wall or ceiling; nominal 8"×24", 8"×36" 8"×48", 8"×72", 8"×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.

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.

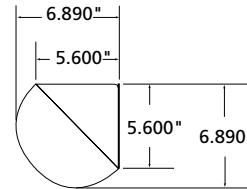
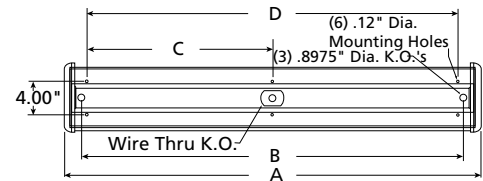
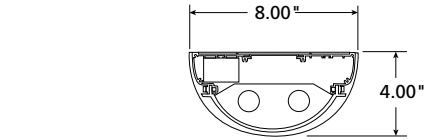
HARDWARE: Stainless steel, tamper-resistant Torx fasteners secure lens in housing body's lens channel (four on 24", 36", and 48" housings; eight on 72" and 96" housings).

ELECTRICAL: Class P ballasts. Fluorescent electronic 120/277/347 and dual voltage ballasts high power factor. Replaceable high-brightness LED array in 4000K, 5000K and 5700K color temperatures. 120-277V AC high power factor constant current driver. 0-100% dimming with compatible 0-10V current-sink dimmer. Compatible with Kenall SmartSense™ control system.

INSTALLATION: Standard four-point (24" housing), six-point (36" and 48" housing) and twelve-point (72" and 96" housing) mounting required for Peace of Mind Guarantee®.

PATENT: U.S. Patent Nos. 6,984,055 and 7,494,241.

LISTINGS: UL and CUL listed for Wet Location – covered ceiling mount. UL certified IP64 in compliance with IEC 60598 – ceiling mount. Corner, horizontal wall and pendant mount installation – damp location only. ADA compliant. All Kenall SSL Luminaires are tested to the IESNA LM-79-08 standard requiring spectroradiometric measurements for CRI and CCT as well as goniophotometric measurements for lighting distributions and total luminous flux.



CORNER MOUNT BRACKET



LENS LOCKUP
DETAIL

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

Nominal Three Foot Fixture Legend

LMP	End Cap	A	B	C	D
T8	R	38.524	34.312	16.500	33.000
T8	F	34.312	34.312	16.500	33.000
T8	RV	40.632	34.312	16.500	33.000
T5	R	36.751	32.540	16.344	32.688
T5	F	35.535	32.540	16.344	32.688
T5	RV	38.859	32.540	16.344	32.688

Nominal Four Foot Fixture Legend

LMP	End Cap	A	B	C	D
T8/LED	R	50.524	46.312	22.500	45.000
T8/LED	F	49.308	46.312	22.500	45.000
T8/LED	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

ORDERING INFORMATION

Model	Length	End Cap	Finish	Lens	Lamp Qty	Lamp Type	Ballast Type	Circuit Qty	Voltage	Options	Accessories
MLHA8											

Length

24	2'
36	3'
48	4'
72	Two 3' (factory connected)
96	Two 4' (factory connected)

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
3	Three (T8 or T5 only)

Lamp Type

2' Lengths

14	F14T5 (rapid start only)
17	F17T8
24	F24T5HO (rapid start only)

3' Lengths

21	F21T5 (rapid start only)
25	F25T8
39	F39T5HO (rapid start only)

4' Lengths

50L40K	50 Watt 4000K LED (1/DCC/120-277V/-40°F)
50L50K	50 Watt 5000K LED (1/DCC/120-277V/-40°F)
50L57K	50 Watt 5700K LED (1/DCC/120-277V/-40°F)
100L40K	100 Watt 4000K LED (1/DCC/120-277V/-40°F)
100L50K	100 Watt 5000K LED (1/DCC/120-277V/-40°F)
100L57K	100 Watt 5700K LED (1/DCC/120-277V/-40°F)
28	F28T5 (rapid start only)
32	F32T8
54	F54T5HO (rapid start only)
54A	F54T5HO amalgam (rapid start only)

Ballast Type

IS	Instant Start Electronic <10% THD (T8)
RS	Rapid Start Electronic <10% THD (T8,T5,T5HO)
SB	Specified Ballast
DCC	Dimming Constant Current (LED)

Circuit Quantity

1	One
2†	Two (2 Ballast minimum)(n/a with LED)

Voltage

120	120 Volts
277	277 Volts
347	347 Volts (T8,T5HO)
DV	120-277 Volts

Options

EL▲▼	• § 500 Minimum Lumen Battery Pack (90 Minutes; 32°F Starting Temp)
PEL▲	• § 1100 Minimum Lumen Battery Pack (90 Minutes; 32°F Starting Temp)
LEL	LED Emergency Battery Backup (50L max)
CDF	Captive Diffuser Fasteners
CMB	Corner Mount Bracket (damp only)
DL	Damp Location (Interior use NO gasketing)
FS	Single Fuse & Holder (one per circuit)
NAT§	Natatorium Environment Option
NSF	National Sanitation Foundation Listed
PH	Phillips Head Fasteners
PM§	Pendant Mount (stems by others; damp only)

Options (cont.)

- TN§ • Twin Tube Night Light – 5/7/9 watts (120V only)
- UC§ • Uplight Component (Pendant Mount only; stems by others; damp only)

Accessories

- 9500 Torx® Screwdriver
- D-0552 Torx Driver Bit (Required for CMB Option)

- † n/a on 2' T5/T5HO or 3' T5HO fixtures 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



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