

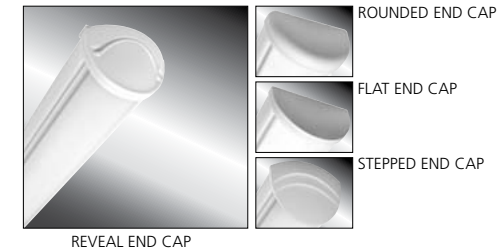
PROJECT INFORMATION

Job Name _____
 Fixture Type _____
 Catalog Number _____
 Approved by _____

**MILLENIUM STRETCH™
 MLHA5 SERIES – INDIVIDUAL**

PRODUCT FEATURES:

- » Surface mount – ceiling, wall; 5" x24", 36", 48", 72" and 96"
- » Extruded aluminum housing with decorative end caps
- » Low-profile –ADA compliant
- » Peace of Mind Guarantee® against breakage



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

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

PATENT: No. 6,984,055; No. 7,494,241; No. 8,550,656.

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.

WARRANTY: One (1) year warranty against defects in materials and workmanship. Five (5) year warranty on LED lamps and driver for defects resulting in a fixture lumen depreciation of 30% or greater.

LISTINGS: Luminaire is certified to UL Standards by Intertek Testing Laboratory for wet location – covered ceiling mount. Corner, horizontal wall, vertical wall and pendant mount installation – damp location only. ETL certified IP64 in compliance with IEC 60598 – ceiling mount. ADA compliant.



ORDERING INFORMATION (Ex: MLHA5-48-F-MB-CP-1-50L40K-DCC-1-DV-FS)

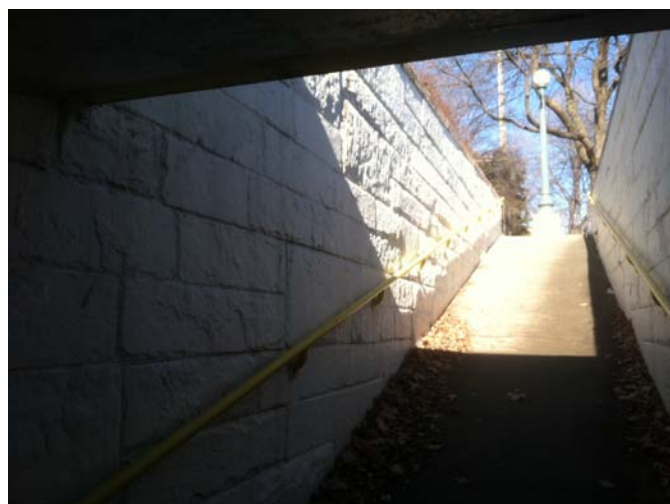
Model	Length	End Cap	Finish	Lens	Lamp Qty	Lamp Type	Ballast/Driver Type	Circuit Qty	Voltage	Options	Accessories
MLHA5											
Length	24 2'										
	36 3'										
	48 4'										
	72 Two 3' (factory connected)										
	96 Two 4' (factory connected)										
End Caps											
	F Flat										
	R Rounded										
	RV Reveal										
	SP Stepped										
Finish											
	LG Light Gray										
	MB Matte Black										
	MW Matte White										
	CC Custom Color (Consult Factory)										
Lens											
	CP Clear Polycarbonate										
	PP Pearlescent Polycarbonate										
Lamp Quantity (Cross Section)											
	1 One										
	2± Two										
Lamp Type											
2' Lengths											
	14 F14T5										
	17 F17T8										
	24 F24T5HO (120/277V only)										
3' Lengths											
	21 F21T5										
	25 F25T8										
	39 F39T5HO (120/277V 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)										
	28 F28T5										
	32 F32T8										
	54 F54T5HO										
	54A F54T5HO amalgam										
Ballast/Driver Type											
	DCC Dimming Constant Current (LED Only)										
	IS Instant Start Electronic <10% THD (T8)										
	RS Rapid Start Electronic <10% THD (T8, T5, T5HO)										
	SB Specified Ballast										
Circuit Quantity (n/a with LED)											
	1 One										
	2± Two										
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 Temperature)										
	PEL*± 1100 Minimum Lumen Battery Pack (90 Minutes; 32°F Starting Temperature)										
	CDF Captive Diffuser Fasteners										
Options (cont'd)											
	CMB Corner Mount Bracket (damp only)										
	DL Damp Location (Interior use NO gasketing)										
	FS Single Fuse & Holder										
	NAT Natatorium Environment Option										
	PH Phillips Head Fasteners										
	PM Pendant Mount (stems by others; damp only)										
Accessories											
	9500 Torx® Screwdriver										
	D-0552 Torx® Driver Bit (Required for CMB Option)										
	† n/a on 2' fixtures with EL option.										
	‡ 347V n/a with EL or PEL options.										
	■ 2' Fixtures have minimum 350-450 lumen battery pack. n/a with (2) T5HO lamps.										
	● n/a on 2' fixtures, 3' fixtures with T5 or T8 lamping, or with (2) T5HO lamps.										
	± n/a with LED										



CONCRETE PATCHING



EXISTING LIGHT FIXTURES



SUGGESTED FIXTURE SPECIFICATIONS

EXISTING PHOTOS

Summer 2015



www.kenall.com P: 800-4-Kenall F: 847-360-1781 1020 Lakeside Drive Gurnee, Illinois 60031

When you see this image, you will know the Kenall product shown or described is designed and manufactured in the USA with components purchased from US suppliers, and meets the Buy American requirements under the ARRA. Kenall has not determined the origin of its domestically purchased components or the subcomponents thereof. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. © 2014 Kenall Mfg. Co. All rights reserved.

MLHA5-012814