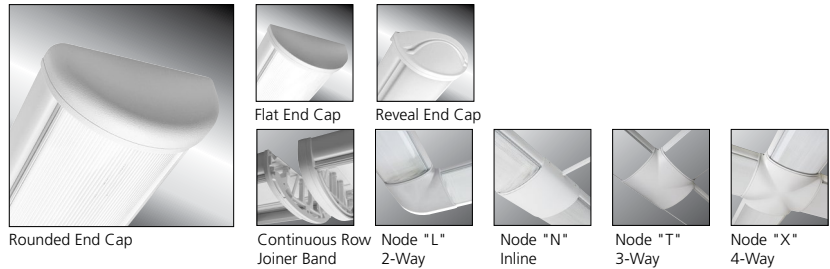


MILLENIUM STRETCH™

MLHA8 SERIES – GEOMETRIC/CONTINUOUS RUN

PRODUCT FEATURES:

- » Surface or suspended ceiling lighting system with customizable geometric configurations
- » Extruded aluminum housing with die-cast 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. Each pattern run of luminaires consists of one or more "L", "N", "T", or "X" node. See ordering information to specify quantities. NOTE: Contact factory for pattern layout details.

OPTIC: UV-Stabilized, high-efficiency diffused polycarbonate with smooth exterior and linear prismatic interior. Lens securely positioned in body channels and endcaps, locked into place with concealed tamper-resistant Torx® T-20 with center pin fasteners.

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).

NODES: Marine grade cast aluminum cover mounted to 18-gauge mounting plate. Cover includes knockouts for Wiremold™ entry (not available in "X" 4-way node).

HARDWARE: Four stainless steel, tamper-resistant Torx® fasteners secure lens in housing body's lens channel.

LED MODULE: Serviceable mid-power LED array. Minimum 80 CRI standard (R9>0), consult factory for optional 90CRI (R9>50). Maximum three-step MacAdam ellipse variation. See Ordering Information for available color temperature options.

DRIVER: 120-277VAC or 347VAC, 50/60Hz electrical input with serviceable constant-current driver (<20% THD, >0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities; 0.4mA maximum source current.

SENSOR & CONTROLS: Optional sensor available with compatible third party controls. To see the full list of compatible controls, [click here](#).

INSTALLATION: Standard six-point mounting per unit length required for Peace of Mind Guarantee®.

WARRANTY: Limited ten (10) year LED warranty. [Peace of Mind Guarantee against breakage](#).

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratories for Damp Location installations. ADA compliant. Suitable for use as a raceway. Suitable for use in continuous row. Luminaire tested to an IK10 impact protection rating per IEC 60068-2-75:1997-08. Build America, Buy America Act compliant.



ORDERING INFORMATION (Ex: MLHA8GMS-7/48-4/L-2/T-0/X-0/N-LG-PP-45L35K-DCC-DV-PM)

Model	Fixture Qty	Node L	Node T	Node X	Node N	End Cap*	Finish	Lens	Lamp Code	Driver Type	Voltage	Options			
MLHA8GMS	/48	/L	/T	/X	/N			PP		DCC					
Fixture Quantity (replace "x" with qty) (x)/48 4' Nominal Unit		Node L (replace x with qty) (x)/L Node "L" 2-Way Intersecting		Node T (replace x with qty) (x)/T Node "T" 3-Way Intersecting		Node X (replace x with qty) (x)/X Node "X" 4-Way Intersecting		Node N (replace x with qty) (x)/N Node "N" Inline		End Caps* (if required) R Rounded F Flat RV Reveal			Lamp Code 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		
						Finish MW Matte White MB Matte Black LG Light Gray CC Custom Color (Consult Factory)		Lens PP Pearlescent Polycarbonate		Driver Type DCC 0-10V Dimming Constant Current			Input Voltage DV 120-277VAC, 50/60Hz 347 347VAC, 60Hz		
										Options LEL▲ Integral 10W Emergency Battery Backup FS Single Fuse & Holder PH Phillips Head Fasteners PM Pendant Mount (max 3/8" NPT stems, by others; damp only) XC Auxiliary Circuit					

▲ 45L max; 0°C minimum operating temperature; n/a with 347V;
consult factory to specify location of battery pack within run
* Leave blank if desired geometric pattern is a closed loop (i.e. four-sided rectangle or digital "8" pattern)



MILLENIUM STRETCH™

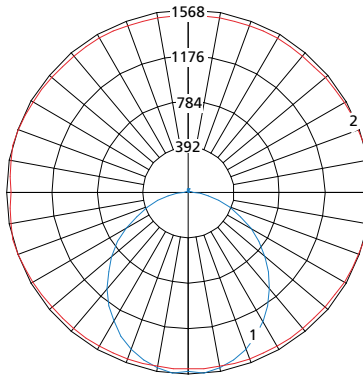
MLHA8 SERIES – GEOMETRIC/CONTINUOUS RUN

PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L35K	4,758	97	49	100	150,000
45L40K	5,072	104	49	100	150,000
45L50K	5,072	104	49	100	150,000
67L35K	7,284	100	73	75	150,000
67L40K	7,765	106	73	75	150,000
67L50K	7,765	106	73	75	150,000
90L35K	9,252	94	98	100	150,000
90L40K	9,864	101	98	100	150,000
90L50K	9,864	101	98	100	150,000

Visit www.kenall.com for IES files and additional information. Information is subject to change without notice.

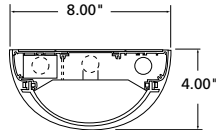
Model: MLHA8-48-F-MW-PP-45L40K-DCC-DV



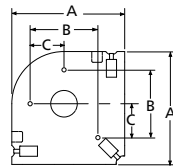
Maximum Candela = 1568 Located At Horizontal Angle = 15, Vertical Angle = 5

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

DIMENSIONAL DATA

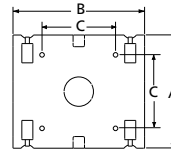


Please provide reflected ceiling plans to factory for dimensional data and factory supplied fixture layout with mounting information. Dimensions A and B are outside dimensions. Dimension C is mounting holes.



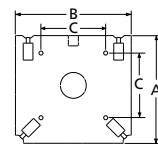
"L" NODE

Dimensions				Part #
A	B	C		
8.33"	5.00"	2.50"		ML8L



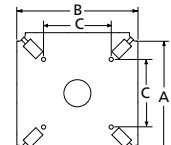
"N" NODE

Dimensions				Part #
A	B	C		
7.70"	8.95"	5.00"		ML8N



"T" NODE

Dimensions				Part #
A	B	C		
8.33"	8.95"	5.00"		ML8T



"X" NODE

Dimensions				Part #
A	B	C		
8.95"	8.95"	5.00"		ML8X

Dimensions A and B are outside dimensions. Dimension C is mounting holes.



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 This product is able to comply with the latest domestic preference legislation, such as the Buy American Act (BAA), Trade Agreement Act (TAA), Build America, Buy America Act (BABA), and others. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2025 Kenall Mfg. Co.

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