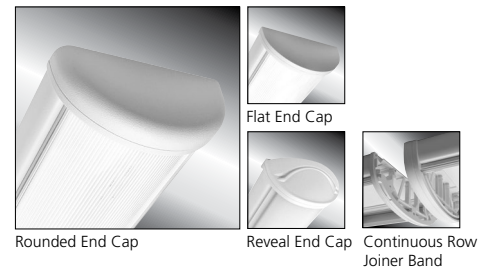


MILLENIUM STRETCH™

MLHA8 SERIES – STRAIGHT CONTINUOUS RUN

PRODUCT FEATURES:

- » 8" linear, continuous-run luminaire for surface ceiling, wall or suspended pendant-mounting
- » 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. Each linear run of luminaires consists of one Beginning of Run Luminaire (B), one or multiple Middle Luminaire(s) (M), and one End of Run Luminaire (E). Specify and/or order systems per linear run (i.e. (1)B48, (5)M48, (1)E48). NOTE: Contact factory for custom lengths.

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).

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 section 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.

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 Wet Location installations. IP64 rating per IEC60598 – ceiling mount. Corner, horizontal wall and pendant mount installation – Damp Location only. 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: MLHA8S-B48-2/M48-E48-R-MW-PP-45L40K-DCC-DV-FS)

Model	Begin Unit	Inner Unit(s)	End Unit	End Cap	Finish	Lens	Lamp Code	Driver	Voltage	Options	Accessories
MLHA8S	B48	/M48	E48			PP		DCC			
Beginning of Run Unit Length			End Caps			Lamp Code			Options		
B48	4' Nominal		R	Rounded		45L35K	45 Watt 3500K LED		LEL ▲ Integral 10W Emergency Battery Backup		
			F	Flat		45L40K	45 Watt 4000K LED		1RW First Isolated Raceway		
Inner Unit Qty / Length			RV	Reveal		45L50K	45 Watt 5000K LED		CDF Captive Diffuser Fasteners		
(replace "x" with qty)						67L35K	67 Watt 3500K LED		DL Damp Location (Interior use NO gasketing)		
(x)/M48	4' Nominal		Finish			67L40K	67 Watt 4000K LED		FS Single Fuse & Holder		
			MW	Matte White		67L50K	67 Watt 5000K LED		NAT Natatorium Environment Option		
End of Run Unit Length			MB	Matte Black		90L35K	90 Watt 3500K LED		PH Phillips Head Fasteners		
E48	4' Nominal		LG	Light Gray		90L40K	90 Watt 4000K LED		PM § Pendant Mount (max 3/8" NPT stems, by others; damp only)		
			CC	Custom Color (Consult Factory)		90L50K	90 Watt 5000K LED		XC Auxiliary Circuit		
			Lens			Driver Type			NLW 2700K White LED Night Light (n/a with 347V)		
			PP	Pearlescent Polycarbonate		DCC 0-10V Dimming Constant Current			NLA Amber LED Night Light (n/a with 347V)		
						Input Voltage			Accessories		
						DV	120-277VAC, 50/60Hz		CMB § Corner Mount Bracket (Must be ordered with DL Option)		
						347	347VAC, 60Hz				

▲ 45L max; 0°C minimum operating temperature; n/a with 347V; consult factory to specify location of battery pack within run
 § PM and CMB not available in conjunction



MILLENNIUM STRETCH™

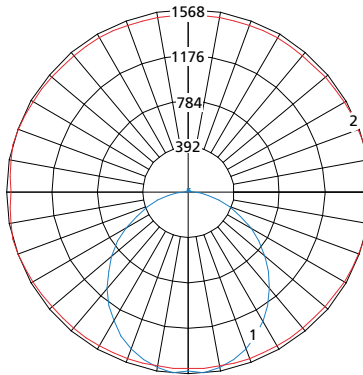
MLHA8 SERIES – STRAIGHT CONTINUOUS RUN

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

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

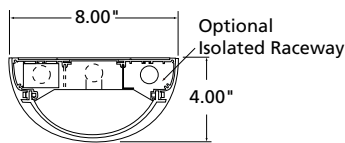
Model: MLHA8-48-F-MW-PP-45L40K-DCC-DV



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

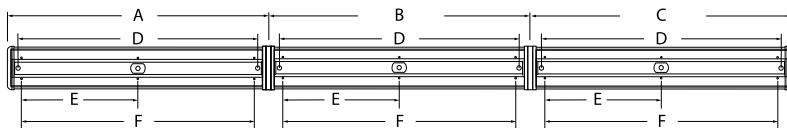
- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA

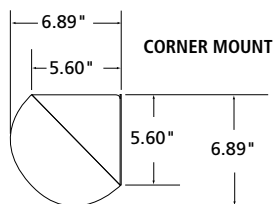


Nominal Four Foot Fixture Legend

End Cap	A	B	C	D	E	F
R	49.93	49.34	49.93	46.31	22.50	45.00
F	49.32	49.34	49.32	46.31	22.50	45.00
RV	49.02	49.34	49.02	46.31	22.50	45.00



**JOINER BAND –
REQUIRED FOR
ROW MOUNTING
(SUPPLIED)**



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