

MILLENIUM STRETCH™

MLHA8 SERIES – STRAIGHT CONTINUOUS RUN

PROJECT INFORMATION

Job Name _____

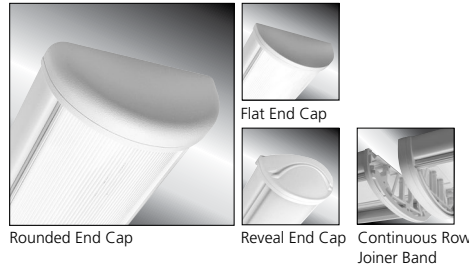
Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

- » Surface mount – ceiling or wall; 8" x 48"
- » Continuous row mount luminaires
- » Peace of Mind Guarantee® against breakage
- » ADA compliant



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.

REFLECTOR: Full reflector/wire cover – 97% reflectivity.

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).

HARDWARE: Four stainless steel, tamper-resistant Torx® fasteners secure lens in housing body's lens channel. Electrical Quick Connector supplied (Specify Circuit Qty, see below).

ELECTRICAL: Available 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC and 347VAC, 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 fluorescent option.

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 fixture 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 non-IC and 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.



ORDERING INFORMATION (Ex: MLHA8S-B48-2/M48-E48-R-MW-PP-45L40K-DCC-DV-FS)

Model	Begin. Hsg.	Mid. Hsg.	End. Hsg.	End Cap	Finish	Lens	Lamp Type	Driver	Voltage	Options	Accessories
MLHA8S	B48	/M48	E48					DCC			
Beginning of Run Housing Style			End Caps			Lamp Type			Options		
B48 Nominal 48" housing			R Rounded			45L35K 45 Watt 3500K LED			LEL Integral 10W Emergency Battery Backup (45L max, 0°C minimum operating temperature, n/a with 347V)		
			F Flat			45L40K 45 Watt 4000K LED					
			RV Reveal			45L50K 45 Watt 5000K LED					
Middle Fixture(s) Housing Style (replace "x" with qty) (x)/M48 Nominal 48" housing(s)			Finish			67L35K 67 Watt 3500K LED			1RW First Isolated Raceway		
			MW Matte White			67L40K 67 Watt 4000K LED			CDF Captive Diffuser Fasteners		
			MB Matte Black			67L50K 67 Watt 5000K LED			DL Damp Location (Interior use NO gasketing)		
Ending of Run Housing Style			LG Light Gray			90L35K 90 Watt 3500K LED			FS Single Fuse & Holder		
E48 Nominal 48" housing			CC Custom Color (Consult Factory)			90L40K 90 Watt 4000K LED			NAT Natatorium Environment Option		
			PP Pearlescent Polycarbonate			90L50K 90 Watt 5000K LED			PH Phillips Head Fasteners		
						Driver Type			PM§ Pendant Mount (Max. 3/8NPT stems by others; damp only)		
						DCC Dimming Constant Current Driver			XC Auxiliary Circuit		
						Voltage			NLW 2700K White LED Night Light (n/a with 347V)		
						DV 120-277 Volts			NLA Amber LED Night Light (n/a with 347V)		
						347 347 Volts			Accessories		
									CMB§ Corner Mount Bracket (Must be ordered with DL Option)		

§ PM and CMB not available in conjunction



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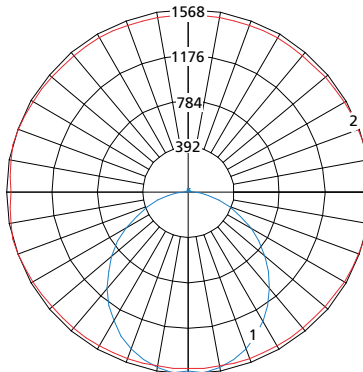
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PERFORMANCE

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 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.

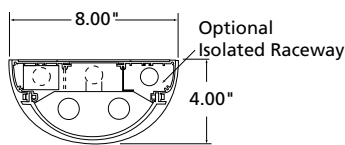
Model: MLHA8-48-F-MW-PP-45L40K-DCC-DV



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

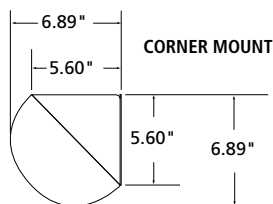
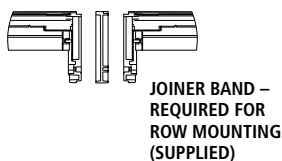
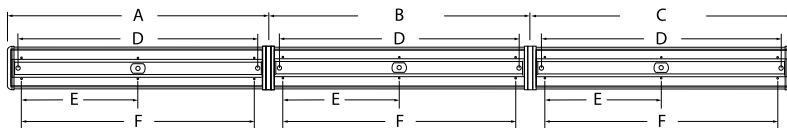
- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

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



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