

MEK

High Performance Slotted LED Wall Mount Luminaire


STANDARD
OPTIONAL


PRODUCT SPECIFICATIONS

DESCRIPTION

The MEK Series is a Slotted LED Wall Mount Linear Fixture and is a classically styled fixture fit for any interior. It is available in stand alone or continuous run application minimum of 4' increments. Driven by performance and a clean aesthetic, the MEK series represents the ultimate in simplicity; a narrow, uniform line of light. Constructed with premium materials with industry leading technology, the MEK Series is available in configurable runs. The MEK Series integrates seamlessly with today's modern building management systems. With virtually unlimited applications, the MEK Series allows architects and designers the freedom to experiment with their designs without exceeding ever decreasing energy budgets.

APPLICATIONS

The MEK Series were designed to be high quality, energy efficient LED fixtures for use in corridors, offices, government facilities, schools, and public areas.

CONSTRUCTION

The fixture is constructed of an 18 gauge cold rolled steel body. Units are shipped with die formed aluminum joiners installed for structural continuity and for attaching other units for continual runs or end caps. Architectural die cast chamfered aluminum ends for a complete designer look without exposed fasteners.

OPTICAL SYSTEM

White polyester polymer finish with a high reflectivity. Forward throw optics designed specifically for wall mount applications.

ELECTRICAL SYSTEM

0-10V 1% dimming driver included standard. Long-life LED system rated for >100K life hours (L70 @ 25°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards.

MOUNTING

The units mount to a wall bracket that compensates for uneven surfaces and allows for recessed electrical boxes.

LISTINGS

Independently tested to IESNA LM-79 and LM-80 specifications. UL and cUL Listed. Damp location rated.

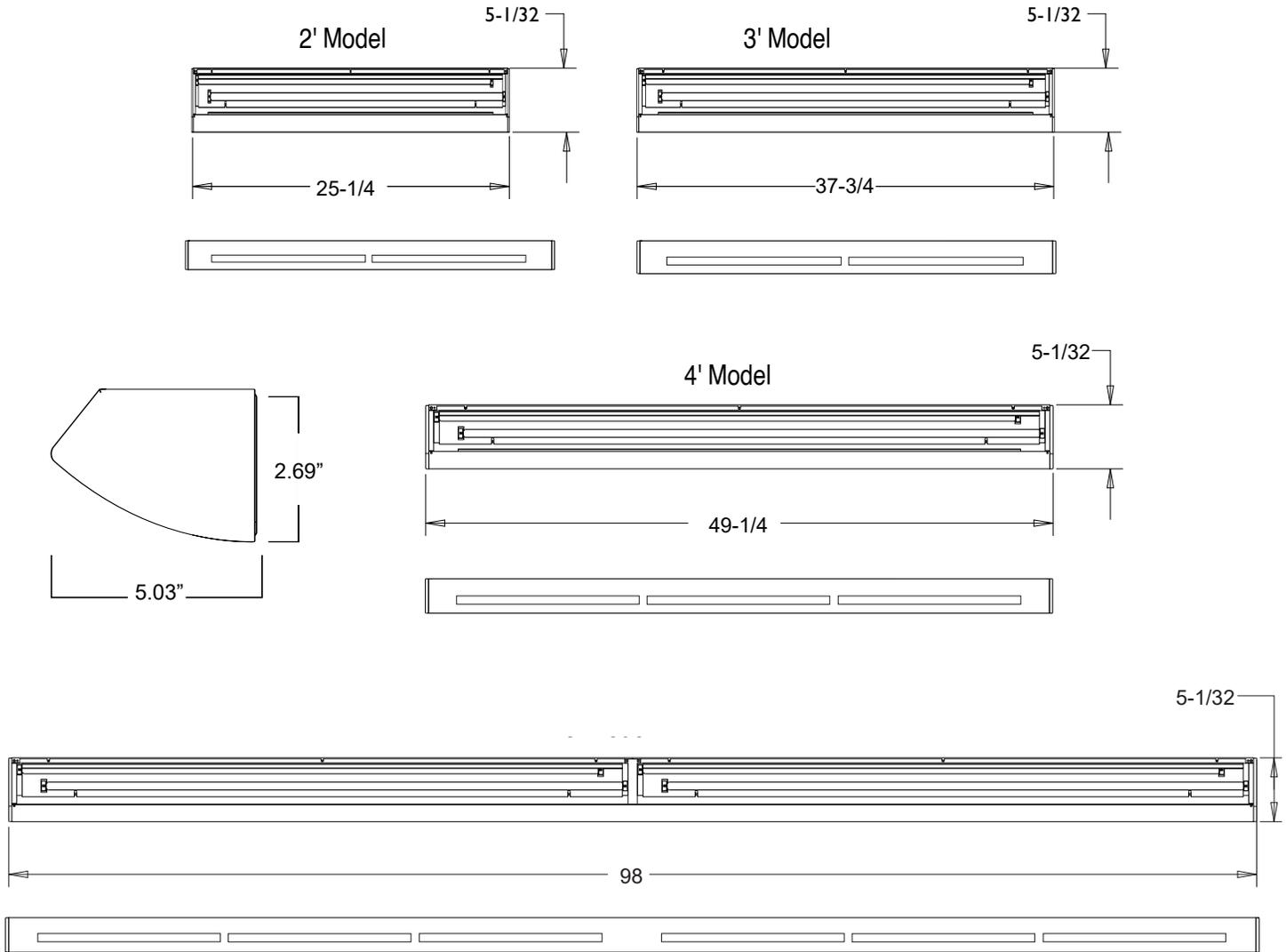
WARRANTY

5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty.

ORDERING INFORMATION

Example: MEK-40-S-20/80-M-3

SERIES	COLOR TEMP	OUTPUT LEVEL	ILLUMINATION DISTRIBUTION UP/DOWN	VOLTAGE	LENGTH	OPTIONS	HARNES OPTIONS
MEK	27 2700K	S Standard	100/0 100 up, 0 down	M 120/277 VAC	2 2'	14EBL 14 Watt	FW 6' Flexible Armoured Cable
	30 3000K	HS High Standard	90/10 90 up, 10 down		3 3'		
	35 3500K	M Medium	80/20 80 up, 20 down		4 4'	Antimicrobial white paint	C10SJ 10' SJ Flex Whip 16/3
	40 4000K	HM High Medium	70/30 70 up, 30 down		8 8'		
	50 5000K		60/40 60 up, 40 down		XX Indicate Row Length in 4' increments		
			50/50 50 up, 50 down				
			40/60 40 up, 60 down				
			30/70 30 up, 70 down				
			20/80 20 up, 80 down				
			10/90 10 up, 90 down				
		0/100 0 up, 100 down					

FIXTURE DIMENSIONS

LED SYSTEM DATA

Output	Delivered Lumens Per Foot	System Wattage Per Foot	CRI	LPW
Standard	506 Lm/Ft	3.3	82	148
High Standard	709 Lm/Ft	5.1	82	139
Medium	965 Lm/Ft	6.9	82	140
High Medium	1,468 Lm/Ft	10.3	82	143

Additional Lumen options available add desired lumens to end of part #
 e.g. MEK40MSMW43500

ENERGY AND PERFORMANCE DATA

Input Voltage	120/277 VAC
Standard Dimming Control	0-10V
CCT	2700, 3000, 3500, 4000, 5000 Kelvin
CRI	82 (minimum)
Life Time Rating	>100,00 hrs at L70
Input Frequency	50/60Hz
Power Factor	>0.9
Operating Temp	Low Ambient -20°C/ High Ambient 50°C

Quick reference Output Guide Standard		
Length	Lumens	Wattage
2 Foot	1012	6.6
3 Foot	1518	9.9
4 Foot	2024	13.2
6 Foot	3036	19.8
8 Foot	4048	26.4

Quick reference Output Guide High Standard		
Length	Lumens	Wattage
2 Foot	1418	10.2
3 Foot	2127	15.3
4 Foot	2836	20.4
6 Foot	4254	30.6
8 Foot	5672	40.8

Quick reference Output Guide Medium		
Length	Lumens	Wattage
2 Foot	1930	13.8
3 Foot	2895	20.7
4 Foot	3860	27.6
6 Foot	5790	41.4
8 Foot	7720	55.2

Quick reference Output Guide High Medium		
Length	Lumens	Wattage
2 Foot	2936	20.6
3 Foot	4404	30.9
4 Foot	5872	41.2
6 Foot	8808	61.8
8 Foot	11744	82.4