

LSMF

High Quality Surface Mount Luminaire



STANDARD

OPTIONAL



PRODUCT SPECIFICATIONS

DESCRIPTION

The LSMF Series is an architecturally designed surface mount LED luminaire. The LSMF Series is available in 1x4, 2x2, and 2x4 body sizes. It was designed for standard surface mounting applications. Multiple lensing options are available, including diffusers and parabolic cubes. Driven by performance and a clean aesthetic, the LSMF is constructed from premium materials with industry leading technology. This luminaire is designed to integrate seamlessly with today's modern building management systems.

APPLICATIONS

The LSMF Series are designed to be high quality, energy efficient LED fixtures for use in commercial spaces, offices, government facilities, schools, and public areas.

CONSTRUCTION

The fixture is constructed of a heavy gauge cold rolled steel body. Housing embossed for maximum rigidity. Rounded side flanges for safe handling. Whiter polyester powder-coat finish standard.

OPTICAL SYSTEM

White polyester polymer finish with a minimum 93% reflectivity. A variety of lensing options are available for this luminaire.

ELECTRICAL SYSTEM

Electronic drivers are available for 120/277V applications, 0-10v dimming driver standard. Long-life LED system rated for >100K life hours (L70 @ 45°C). Complies with federal energy efficiency standards.

MOUNTING

This fixture is designed for surface mounting.

DOOR FRAME

Available with an optional Vandal Resistant Door Frame.

LISTINGS

UL and cUL Listed. Damp location rated. Manufactured in the USA, BAA compliant.

WARRANTY

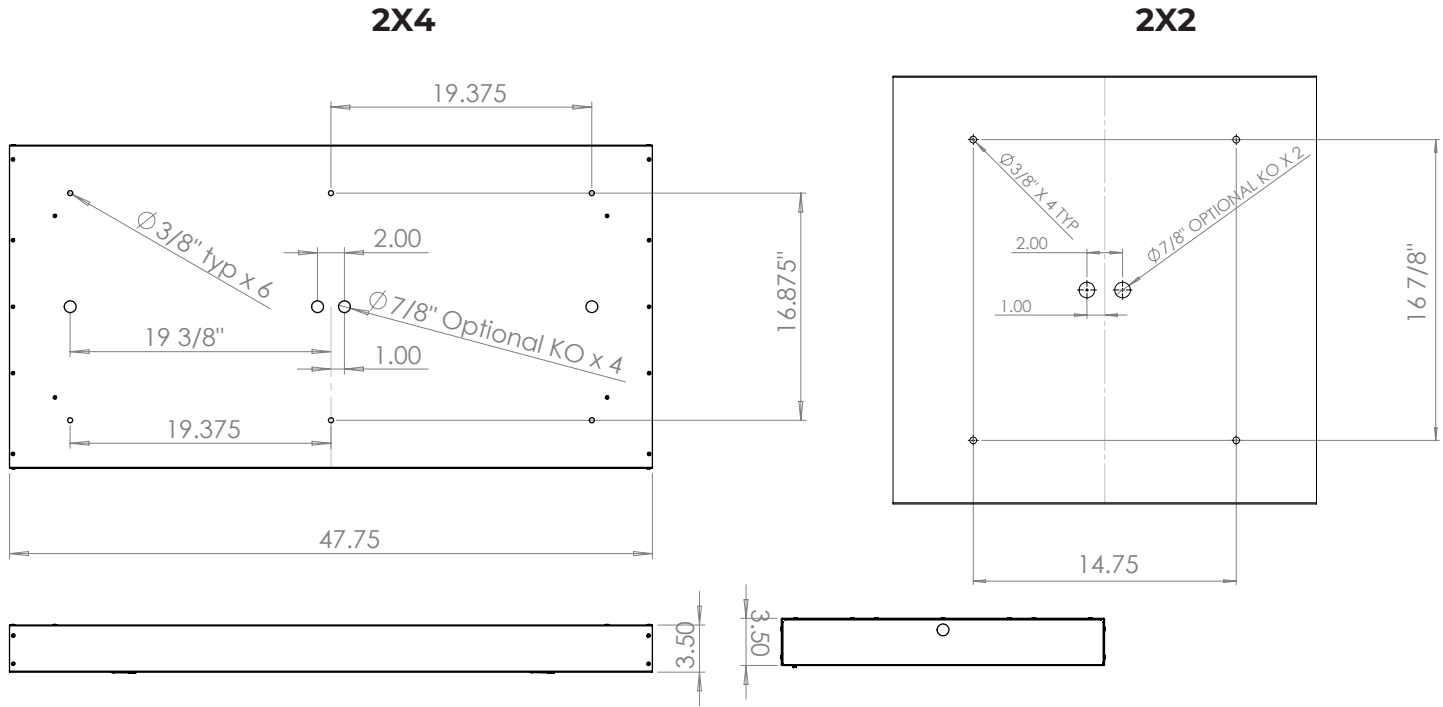
5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty.

ORDERING INFORMATION

Example: LSMF2-40-HL-S-M

SERIES	COLOR TEMP	ILLUMINATION LEVEL	REFLECTOR OPTIONS	VOLTAGE	DOORFRAME	OPTIONS
LSMF1 1x4	30 3000K	SL Standard Low	A .100 #12 Acrylic	M Multi-Volt (120-277VAC)	Blank None	12EBL 1200 Lumen Emergency
LSMF2 2x2	35 3500K	ML Medium Low	A12 .125 #12 Acrylic		VR Vandal Resistant Doorframe	2C Dual Circuit (2 Drivers)
LSMF4 2x4	40 4000K	HL High Low	A19 .156 #19 Acrylic			FCS010 Lutron Vive attached fixture control (RF only for 0-10V drivers)
	50 5000K	SM Standard Medium	125P .125 Clear Polycarbonate			
		MM Medium Medium	156P .156 Clear Polycarbonate			
		HM High Medium	S Satin Lens			
		SH Standard High				
		MH Medium High				
		HH High High				

FIXTURE DIMENSIONS



ENERGY AND PERFORMANCE DATA

Input Voltage	120/277VAC
System Input Power	33 - 179 Watts*
Delivered Lumen Output	4650 - 25000 Lumens
Standard Dimming Control	0-10V
CCT	3000, 3500, 4000, 5000 Kelvin
CRI	82 (minimum)
Life Time Rating	100,000 hrs @ L70
Input Frequency	50/60 Hz
Power Factor	>0.9
Operating Temp	-30° to 50° C

*Actual wattage may differ by $\pm 5\%$ while operating 120/277V $\pm 10\%$

LED SYSTEM DATA

Output	Delivered Lumens	System Wattage	L70 @45°C (hrs)
SL	4650	33	>100K
ML	7974	57	>100K
HL	11150	80	>100K
SM	12040	86	>100K
MM	13016	93	>100K
HM	15728	112	>100K
SH	16500	118	>100K
MH	20000	143	>100K
HH	25000	179	>100K

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91