

Catalog Number
Project
Type

## LSMF

High Quality Surface Mount Luminaire



### 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.

#### 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. Long-life LED system rated for >100K life hours (L70 @ 25°C). Complies with federal energy efficiency standards.

#### MOUNTING

This fixture can be surface mounted as the perfect solution for dark areas which have proven to be blocked from normal lighting patterns or natural light.

#### DOOR FRAME

Available with an optional Vandal Resistant Door Frame.

#### LISTINGS

UL and cUL Listed. Damp location rated.

#### WARRANTY

5-Year Limited Warranty. Complete warranty and terms located at [www.aelnow.com/warranty](http://www.aelnow.com/warranty).

### ORDERING INFORMATION

Example: LSMF240SMSM

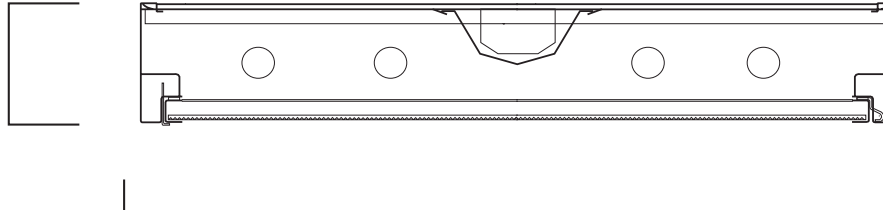
Options: 12EBL

SERIES		COLOR TEMP		ILLUMINATION LEVEL		REFLECTOR OPTIONS		VOLTAGE	
LSMF1	1x4	30	3000K	SL	Standard Low	A	.100 #12 Acrylic	M	Multi-Volt (120-277VAC)
LSMF2	2x2	35	3500K	ML	Medium Low	A12	.125 #12 Acrylic		
LSMF4	2x4	40	4000K	HL	High Low	A19	.156 #19 Acrylic		
		50	5000K	SM	Standard Medium	PC12S	1/2" x 1/2" x 1/2" Plastic Cube, Silver		
				MM	Medium Medium	PC34S	3/4" x 3/4" x 3/4" Plastic Cube, Silver		
				HM	High Medium	125P	.125 Clear Poly		
				SH	Standard High	CP8	.118 Clear Polycarbonate		
				MH	Medium High	S	Satin Lens		
				HH	High High				

DOOR FRAME		OPTIONS	
Blank	None	12EBL	1200 Lumen Emergency
VR	Vandal Resistant Door Frame	LM	Lumen Management System

### FIXTURE DIMENSIONS

3.50"



24.00"

### 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 ±5% while operating 120/277V ±10%

Output	Delivered Lumens	System Wattage	L70 @20C (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