

## LMAF2

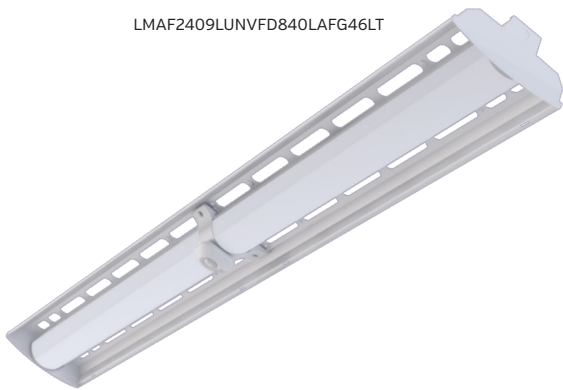
### Applications

The ISON™ LMAF2 fixture is ideal for use in low bay and high bay applications that require a suspended mounted fixture such as retail, manufacturing, distribution, and warehouses facilities. The low profile design of this LED fixture offers energy savings and low maintenance.

Project Name:	
Catalog Number:	
Type:	
Note:	
Date:	



LMAF2409LUNVFD840LAFG46LT



LMAF2818LUNVFD840LAFG92LTEN2



### Construction & Design

- Available in 4' and 8' length fixtures
- Traditional low profile housing design
- Frosted acrylic matte contoured lens available
- Lightweight aluminum body, with pre-coated white finish for better thermal dissipation

### Additional Options

- Bulk packaging standard, single pack available

### Electrical

- Available in 120v-277v, 347v and 480v
- Standard 0-10v dimming driver
- Power Factor >0.9\*
- Total Harmonic Distortion < 20%\*

\*Note: Varies based on option

### Control and Sensor Options

- Factory installed control and sensor options
- On site Network Programming
- Internet/Cloud Based Network Programming

### Lumen Maintenance

See lumen maintenance table on page 2

### Fixture Certification & Listings

- Buy American Act Compliant
- UL/cUL Listed
- UL Damp Listed
- DesignLights Consortium™ Standard qualified luminaire
- Visit the [DLC QPL](#) for listed models

### Patent Information

Orion is serious about intellectual property. This product may be covered by one or more patents. Patent information available at <http://www.orionlighting.com/about/patents/>

### Warranty

See Orion's [Product Limited Warranty](#) for more details and information

### Performance Information, 4000K, ≥80 CRI<sup>1</sup>

Nominal Lumen Code	Wattage	Input Voltage	No Lens		Frosted Lens		Input Current
			Actual Lumens	LPW	Actual Lumens	LPW	
<b>4'</b>							
09L	51w	120v	8,709lm	171	8,060lm	158	0.42A
09L	52w	277v	8,709lm	169	8,060lm	156	0.19A
09L	55w	347v	8,706lm	158	8,057lm	146	0.16A
09L	59w	480v	8,706lm	148	8,057lm	138	0.12A
<b>8'</b>							
18L	104w	120v	17,570lm	168	16,650lm	160	0.86A
18L	103w	277v	17,570lm	171	16,650lm	162	0.37A
18L	110w	347v	17,580lm	159	16,390lm	149	0.32A
18L	112w	480v	17,580lm	157	16,390lm	146	0.23A

### Lumen Maintenance with Lens<sup>2</sup>

Fixture Size	Nominal Lumen Code	Nominal Lumens	Operating Temperature	Calculated Lumen Maintenance		
				L70	L80	L90
4'	09L	9,000	25°C	172,000	104,000	45,000
			45°C	169,000	102,000	44,000
8'	18L	18,000	25°C	172,000	104,000	45,000
			45°C	170,000	103,000	44,000

### Physical Information<sup>3</sup>

Length	Width	Depth	Weight
4'	9.75"	4.00"	5.00lbs.
8'	9.75"	4.00"	10.00 lbs.

### Ambient Operating Temperatures

Nominal Lumen Code	Standard Range
All Lumen Packages	-20°C to 45°C (-4°F to 113°F)

Sensor Type	Operating Range
ENx	0°C to 45°C [32°F to 113°F]

### Additional Specification Information

<sup>1</sup> Actual performance may vary by up to ±10% of values listed; facility factors and fixture options can affect performance values

<sup>2</sup> Calculated hours based on TM-21 projections and components used at the time of testing. Warranty is not associated with Calculated Lumen Maintenance

<sup>3</sup> Weight and length will vary based on option selected

Ordering Information Example (NOTE: No dashes or spaces unless noted below)  
**LMAF2818LUNVFD840LAFG92LT**

Ordering Information (Enter Selected Catalog Number Below)

Series	Fixture Size	Nominal Lumen Code <sup>4</sup>	Voltage	Driver Type	CRI; Color Temp	Lens Options	Fixture Body Type	Factory Installed Control Options	Packaging Options
<b>LMAF2=</b> ISON Linear Bay LED Fixture, Gen 2	<b>4=</b> 4 ft. <b>8=</b> 8 ft.	<b>4 ft.</b> <b>09L=</b> 9,000lm  <b>8 ft.</b> <b>18L=</b> 18,000lm	<b>UNV=</b> 120v-277v <b>347=</b> 347v <b>480=</b> 480v	<b>FD=</b> Full Dimming	<b>840=</b> 80CRI; 4000K	<b>(blank)=</b> No Lens <b>LAFG=</b> Lens Acrylic Frosted General 120°	<b>4'</b> <b>46LT=</b> 46" Length  <b>8'</b> <b>92LT=</b> 92" Length	<b>(Blank)=</b> No Option  <b>EN2=</b> Enlighted Connected Lighting Sensor; Network Lighting Control Component, PIR Occupancy Sensor, Daylight Harvesting, High End Trim, Dimming Modes, Luminaire Level Lighting Control, Wireless Zones, Modified IEEE 802.15.4.1, BLE Radio, Temperature Sensor, Scene Control, Demand Response, Data Collection, BMS Integration, Cloud Access*  <b>EN3=</b> Enlighted IoT: All Features of EN2 - Network Lighting Control PLUS access to Apps: Space Management, Asset Tracking, and Contact Tracing Apps*  *Only available for 8' fixture models.	<b>(Blank)=</b> Bulk Pack  <b>SP=</b> Single Pack

### Additional Specification Information

<sup>4</sup> For actual lumens, see performance table

### Accessories [Factory Installed]



Enlighted Sensor Option- 8' Models Only  
[ENx]

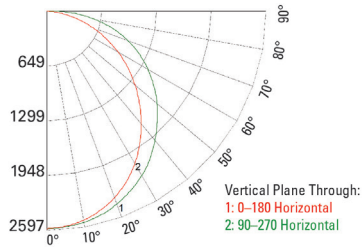
### Accessories [Field Installed]

Suspended Mounting Options	
ECAB19	19" Cables with Snap Hooks [2 Required per Fixture]
ECAB31	31" Cables with Snap Hooks [2 Required per Fixture]
HW-FC008	Hanging Cable Set of Two : Adjustable 180", Loop, Y-Fit with Snap Hooks

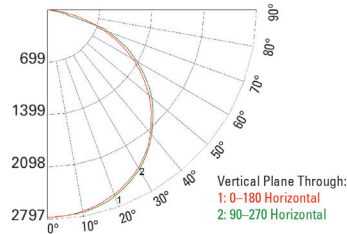
### Photometrics

Visit [orionlighting.com](http://orionlighting.com) to obtain all .IES files

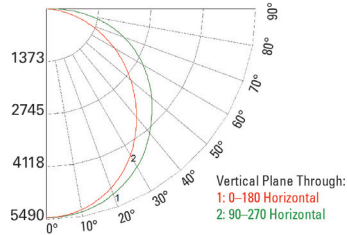
09L LAFG 840



09L No Lens 840



18L LAFG 840



18L No Lens 840

