

## LMAF1

### Applications

The ISON™ LMAF1 is ideal for use in 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.



LMAF14A1UNVFDXXLFA84046LT



LMAF18D1UNVFDXXLFA84092LT-EN

### Features

- Available in 4' and 8' length fixtures
- Frosted acrylic matte contoured lens available
- Lightweight aluminum body, with pre-coated white finish for better thermal dissipation
- Bulk packaging standard, single pack available

### Electrical

- Available in 120v-277v, 347v and 480v
- Full Dimming (0-10v) fixtures

### Ambient Operating Range

See ambient operating table on page 2

### Fixture Certification & Listings

- Buy American Act Compliant
- UL/cUL Listed
- DesignLights Consortium™ Premium qualified luminaire

### 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/>

### Rated Life

L70 > 125,000 hours

For calculated L70 hours, please contact an Orion representative

### Warranty

Orion LED ISON™ class fixtures are covered by a five-year limited warranty, ten-year limited warranty optional. Please contact Orion for additional details. Accessories and individual components are covered by separate OEM supplier warranties.

PATENT | PENDING

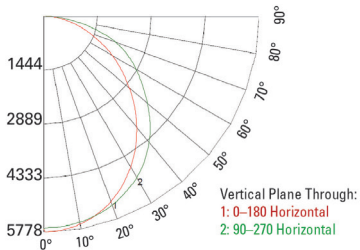


### Performance Information, No Lens<sup>2</sup>

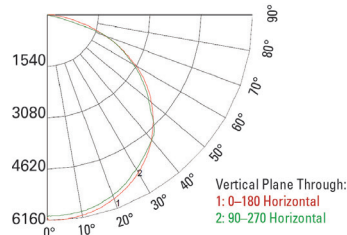
Series	Nominal Lumen Code	Actual Lumens	Input Voltage	Wattage	LPW	CCT	CRI	Input Current	Power Factor
<b>4'</b>									
LMAF1	A1	9,253lm	120v	54w	170	4000K	≥80	0.45A	>.90
LMAF1	A1	9,253lm	277v	55w	168	4000K	≥80	0.19A	>.90
LMAF1	A1	9,024lm	347v	58w	155	4000K	≥80	0.17A	>.90
LMAF1	A1	9,024lm	480v	59w	152	4000K	≥80	0.12A	>.90
<b>8'</b>									
LMAF1	D1	18,340lm	120v	107w	172	4000K	≥80	0.89A	>.90
LMAF1	D1	18,340lm	277v	106w	174	4000K	≥80	0.38A	>.90
LMAF1	D1	18,380lm	347v	112w	164	4000K	≥80	0.32A	>.90
LMAF1	D1	18,380lm	480v	114w	160	4000K	≥80	0.24A	>.90

### Photometrics

D1 LFA 840



D1 NOL 840



### Ambient Operating Temperatures<sup>4</sup>

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

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

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

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

Series	Fixture Size	Nominal Lumen Code	Voltage	Driver Type	Lens Options	CRI; Color Temp	Fixture Body Type	Factory Installed Control Options	Packaging Options
LMAF1	8	D1	UNV	FDXX	LFA	840	92LT	-EN	[Blank]

### Ordering Information

Series	Fixture Size	Nominal Lumen Code <sup>1</sup>	Voltage	Driver Type	Lens Options	CRI; Color Temp	Fixture Body Type	Factory Installed Control Options	Packaging Options
<b>LMAF1=</b> ISON Linear High Bay LED Fixture, Gen 1	<b>4=</b> 4 ft. <b>8=</b> 8 ft.	<b>4 ft.</b> <b>A1=</b> 9,000lm  <b>8 ft.</b> <b>D1=</b> 18,000lm	<b>UNV=</b> 120v-277v <b>347=</b> 347v <b>480=</b> 480v	<b>FDXX=</b> Full Dimming 0-10v <b>NDXX=</b> Non-Dimming	<b>NOL=</b> No Lens <b>LFA=</b> Lens, Frosted Acrylic	<b>840=</b> 80CRI; 4000K	<b>4'</b> <b>46LT=</b> 46" Length  <b>8'</b> <b>92LT=</b> 92" Length	<b>[Blank]=</b> No Option <b>-EN=</b> Enlighted Wireless Sensor Embedded in Driver Channel (works for fixtures mounted 40' or less) <sup>4</sup>  <sup>5</sup> Only available for 8' fixture models.	<b>[Blank]=</b> Bulk Pack <b>-SP=</b> Single Pack

### Accessories (Field Installed)

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

### Additional Specification Information

<sup>1</sup> For actual lumens, see performance table

<sup>2</sup> Actual performance may vary by up to ±10% of values listed; facility factors and fixture options can affect performance values

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

<sup>4</sup> -EN is limited to 0°C [32°F] environments. Contact Customer Service regarding additional commissioning and back end control system pricing