

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



LMAF18D1UNVFDXXLFA84092LTEN1

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

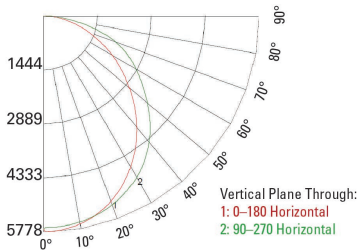


Performance Information, No Lens²

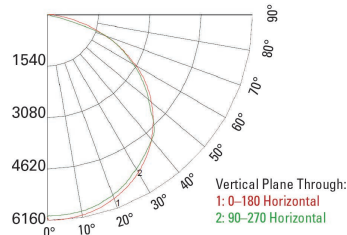
Series	Nominal Lumen Code	Actual Lumens	Input Voltage	Wattage	LPW	CCT	CRI	Input Current	Power Factor
4'									
LMAF1	A1	9,253lm	120v	54w	170	4000K	≥80	0.45A	>.90
LMAF1	A1	9,253lm	277v	55w	168	4000K	≥80	0.19A	>.90
LMAF1	A1	9,024lm	347v	58w	155	4000K	≥80	0.17A	>.90
LMAF1	A1	9,024lm	480v	59w	152	4000K	≥80	0.12A	>.90
8'									
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 Temperatures⁴

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

Physical Information³

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	EN1	[Blank]

Ordering Information

Series	Fixture Size	Nominal Lumen Code ¹	Voltage	Driver Type	Lens Options	CRI; Color Temp	Fixture Body Type	Factory Installed Control Options	Packaging Options
LMAF1 = ISON Linear High Bay LED Fixture, Gen 1	4 = 4 ft. 8 = 8 ft.	4 ft. A1 = 9,000lm 8 ft. D1 = 18,000lm	UNV = 120v-277v 347 = 347v 480 = 480v	FDXX = Full Dimming 0-10v NDXX = Non-Dimming	NOL = No Lens LFA = Lens, Frosted Acrylic	840 = 80CRI; 4000K	4' 46LT = 46" Length 8' 92LT = 92" Length	[Blank] = No Option EN1 = Enlighted One PIR Sensor, HIGH/LOW/OFF, Active Dimming And Daylighting, Wireless Grouping, See EN1 Accessories Table ^{4, 5*} EN2 = Enlighted Connected: All Features of EN1 - PLUS BLE Radio, Temperature Sensor, Scene Control, Demand Response, Data Collection, BMS Integration, Cloud Access ^{4*} EN3 = Enlighted IoT: All Features of EN2 - PLUS access to Apps: Space Management, Asset Tracking, and Contact Tracing Apps ^{4*} *Only available for 8' fixture models.	[Blank] = Bulk Pack -SP = Single Pack

Accessories (Field Installed)

EN1 Accessories Required for Commissioning ⁴	
WS-2-00-IL	Enlighted Wall Switch Room Controller - For Use with EN1 Enlighted Sensor (Quantity Needed Varies by Facility Layout and Fixture Group Size) Note: Max. of 4 switches per zone/group
LP-1-00	Green Laser for Commissioning EN1 Enlighted Sensor
Note: Contact your Orion representative regarding additional commissioning, quantities and back end control system pricing	
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

Additional Specification Information

¹ For actual lumens, see performance table

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

³ Weight and length will vary based on option selected

⁴ ENx is limited to 0°C (32°F) environments. Contact Customer Service regarding additional commissioning and back end control system pricing

⁵ EN1 allows for 75 fixtures max. per group. Contact Customer Service regarding commissioning