

LSME3

Applications

The LSME3 is a surface mount solution available in multiple configurations to fit your environment. Available in 1' x 4', 2' x 2', and 2' x 4' fixture models. The low profile design is ideal for retail, commercial, and hospitality settings.



LSME32403LUNVFD835M

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



Construction & Design

- Highly efficient surface mount solution
- Low environmental impact due to energy efficiency
- White painted aluminum body for better thermal dissipation. Aluminum pan for surface mounting is provided and ships separate
- Matte finish, acrylic contour lens diffuses glare in the work environment
- Door frame design allows for ease of maintenance

Additional Options

- Various integrated controls offered
- Dial Dimmer available for field adjustment of power and lumen output

Electrical

- Available in 120v-277v and 347v
- Full Dimming (0-10v), Step Dimming, and Lutron drivers available
- Power Factor > .90*
- Total Harmonic Distortion < 20%*

*Note: Varies based on option

Control and Sensor Options

- Factory installed control and sensor options
- Manual Programming Sensors
- Remote Programming Sensors
- Remote Programming Sensors with Zoning
- Onsite Network Programming
- Internet/Cloud Based Network Programming

Lumen Maintenance

See lumen maintenance table on page 2

Fixture Certification & Listings

- Patented LDR® design
- UL/cUL Listed
- UL/cUL Listed for Damp Locations
- Buy American Act Compliant

Patent Information

Orion is serious about intellectual property. This product may be covered by one or more patents.

Warranty

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

Performance Information, 120v, 4000K, ≥ 80 CRI¹

Nominal Lumen Code	Actual Lumens	Wattage	LPW	Input Current
1' x 4'				
02L	2,102lm	14w	152	0.12A
03L	3,238lm	21w	157	0.17A
04L	4,152lm	28w	151	0.23A
2' x 2'				
02L	2,482lm	16w	156	0.13A
03L	3,416lm	22w	158	0.18A
04L	4,756lm	29w	165	0.24A
2' x 4'				
03L	3,294lm	21w	159	0.17A
04L	4,131lm	27w	154	0.23A
06L	6,130lm	40w	154	0.34A
08L	8,262lm	52w	157	0.44A

Lumen Maintenance²

Fixture Size	Nominal Lumen Code	Nominal Lumens	Operating Temperature	Calculated Lumen Maintenance		
				L70	L80	L90
1' x 4'	02L	2,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
1' x 4'	03L	3,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
1' x 4'	04L	4,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
2' x 2'	02L	2,000	25°C	403,000	244,000	103,000
			55°C	134,000	82,000	36,000
2' x 2'	03L	3,000	25°C	403,000	244,000	103,000
			55°C	134,000	82,000	36,000
2' x 2'	04L	4,000	25°C	403,000	244,000	103,000
			55°C	134,000	82,000	36,000
2' x 4'	03L	3,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
2' x 4'	04L	4,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
2' x 4'	06L	6,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000
2' x 4'	08L	8,000	25°C	197,000	123,000	59,000
			55°C	149,000	93,000	44,000

Additional Specification Information

¹ Actual performance may vary by up to $\pm 10\%$ of values listed; facility factors and fixture options can affect performance values

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

Ordering Information Example (NOTE: No dashes or spaces unless noted below)
LSME32403LUNVFD840MSP

Ordering Information (Enter Selected Catalog Number Below)

Series	Fixture Size	Nominal Lumen Code ³	Voltage	Driver Type	CRI; Color Temp	Lens Options	Fixture Options	Control Options	Packaging Options
LSME3= HARRIS LED Surface Mount, Gen 3	14= 1' x 4' 22= 2' x 2' 24= 2' x 4'	1' x 4' and 2' x 2' 02L= 2,000lm ⁷ 03L= 3,000lm 04L= 4,000lm 2' x 4' 03L= 3,000lm 04L= 4,000lm 06L= 6,000lm 08L= 8,000lm	UNV= 120v-277v 347= 347v	FD= Full Dimming FD50= Step Dimming 50% ^{4, 5, 7, 9} FDHB= LDE1 1% Dimming EcoSystem Driver ^{5, 6, 9} FDH3= L3DA Hi-lume 1% 3-wire or Ecosystem ^{5, 6, 9}	835= 80CRI; 3500K 840= 80CRI; 4000K 850= 80CRI; 5000K	M= Opaque Matte	(Blank)= No Option BB10= Battery Back up, 10w ^{8,9} DD= Dial Dimmer ^{5,10}	(See below for part numbers and descriptions)	(Blank)= Bulk Pack SP= Single Pack

Control Options¹¹

(Blank)=
No Option

VL=
Keilton: PIR Occupancy Sensor, Daylight Harvesting, High and Low End Trim, 0-10V Dimming, IR Remote Programmable^{5,12}

VBM=
Keilton Bluetooth Mesh Network: Wireless Fixture Controller, PIR Occupancy Sensor, HIGH/LOW/OFF, 0-10v Dimming, Daylight Harvesting, High End Trim, Luminaire Level Lighting Control, Wireless Zones, Time-of-Day Scheduling, Keilton Mobile App Programmable⁵

P3=
Philips EasySense SNS210: PIR Occupancy Sensor, Daylight Harvesting, High and Low End Trim, Luminaire Level Lighting Control, Wireless Zones, SR Dimming, ZigBee, Apple iOS and Android Bluetooth App Programmable^{5,9}

EN2=
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^{5,9}

EN3=
Enlighted IoT: All Features of EN2 - Network Lighting Control PLUS access to Apps: Space Management, Asset Tracking, and Contact Tracing Apps^{5,9}

L1=
Lutron Vive: Integral RF Control, Network Lighting Control Component, Wireless Zones, DALI SR Dimming^{5,9}

L2=
Lutron Vive: Integral PIR Occupancy Sensor, Daylight Harvesting, High and Low End Trim, Network Lighting Control Component, Wireless Zones, DALI SR Dimming^{5,9}

Additional Specification Information

³ For actual lumens, see performance table

⁴ **FD50** (step dimming) option requires two separate hot leads per fixture

⁵ **FD50** (step dimming) or Lutron driver options are not available with **ENx, P3, L1, L2, DD, VL, VBM** listed under "control options" and "fixture options" section in order information

⁶ Lutron® dimming drivers require a Lutron® control system installed prior to ordering fixtures with Lutron® dimming drivers

⁷ **02L** lumen package is not available with **FD50** driver

⁸ Multiply 10 watts by the lumens per watt (LPW) of the fixture to calculate lumen output in emergency mode

⁹ Not compatible with 347v [**347**] option

¹⁰ **DD** is not compatible with sensor options

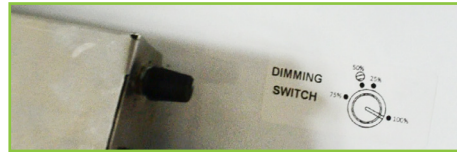
¹¹ Visit our [Lighting Controls](#) page for more information

¹² Require **RM51** remote for commissioning and/or modifying settings. See accessories table

Fixture Options (Factory Installed)



Battery Back Up (BB10)



Dial Dimmer (DD)



Integrated Enlighted Sensor (ENx)



Integrated EasySense Sensor (P3)



Integrated Lutron Vive Control (L1)



Integrated Lutron Vive Sensor (L2)



Integrated Vealite Sensor (VL)



Integrated Keilton Sensor (VBM)

Accessories (Field Installed)

VL Remote Required for Commissioning

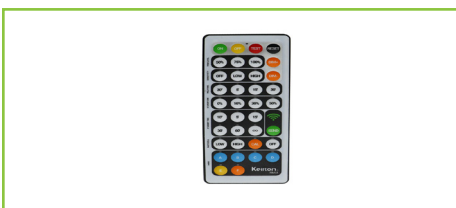
[RM51](#)

Vealite Keilton Sensor IR Remote Controller

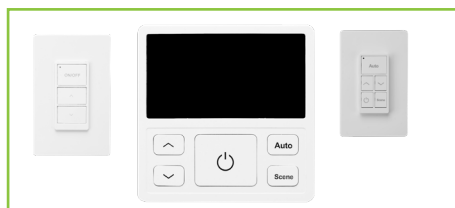
Keilton Ecosystem Accessories

All accessories can be commissioned and controlled via the Keilton app as they are part of the same ecosystem as the VBM Keilton sensors. For more information on the Keilton Ecosystem, please visit this [link](#).

WP1013	3-Key Battery Powered Bluetooth Wireless Wall Switch. Order additional WP accessory if mounting to wall.
WP1025	5-Key Battery Powered Bluetooth Wireless Wall Switch. Order additional WP accessory if mounting to wall.
WP1013S	3-Key AC Powered Bluetooth Wireless Wall Switch
WP1017S	7-Key AC Powered Bluetooth Wireless Wall Switch
WP	Wall Plate for use with wall switches WP1013 and WP1025
WP1015S	5-Key Solar Powered Bluetooth Wireless Wall Switch
WF20R	20A Bluetooth Plug Load Controller
CR01-ETC	Real Time Clock USB Dongle (Keeps Keilton devices schedules in sync in case of power loss - 1 per zone)



Handheld Sensor Remote (RM51)



Keilton Ecosystem Accessories

Physical Information¹³

Length	Width	Depth	Fixture Size	Weight
49.50"	11.20"	3.60"	1' x 4'	18.00lbs.
23.20"	23.20"	3.60"	2' x 2'	13.00lbs.
49.50"	23.20"	3.60"	2' x 4'	25.00lbs.

Ambient Operating Temperatures

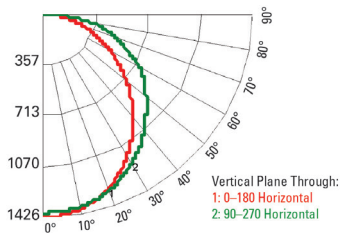
Nominal Lumen Code	Standard Range	With Battery Back Up
All Lumen Packages	0°C - 45°C [32°F - 113°F]	Min. Operating Temp. 0°C [32°F]

Sensor Type	Operating Range
VL	0°C - 45°C [32°F - 113°F]
VBM	0°C - 45°C [32°F - 113°F]
P3	0°C - 45°C [32°F - 113°F]
ENx	0°C - 45°C [32°F - 113°F]
Lx	0°C - 45°C [32°F - 113°F]

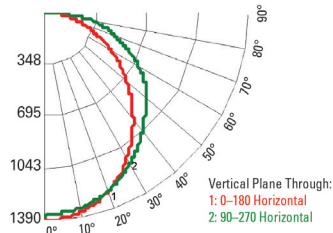
Photometrics

Visit orionlighting.com to obtain all .IES files

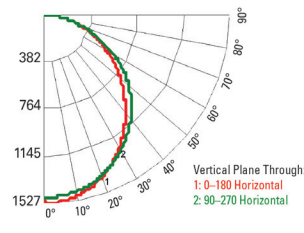
22 04L 840



24 04L 840



14 04L 840



Additional Specification Information

¹³Weight and depth will vary based on option selection