

Linear Recessed Volumetric Fluorescent Fixture

Lutron® Linear Recessed Volumetric Fixtures are cost-effective, energy-efficient fully luminous fluorescent luminaires that provides soft ambient illumination. They provide visual comfort and energy savings in settings such as offices, classrooms, medical facilities, and retail spaces. The optical design eliminates the shadowing that is common with many other recessed fluorescent fixtures.



Features

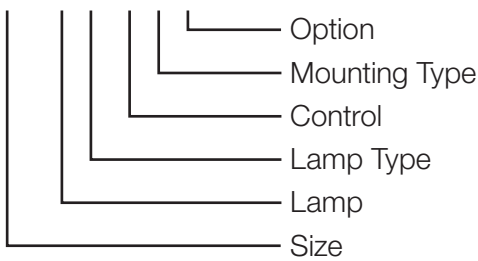
- Universal input voltage 120–277 V~
- Recessed fully luminous 2 x 2 ft or 2 x 4 ft luminaire
- White baked enamel, die-formed cold rolled steel housing
- Ballast cover/pan is finished with high-reflectance white paint
- Access plate allows for easy wiring without opening luminaire
- Frosted Linear Center Diffuser is standard
- Optional Emergency Ballast available
- IEC rated rotary locking sockets (lampholders)

Models Available

For a complete list of available model numbers, please see the **Ordering Guide** on page 3.

Configuration:

FXLRVM_SL - U - - WH



<p>Job Name:</p> <p>Job Number:</p>	<p>Model Numbers:</p>
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Specifications

Regulatory Approvals

- Approved to UL® and CSA standards

Power / Performance

- Universal input voltage 120/277 V~
- Total Harmonic Distortion (THD) <20%
- Power factor >0.9
- Class A sound rating
- Dimming range: 100% to 1% light level

Note: 50 W T5 twin-tube option is 5% dimming

Environment

- 50 °F to 104 °F (10 °C to 40 °C)
- Relative humidity less than 90% non-condensing
- For indoor/dry location only

Controls

The following controls are available for use with Lutron® dimmable fixtures:

- GRAFIK Eye® QS
- Quantum®
- Maestro Wireless®
- Nova®
- Skylark®
- Vareo®
- GRAFIK Eye®
- Energi Savr Node™
- Nova T★®
- Diva®
- Ariadni®
- PowPak™

Lamps

- Use only with lamps conforming to the IEC 60081/60901 specification; Lutron recommends Sylvania, GE, or Philips lamps for proper dimming performance
- Lamps are not included with fixture
- 2, or 3 lamps configurations available in T8, T5HE, or T5HO linear fluorescent lamp options.
- Additional lamp option for 2 ft fixture only: T5 twin-tube
- Refer to lamp manufacturer for lamp burn-in requirements

Key Design Features

- Designed to lay into standard NEMA Type G grid (suspended) T-bar ceilings
- Gypsum ceiling and surface mount options available
- Die formed cold rolled steel housing
- White baked enamel housing finish
- Extruded 3-piece smooth frosted acrylic diffuser
- Spring tension shift and remove center diffuser provides convenient lamp maintenance
- Quick access plate for convenient power connection
- EcoSystem®, EcoSystem® H-Series, and Hi-lume® 3D ballast options available
- IEC rated rotary locking sockets (lampholders)
- Smooth, continuous flicker free dimming

<p>Job Name:</p> <p>Job Number:</p>	<p>Model Numbers:</p>
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Ordering Guide

Select appropriate code in each column to complete model number.

Example: FXLRVM22SL217UEUTBXXWH

Product	Family	Fixture Type	Size	Lens	Lamp	Lamp Type	Region	Control	Mounting Type	Option	Color/ Finish
FX= Fixtures	LR= Linear Recessed	VM= Volumetric	22= 2 x 2 ft	SL= Standard	2= 2 Lamp	14= 14 W T5HE (2 ft Only)	U= UL–North America	EU= EcoSystem® H-Series 1% Dimming Ballast ¹	TB= T-bar	XX= None	WH= Matte White
			24= 2 x 4 ft		3= 3 Lamp (T8 Only)	17= 17 W T8 (2 ft Only)		3U= Hi-Lume® 3D 3-wire 1% Dimming Ballast ¹	GY= Gypsum	E1= T8/T5HE (4 ft Only) Emergency Ballast ²	
						24= 24 W T5HO (2 ft Only)			SM= Surface Mount	E3= T5HE (2 ft only) Emergency Ballast ²	
						28= 28 W T5HE (4 ft Only)				E5= T5HO Emergency Ballast ²	
						32= 32 W T8 (4 ft Only)					
						50= 50 W T5 Twin-tube ¹ (2 ft Only)					
						54= 54 W T5HO (4 ft Only)					
						RW= 25, 28, 30 W T8 Reduced Wattage (4 ft Only)					

¹ T5 twin-tube lamps can only dim to 5%

² Emergency ballast is determined by **Lamp Type**

Not for use in Quebec.

Job Name:	Model Numbers:
Job Number:	

Photometric Data

2x2 ft 2 Lamp T5HO 24 W Linear Recessed Volumetric Luminaire (FXLRVM22SL224U_-_WH)

Tested with: 2 Sylvania T5HO 24 W Lamps with 3500 CCT rated at 1750 lm each

Measured in an Integrating Sphere

LIGHT OUTPUT (lm)	2875
INPUT POWER (W)	54.8
EFFICACY (lm/W)	52.46
LUMINAIRE EFFICIENCY	82.1

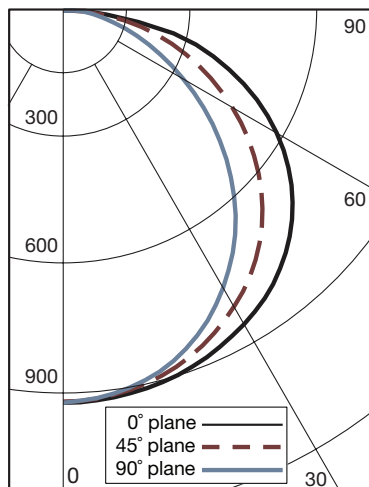
Measured with a Goniophotometer

Zonal Lumen Summary		
Zone	Lumen (lm)	% Luminaire
0-30	732	25.46
0-60	2197	76.43
0-90	2875	100.00
90-180	0	0.00
0-180	2875	100.00

Candela Table			
Angle	0°	45°	90°
0°	929	929	929
5°	922	925	927
45°	564	666	760
90°	0	0	0

Candela Plot

(measured with fixture mounted on the ceiling)



NOTES:

- Photometric data and IES files for all products available upon request. Please e-mail fixtures@lutron.com or contact Lutron® Technical Support at 1.800.523.9466.
- Photometric test results from LM-79 reports.

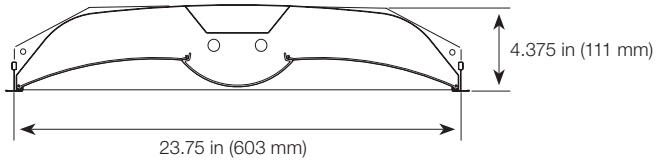
LUTRON® SPECIFICATION SUBMITTAL

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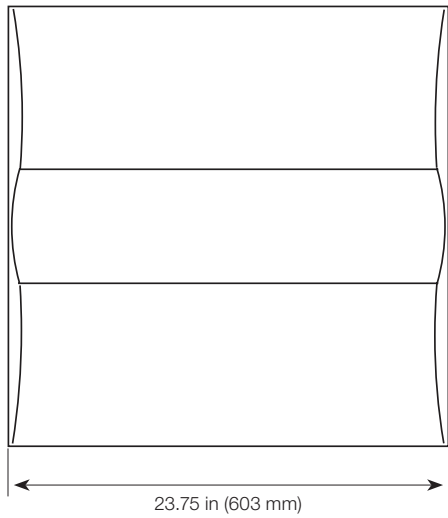
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Dimensions

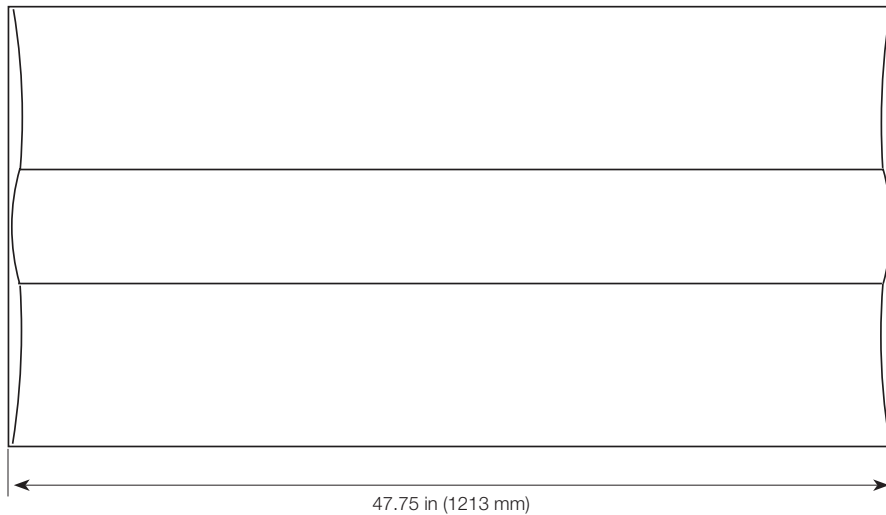
End View



2 x 2 Fixture



2 x 4 Fixture



Job Name:	Model Numbers:
Job Number:	