

Stairwell Fluorescent Fixture

Lutron® Stairwell Fluorescent Fixtures work with Lutron® Radio Powr Savr™ wireless occupancy sensors (sold separately) to save energy and lower energy costs. These easy-to-install fluorescent luminaires include a dimming ballast and wireless control device that adjusts light levels based on stairwell occupancy.



Features

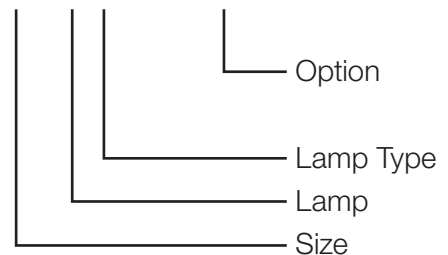
- Universal input voltage 120–277 V~
 - Architectural design with concealed wireless control device
 - Uses Lutron® 1% fluorescent dimming ballasts
 - 2 ft (0.61 m), 4 ft (1.22 m), and 8 ft (2.44 m) options available
 - Wireless control device has occupied (high-end) and unoccupied (low-end) levels that can be preset to a specific location's code requirements for lighted stairwells
 - Up to nine fixtures can have the same occupancy sensor associated to them, and up to nine occupancy sensors can be associated to a fixture within RF range
- Note:** This fixture is not compatible with Radio Powr Savr™ daylight sensors or Pico® wireless controls.
- Integral failsafe defaults to occupied light level (high-end) if occupancy sensor is unavailable
 - Emergency ballast options available
 - IEC rated rotary locking sockets (lampholders)
 - For details regarding the Lutron® Radio Powr Savr™ occupancy sensors, please visit: www.lutron.com/en-US/products/Pages/sensors/occupancy-vacancy/wirelessradiopowrsavr/overview.aspx

Models Available

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

Configuration:

FXSWXX_SL_-_U82SM_WH



Job Name:	Model Numbers:
Job Number:	

Specifications

Regulatory Approvals

- Approved to UL® and CSA standards
- Meets ASHRAE 90.1 2010 additional control (9.4.1.6)
- IGCC (International Green Construction Code) Interior Light Reduction Controls (609.3) compliant
- All models are ADA compliant

Power / Performance

Note: Luminaire rated at 100% light output.

- Universal input voltage 120–277 V~
- Total Harmonic Distortion (THD) <15%
- Power factor >0.95
- Class A sound rating

Environment

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

RF Range (sensor to wireless control device)

- 30 ft (9 m) through normal construction
- For details regarding the Lutron® Radio Powr Savr™ Occupancy sensors, please visit:
www.lutron.com/en-US/products/Pages/sensors/occupancy-vacancy/wirelessradiopowrsavr/overview.aspx

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
- T8, T5HE, T5HO, and reduced wattage T8 lamp options
 - 2 ft (0.61 m) and 4 ft (1.22 m) fixtures available in 1 or 2 lamp configurations
 - 8 ft (2.44 m) fixtures available in 2 or 4 lamp configurations
- Refer to lamp manufacturer for lamp burn-in requirements

Key Design Features

- 2 ft (0.61 m), 4 ft (1.22 m), and 8 ft (2.44 m) options available
- Lutron® wireless control device with field-adjustable high-end occupied level and low-end unoccupied level with factory default settings of 80% (occupied) and 20% (unoccupied)
- Compatible with all Lutron® Radio Powr Savr™ wireless occupancy sensors
- Ceiling- or wall surface-mount
- Housing: 20 gauge white high-reflective pre-painted steel
- Frosted acrylic lens standard
- IEC rated rotary locking sockets (lampholders)
- Smooth, continuous flicker free dimming

Job Name:	Model Numbers:
Job Number:	

Ordering Guide

Select appropriate code in each column to complete model number.

Example: FXSWXX12SL114U82SMXXWH

PRODUCT	FAMILY	FIXTURE TYPE	LENGTH	LENS	# OF LAMPS	LAMP TYPE	REGION	CONTROL OPTION	MOUNTING TYPE	OPTION	COLOR/FINISH
FX= Fixtures	SW= Stairwell	XX= Standard	12= 2 ft (0.61 m)	SL= Standard	1= 1 Lamp	14= 14 W T5HE (2 ft [0.61 m] Only)	U= UL-North America	82= 80% Occupied 20% Unoccupied	SM= Surface- Mount	XX= None	WH White
			14= 4 ft (1.22 m)		2= 2 Lamp	17= 17 W T8 (2 ft [0.61 m] Only)				E1= T8 Emergency Ballast	
			18= (2.44 m)		4= 4 Lamp (8 ft [2.44 m] only)	24= 24 W T5HO (2 ft [0.61 m] Only)				E3= T5HE Emergency Ballast	
						28= 28 W T5HE (4 ft [1.22 m] and 8 ft [2.44 m] only)				E5= T5HO Emergency Ballast	
						32= 32 W T8 (4 ft [1.22 m] and 8 ft only)					
						54= 54 W T5HO (4 ft [1.22 m] and 8 ft [2.44 m] only)					
						RW= 25, 28, 30 W T8 Reduced Wattage (4 ft [1.22 m] and 8 ft [2.44 m] only)					

Job Name:	Model Numbers:
Job Number:	

Photometric Data

4 ft (1.22 m) 2 Lamp T8 32 W Fixture

(FXSWXX14SL232_82_SM_WH)

Tested with: 2 Sylvania T8 32 W Lamps
rated at 2850 lm each

Photometric Summary	
LIGHT OUTPUT (lm)	4031
INPUT POWER (W)	64.5
EFFICACY (lm/W)	62.5
LUMINAIRE EFFICIENCY	70.7

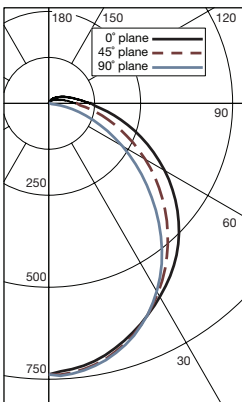
Measured with a Goniophotometer

Zonal Lumen Summary		
Zone	Lumen (lm)	% Luminaire
0-30	787	19.5
0-60	2378	59.0
0-90	3503	86.9
90-180	528	13.1
0-180	4031	100.00

Candela Table			
Angle	0°	45°	90°
0°	995	995	995
5°	999	991	990
45°	595	717	820
90°	0	227	388

Candela Plot

(measured with fixture mounted on the ceiling)



NOTES:

- Photometric data and IES files for all products available upon request. Please email 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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Job Name:	Model Numbers:
Job Number:	

2 ft (0.61 m) 2 Lamp T5HO 24 W Fixture

(FXSWXX12SL224_82_SM_WH)

Tested with: 2 Sylvania T5HO 24 W Lamps
rated at 1760 lm each

Photometric Summary	
LIGHT OUTPUT (lm)	2574
INPUT POWER (W)	50.4
EFFICACY (lm/W)	51.1
LUMINAIRE EFFICIENCY	73.1

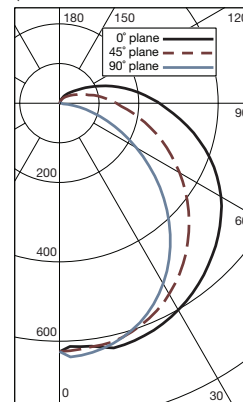
Measured with a Goniophotometer

Zonal Lumen Summary		
Zone	Lumen (lm)	% Luminaire
0-30	503	19.5
0-60	1533	59.5
0-90	2260	87.8
90-180	314	12.2
0-180	2574	100.00

Candela Table			
Angle	0°	45°	90°
0°	628	628	628
5°	639	623	617
45°	382	459	544
90°	0	144	250

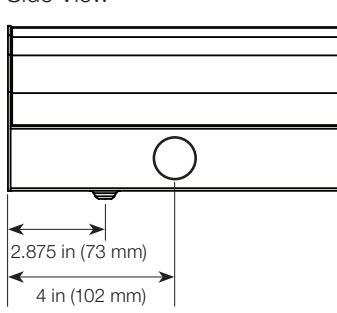
Candela Plot

(measured with fixture mounted on the ceiling)

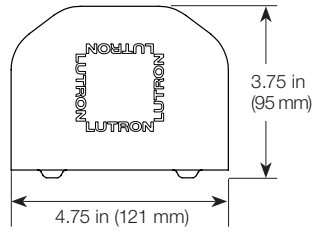


Dimensions

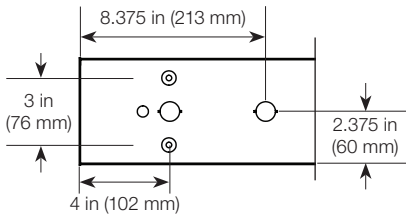
Side View



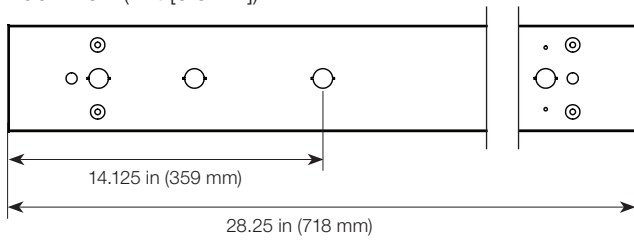
End View



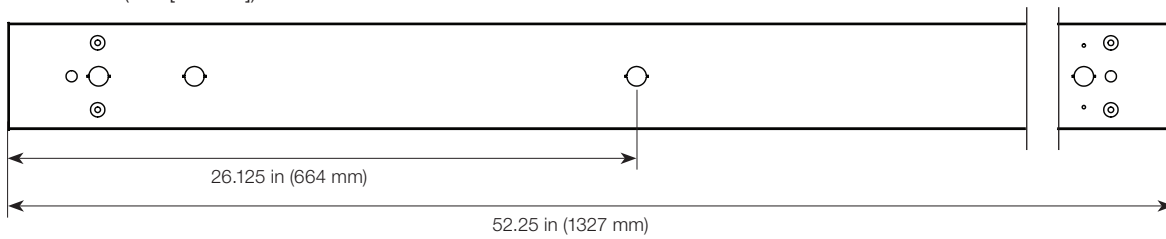
Back View



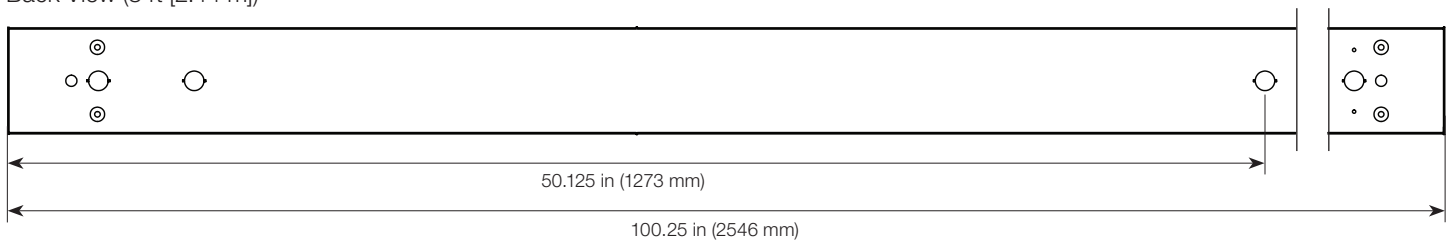
Back View (2 ft [0.61 m])



Back View (4 ft [1.22 m])



Back View (8 ft [2.44 m])



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