

Stairwell LED Fixture Solution

The Stairwell LED Fixture works with Lutron® Radio Powr Savr™ wireless occupancy sensors (sold separately) to save energy and lower energy costs.



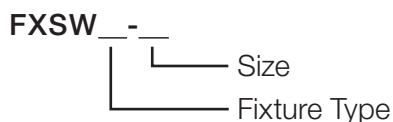
Features

- Universal input voltage 120/277 V~
 - Architectural design with concealed wireless control device
 - Uses Lutron® LED dimming drivers
 - 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
 - Fixture defaults to occupied light level (high-end) if sensor is unavailable
 - LED assembly is integrated into the fixture
 - 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.
- 2 ft and 4 ft options available
 - Emergency driver options available

Models Available

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

Configuration:



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
- Fixtures are DesignLights Consortium® qualified

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
- 50,000 hours rated fixture life (LED and driver)
 - LED life rated at 70% initial lumens (L_{70})
- LED Features
 - 2 ft (15 W 1500 lm, 30 W 3000 lm) and 4 ft (20 W 2000 lm, 40 W 4000 lm) models available
 - LEDs have reliable dimming range from 100% to 5% light level
 - Uses Nichia LEDs; LM-80 report to 10,000 hours available
 - 4000 K color temperature LEDs

Environment

- 32 °F to 104 °F (0 °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

Key Design Features

- 2 ft and 4 ft 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)
- Integral FASS™ (Front Accessible Service Switch) at the bottom of the wireless control device provides 100% light output
- 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
- Smooth, continuous flicker free dimming
- Vandal resistant options available
- Custom options available for vandal resistant fixtures, 3500 K color temperature, and 8 ft fixtures

Job Name:	Model Numbers:
Job Number:	

Ordering Guide

Select appropriate code in each column to complete model number.

Example: FXSWLX4H

Product	Family	Fixture Type	Size
FX = Fixture	SW = Stairwell	LX = LED 4000 K	4H = 4 ft High Power 40 W 4000 lm ¹
			4L = 4 ft Low Power 20 W 2000 lm ¹
		LE = LED with Emergency LED Driver 4000 K	2H = 2 ft High Power 30 W 3000 lm ¹
			2L = 2 ft Low Power 15 W 1500 lm ¹

¹ Typical lumen (lm) values given.

Job Name:	Model Numbers:
Job Number:	

Photometric Data

4 ft LED Fixture with Standard Acrylic Lens

(FXSWLX4H)

40 W 4000 K

Measured in an Integrating Sphere

LIGHT OUTPUT (lm)	4234
INPUT POWER (W)	40.12
EFFICACY (lm/W)	106
COLOR ACCURACY (CRI)	82.6
COLOR TEMPERATURE (K)	4051

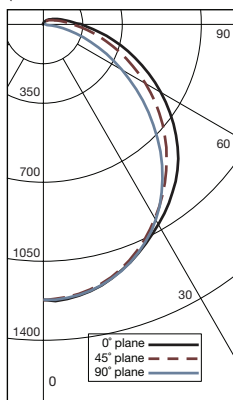
Measured with a Goniophotometer

Zonal Lumen Summary		
Zone	Lumen (lm)	% Luminaire
0-30	1034	25.15
0-60	2918	70.97
0-90	3868	94.06
90-180	244	5.94
0-180	4112	100.00

Candela Table			
Angle	0°	45°	90°
0°	1360	1360	1360
5°	1367	1345	1349
45°	795	849	922
90°	0	134	180

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 LED Fixture with Standard Acrylic Lens

(FXSWLX2L)

15 W 4000 K

Measured in an Integrating Sphere

LIGHT OUTPUT (lm)	1602
INPUT POWER (W)	14.86
EFFICACY (lm/W)	108
COLOR ACCURACY (CRI)	82.2
COLOR TEMPERATURE (K)	4045

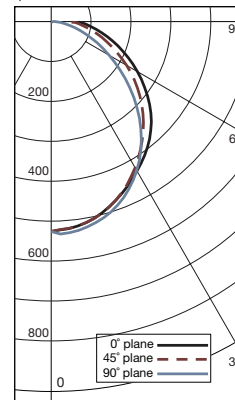
Measured with a Goniophotometer

Zonal Lumen Summary		
Zone	Lumen (lm)	% Luminaire
0-30	399	25.13
0-60	1123	70.29
0-90	1483	93.45
90-180	93	5.89
0-180	1576	100.00

Candela Table			
Angle	0°	45°	90°
0°	914	914	914
5°	923	905	907
45°	535	572	622
90°	0	89	118

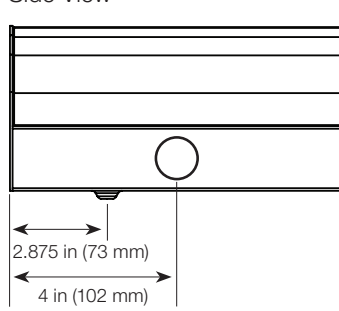
Candela Plot

(measured with fixture mounted on the ceiling)

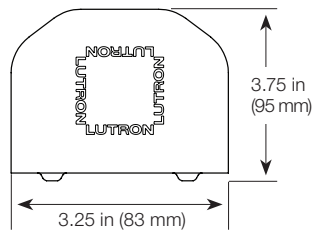


Dimensions

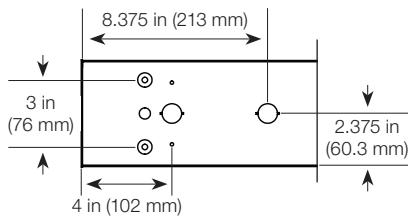
Side View



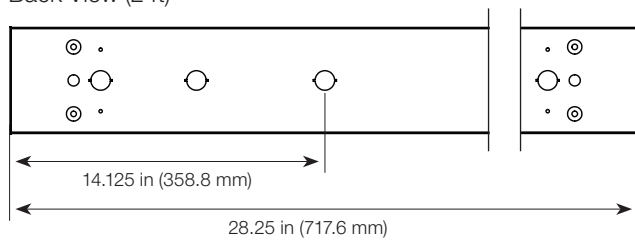
End View



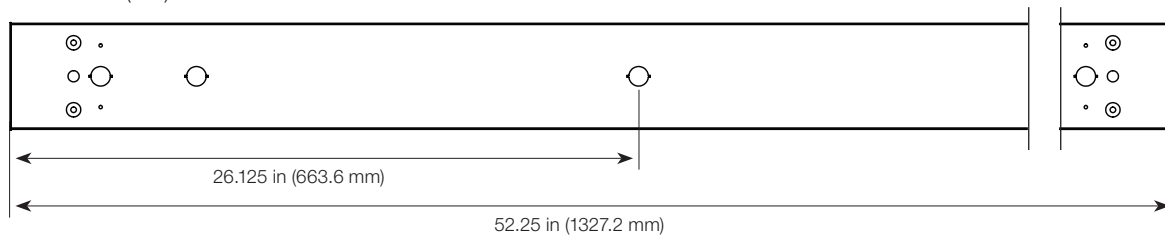
Back View



Back View (2 ft)



Back View (4 ft)



Job Name:	Model Numbers:
Job Number:	