

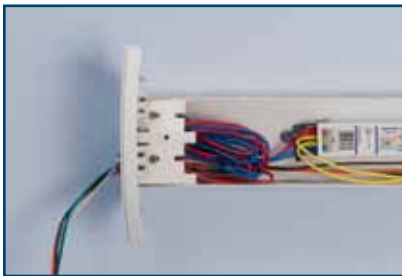
How does the retrofit kit solution work?

The Radio Powr Savr sensor immediately detects when someone enters the stairwell. The sensor then sends a signal to the Lutron Powpak stairwell controller via Lutron reliable Clear Connect® RF technology, which illuminates the stairwell at the preset occupied (high end) level.

When the person leaves the stairwell, the sensor sends a signal to the wireless control at the preset time out which dims the light to the preset unoccupied (low end) level.

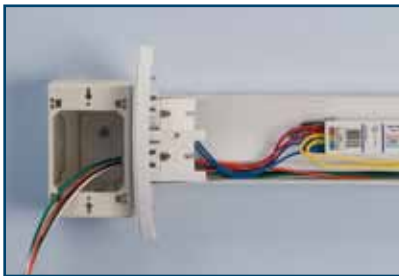
Easy installation

Installing the stairwell retrofit kit solution is a simple, three-step process (reference the installation guide available at fixtures@lutron.com).



Step 1

Add ballast leads



Step 2

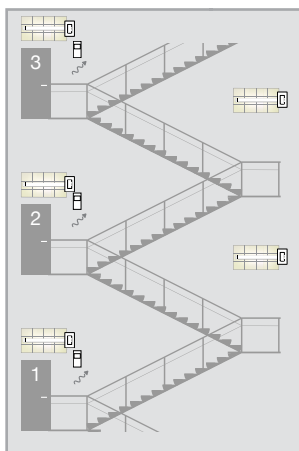
Add wireless control junction box



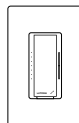
Step 3

Add control with wallplate

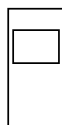
Typical stairwell retrofit kit solution application



Your stairwell fixture with Lutron ballast



Wireless control and wallplate
(attached to fixture)



Radio Powr Savr wireless occupancy sensor*

- 1 Savings based on replacing a 4ft T12 fixture (2-40W lamps at 100% output), with a 4ft T8 Lutron stairwell solution (2-32W lamps at 50% high-end output, 10% low-end output); or a 2ft T8 fixture (2-17W lamps at 100% output) with a 2ft LED Lutron stairwell solution (29W at 80% high-end output, 20% low-end output). Existing system operation is based on 8760 hours of annual use. Replacement system operation is based on 2190 hours at high end and 6570 hours at low end. Actual savings may vary based on existing fixture wattage and stairwell occupancy. Note: Ensure replacement fixture meets the required light levels.
- 2 System includes one occupancy sensor and two 4ft T8 stairwell fixtures per floor. Payback based on an electricity rate of 15 cents/kWh including a utility rebate of \$50/fixture. For more information on utility rebates, visit www.lutron.com/incentives.

Lutron® Stairwell Retrofit Kit Solution

Features and capacities

- Pre-wired Lutron dimming ballast for T8, T5HE, or T5HO lamps
- Wireless control (PowPak® stairwell controller)
- Wallplate (Claro® single gang)
- Rapid-start sockets (optional)
- Compatible with 2', 3', 4', or 8' fixtures
- 1, 2, 3, or 4 lamp options available
- 120-277V~ universal input voltage

Typical applications

- Stairwells, corridors, hallways

Communications and wiring

- Fixture communicates via Clear Connect® RF technology
- 3-wire control standard

Related components

(required for the solution to work)

Radio Powr Savr™
occupancy sensors*
(LRF2-OWLB-P-WH) wall
(LRF2-OKLB-P-WH) corner
(LRF2-OCR2B-P-WH) ceiling
(LRF2-OHLB-P-WH) hall

*Go to lutron.com/rps for sensor specifications.

www.lutron.com/fixtures



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Example model number:

FXRS SW XX 12 1 14 U 51 XX
1 2 3 4 5 6 7 8 9

1 Product

FXRS = Fixtures Retrofit Kit Solution

2 Family

SW = Stairwell

3 Fixture type

XX = Standard

4 Size

12 = 1'x2'

13 = 1'x3'

14 = 1'x4'

18 = 1'x8'

5 Lamps

1 = 1 Lamp

2 = 2 Lamps

3 = 3 Lamps, T8

4 = 4 Lamps

6 Lamp type

14 = 14W T5HE, 2'

17 = 17W T8, 2'

21 = 21W T5HE, 3'

24 = 24W T5HO, 2'

25 = 25W T8, 3'

28 = 28W T5HE, 4'

32 = 32W T8, 4'

39 = 39W T5HO, 3'

54 = 54W T5HO, 4'

RW = 25, 28, 30W T8
Reduced Wattage, 4'

7 Region

U = UL – North America

8 Control options

51 = 50% Occupied, 10% Unoccupied

82 = 80% Occupied, 20% Unoccupied

9 Socket options

XX = None

SK = Sockets**

**Two rapid start sockets per lamp, each lamp gets 18" of power leads (white, black) and 40" of lamp leads (yellow, blue) per lamp.

