

Lutron Stairwell Retrofit Kit Solution



Lutron® Stairwell Retrofit Kit Solution

The new stairwell retrofit kit solution adds Lutron wireless dimming and occupancy sensing capabilities to a fixture to save energy, lower costs, and meet stairwell safety code requirements. It's an easy and cost-efficient way for you to upgrade a fixture with Lutron's dimming and occupancy sensing technologies—and expand your business. Once installed, the fixture can communicate with Lutron Radio Powr Savr™ occupancy sensors to adjust light levels. (The retrofit kit solution is field adjustable to meet specific project requirements.)

The retrofit kit contains Lutron dimming ballasts with pre-wired leads, a Lutron wireless control (Powpak® stairwell controller), and optional rapid-start sockets, which allows any T12, T8, or T5 fluorescent fixture to be converted into a wireless stairwell solution.



Pre-wired ballast



Wireless control and wallplate



Rapid-start sockets (optional)**

Retrofit kit solution benefits

The Lutron stairwell retrofit kit solution provides the following benefits:

Energy savings – the ability to [save over 70%](#)¹ lighting energy

- high-end trim reduces light levels when the stairwell is occupied
- occupancy sensing lowers light levels when the stairwell is unoccupied

High ROI – payback as low as 3.5 years; utility rebates available in most locations²

Flexibility – you can assign multiple fixtures to a single occupancy sensor and assign multiple occupancy sensors to a single fixture

Meets codes and standards

- **ASHRAE 90.1 2010 – Additional Control (9.4.1.6)**

Lighting in stairwells shall have one or more control devices to automatically reduce lighting power in any one controlled zone by at least 50% within 30 minutes of all occupants leaving that controlled zone.

- **IgCC (International Green Construction Code) – Interior Light Reduction Controls (609.3)**

Occupant sensor controls shall be provided to automatically reduce connected lighting power by not less than 45% during periods when occupants are not present in all of the following locations:

1. Corridors and enclosed stairwells.
2. Storage and stack areas not open to the public.
3. Parking garages.