Maximize energy savings
• Save energy at each fixture
• Use only the light you need across any space

Personal control
• Wireless fixture control provides each occupant the ability to adjust the light to suit the task at hand

Eliminate design and installation hassle
• Just count the fixtures
• Works with any 0–10V fixture or Lutron EcoSystem®
• No control wiring between fixtures

Proven Lutron technology—no callbacks
• Superior Clear Connect® wireless communication
• Reliable XCT™ sensing technology

Lutron®
Maximize energy savings

Each wireless individual fixture supports three control strategies for maximum energy savings and enhanced comfort.

**Occupancy sensing**

Turns individual fixtures on when a person occupies an area and turns them off when a person leaves the area.

**Daylight harvesting**

Dims/brightens the fixture based on available daylight.

**Personal wireless control**

Provides the ability to lower lights with a simple button press.

---

**KEY**

- 0%
- 30%
- 100%
Individual fixtures provide only the light you need
- Lights near windows dim when sufficient daylight is present
- Only lights in occupied area are on

Enhance comfort

With a Pico® wireless remote, each occupant can adjust the lights to suit their needs.

Handheld Pico wireless remote—Dim lights to 50% to reduce glare on screen

Pico wall-mounted (in a wallplate)—add a new point of control anywhere with absolutely no wires

Pico wireless remote with pedestal—Raise lights to 100% for reading visibility
This simple solution couldn’t be easier

**Just count the number of fixtures**
- Quickly and easily estimate jobs—no need to know the existing wiring

**The wireless fixture control works with any 0–10V fixture or Lutron EcoSystem®**
- Automatically adapts to both sink and source ballasts and drivers
- UL approved to be installed at the job site or at the fixture OEM

**Out of the box code compliance**

**Just install the control, attach the sensor, and meet the following codes:**
- ASHRAE 90.1-2010
- IECC 2012
- Title 24-2013 (for buildings under 10,000 square feet)

For specific commercial building code lighting requirements in your state, please visit [www.lutron.com/energycodes](http://www.lutron.com/energycodes).

**Flexibility when you need it**

- PowPak wireless fixture control
- PowPak fixture sensor
- Pico® wireless remote
- Radio Powr Savr occupancy/vacancy sensor
- Daylight sensor

Individual fixture controls and sensors provide granular control

Individual fixture controls with Radio Powr Savr occupancy sensor or daylight sensor provide area control
Simplify installation—no control wiring between fixtures

1. Mount control to a fixture or junction box through a standard knockout

   ![Above the ceiling](image1.png)
   ![Below the ceiling](image2.png)

2. Mount and connect the sensor through the ceiling tile

3. Assign a Pico® wireless remote to the fixture (optional)

   - Press and hold the “Off” button on the Pico wireless remote for six seconds
   - Shine a green laser on the sensor to put the fixture into association mode

(Shown actual size)
Proven Lutron technologies

**XCT™ technology with cross-correlation—won't leave you in the dark**

**Lutron sensors detect fine motion better than other passive infrared (PIR) sensors**
- Provides exceptional prevention of false-ons and false-offs
- Superior sensitivity—recognizes the difference between fine human motion and background noise

<table>
<thead>
<tr>
<th>Major Motion</th>
<th>Minor Motion</th>
<th>Fine Motion</th>
<th>No False-on</th>
</tr>
</thead>
<tbody>
<tr>
<td>Person walking 3 feet</td>
<td>Movements like extending your arms</td>
<td>Small movements like flipping pages of a book</td>
<td>Lights stay off when room is unoccupied</td>
</tr>
</tbody>
</table>

Exclusive, reliable technologies—no callbacks

**Clear Connect® RF technology—wireless that works!**

**Proven technology**
- Lutron invented its first wireless lighting control system in 1993

**Highest quality**
- Best communications reliability of any system on the market

**Proven reliability**
- Case study: Over 30,000 Clear Connect devices performing reliably throughout the Encana building in Calgary, Canada

Service and support

Lutron offers a wide variety of services for all projects. Although this is a simple installation, Lutron is here to help and answer any of your questions 24 hours a day, 7 days a week.

24*7 Global Support
1.800.523.9466
A solution for every space

Lutron can meet the needs of any application within your building

**Individual fixture dimming**

PowPak® wireless fixture control

- Open office
- Cafeteria

**Single zone switching**

PowPak junction box mounted relay and wireless Radio Powr Savr® occupancy sensor

- Basic conference room
- Restroom

- Maestro® switch and occupancy sensor
- In-wall sensor

- Private office

**Multi-zone preset control**

GRAFIK Eye® QS

- Executive conference room
Features and benefits

**PowPak® wireless fixture control**

- Controls up to 6 mA of 0–10 V or 3 EcoSystem drivers/ballast
- Uses Lutron Clear Connect® RF technology
- Designed to give a linear response to changes in viewed light level
- 2 wire connection between sensor and control module – the wires are interchangeable to eliminate miswiring

**Available model numbers:**
- FCJ-010 0-10V Control Module
- FCJ-ECO EcoSystem Control Module
- FC-Sensor Occupancy/Daylight Sensor
- FC-VSensor Vacancy/Daylight Sensor

**PowPak fixture sensor**

- Passive infrared motion detection with exclusive Lutron XCT™ technology for fine motion detection
- Polarity-free wiring (2’ lead)
- 360° sensor field-of-view

**Dimensions:**
- W: 2.82" (72 mm)
- H: 3.94" (100 mm)
- D: 1.25" (32 mm)

**Available areas:**
- 300 ft² (28 m²) major motion
- 150 ft² (14 m²) minor motion when mounted on a 9 ft (2.7 m) ceiling

**Ceiling and floor view:**

**www.lutron.com**

Lutron Electronics Co., Inc. 7200 Suter Road Coopersburg, PA 18036-1299
World Headquarters 1.610.282.3800 | 24/7 Technical Support 1.800.523.9466 | Customer Service 1.888.LUTRON1 (1.888.588.7661)

© 01/2015 Lutron Electronics Co., Inc. | P/N 367-2527 REV A