

**Lutron® energy-saving light
controls for your home or office**



Maestro® occupancy sensing switch

Lutron® Sensor Solutions

simple. affordable. energy-saving.

www.lutron.com



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Customer Service 1.888.LUTRON1 (1.888.588.7661)

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Lutron® sensor solutions
simple. affordable. energy-saving.

Turn lights off in unoccupied spaces . . .

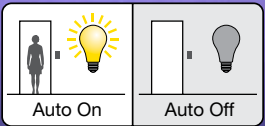


Save energy and money!

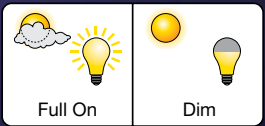


Lutron offers occupancy/vacancy and daylight sensors to save energy.

Occupancy sensors: Turn lights on automatically as an occupant enters the room and turns lights off when the room is unoccupied.



Daylight sensors: Take advantage of available daylight by lowering or turning off electric lights when sufficient daylight is available.



In-wall occupancy/vacancy sensors

Maestro®



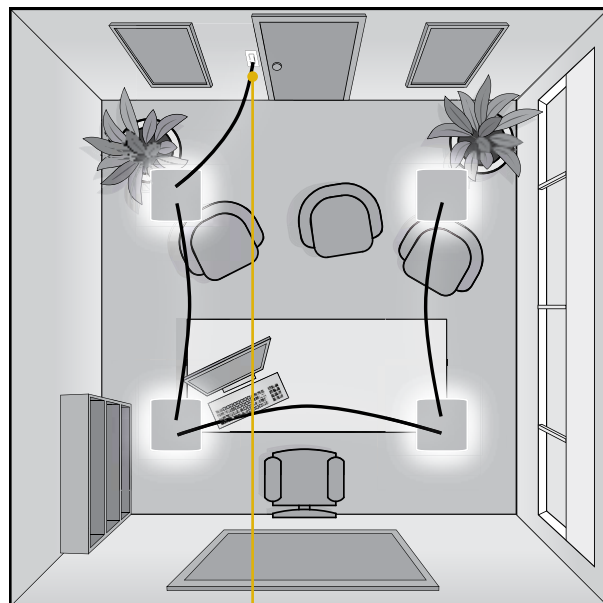
Features:

- Four versions available
 - 2 Amp, single-pole 120 V switch
 - 5 Amp, 3-way/multi-location 120 V switch
 - dual-voltage commercial-grade 120 V/277 V switch
 - 600 W, single-pole/multi-location 120 V dimmer
- Reliable XCT detection technology ensures lights stay on in occupied rooms
- Switches work with all load types
- Easy installation—no neutral wire, shallow backbox

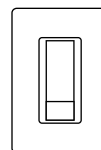


Specifications:

- 180° sensor field-of-view
- Up to 900 ft² major motion and 400 ft² minor motion coverage
- 1, 3, 5, 15, or 30 minute timeout options
- 120 V switches and dimmer; 120 V/277 V switch available
- See coverage diagram on page 8



Private Office

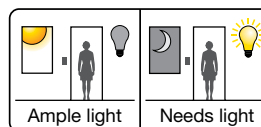


Colors and finishes:

- In-wall sensors* and Claro® wallplates available in gloss colors and Satin Colors®

2 Amp and 5 Amp sensors also include **learnable ambient light detection**.

- Turns lights on only when needed
- Learns user behavior for when lights should stay on or turn off



* BL, GR, BR, and Satin Colors will be available 3/1 for 2 Amp and 5 Amp sensors

Wireless occupancy/vacancy sensors

Radio Powr Savr™



wall-mount sensors:

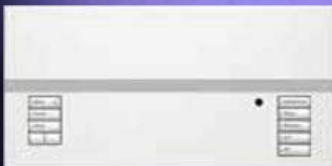
- 180° wall-mount sensor for spaces with ceiling obstructions or higher than 12-foot ceilings
- 90° corner-mount sensor
- Hallway sensor for spaces requiring longer coverage



ceiling-mount sensor:

- 360° sensing for spaces with 8 to 12-foot ceilings

Works with:



GRAFIK Eye® QS wireless



Maestro
Wireless®



PowPak™

Features:

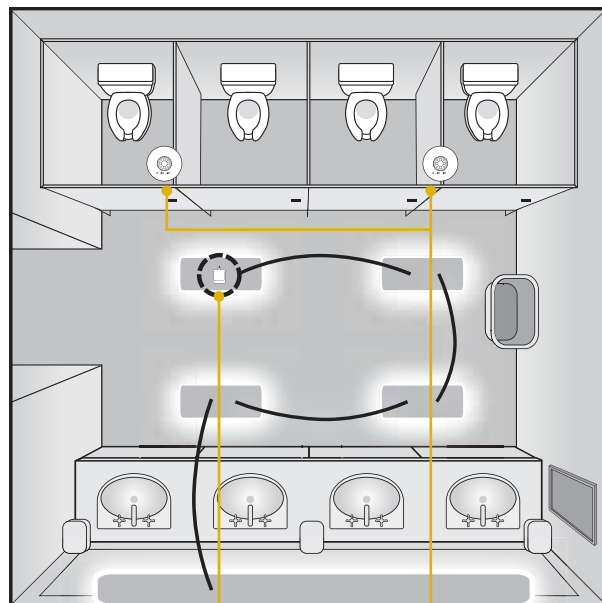
- No wiring required—eliminates power pack and wiring expenses
- Wall controls remain fully operable during automatic shut-off by sensor
- Operates in occupancy or vacancy mode
- Vacancy only available to meet California Title 24 Section 119 (j) requirements and NYC Energy Code Local Law 48
- Test mode assists in verifying the ideal sensor location

Specifications:

- Use up to three sensors per compatible control for maximum coverage; one sensor can control up to 10 compatible dimmers/switches for spaces with additional zones of light
- Timeout options include 1, 5, 15, and 30 minutes
- Battery included (10 year battery life)
- See coverage diagrams on page 8

Colors and finishes:

- Ceiling-mount and wall-mount sensors available in white (WH)



Bathroom

Radio Powr Savr occ/vac sensors used with PowPak ceiling-mount modules are easy to retrofit, and save energy in spaces like bathrooms.

- **Easy installation** saves labor, time, and money
- Wireless products **upgrade existing spaces with little disruption** during installation

Wireless daylight sensor

Radio Powr Savr™



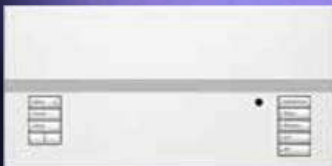
Features:

- Decreases or turns off electric light when sufficient daylight is available
- Increases electric light when insufficient daylight is available
- No wiring required

Maximize energy savings:

Combine occupancy/vacancy sensing with daylighting to maximize energy savings. Together, they can save 30% of lighting energy in a building. Use dimming where appropriate to save an additional 20%.

Works with:



GRAFIK Eye® QS wireless



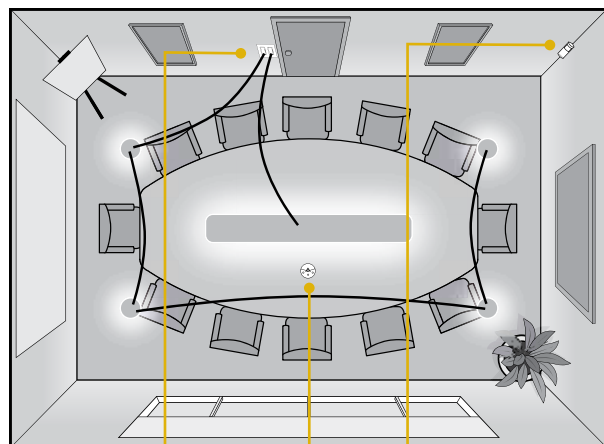
Maestro
Wireless®



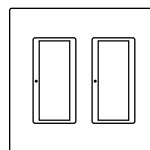
PowPak™

Specifications:

- Use one daylight sensor per compatible control
- One sensor can control up to 10 compatible dimmers/switches for spaces with additional zones of light
- Battery included (10-year battery life)



Conference room



Colors and finishes:

- Daylight sensors available in white (WH)

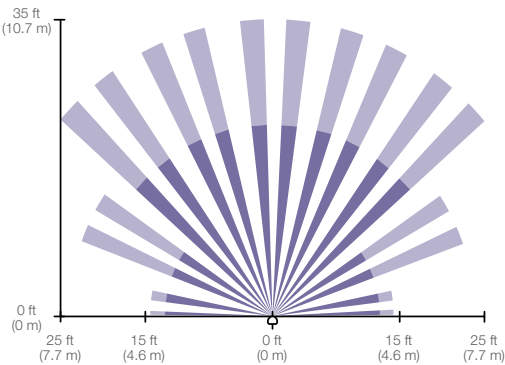
Combine the Radio Powr Savr **occupancy sensors and daylight sensor** to maximize energy savings in spaces like conference rooms.

- **Save more energy** by reducing the usage of electric lights when daylight is available
- Wireless products **reconfigure easily** based on space layout changes

Lutron® Sensor Coverage

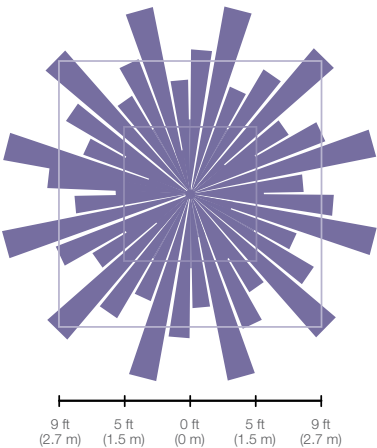
In-wall, 180°

400 ft² — minor motion
900 ft² — major motion



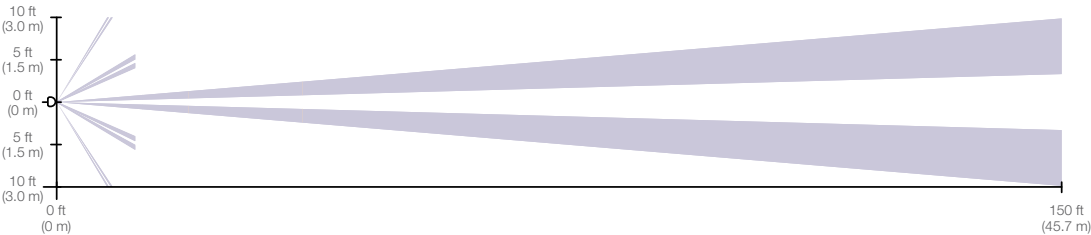
Ceiling-mount, 360°

Coverage varies by ceiling height



Hallway, long narrow field of view

Coverage varies by hallways with and length



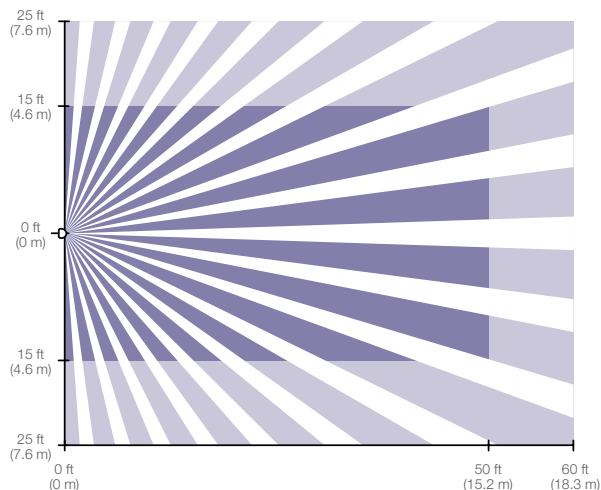
Key:

- minor motion
- major motion

Wall-mount, 180°

1,500 ft²—minor motion

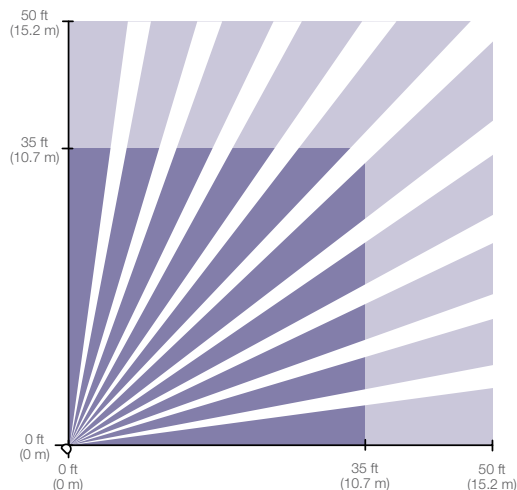
3,000 ft²—major motion



Corner-mount, 90°

1,223 ft²—minor motion

2,500 ft²—major motion



XCT™ Technology:

- This **exclusive, reliable sensing technology** enhances sensors' ability to **detect fine motions**
- Lights stay on when a room is occupied and stay off when a room is unoccupied

Clear Connect™ RF Technology:

- All Lutron wireless sensors operate on a quiet frequency band
- **Ensures flawless communication** free of interference, so lights work every time

Model Numbers

Maestro® occupancy sensors

Model number	Control type
MS-OPS2-XX ¹	single-pole switch with occupancy/vacancy sensor, 120 V, 2 A light, inc/halogen, MLV, ELV, CFL, LED, magnetic/electronic ballasts
MS-OPS5M-XX ¹	single-pole/3-way/multi-location switch with occupancy/vacancy sensor, 120 V, 5 A light, inc/halogen, MLV, ELV, CFL, LED, magnetic/electronic ballasts, 3 A fan
 MS-OPS6M-DV-XX ¹	single-pole/multi-location switch with occupancy/vacancy sensor, 120 V/277 V, 6 A light, inc/halogen, MLV, ELV, non-dim fluorescent ballasts, 3 Amp fan
MS-OP600M-XX ¹	single-pole/multi-location dimmer with occupancy/vacancy sensor, 120 V, 600 W incandescent/halogen

-  Spec grade product
- XX Color suffix
- 1 Vacancy only models also available. Replace the “O” in the model number with a “V” to order.

Colors and finishes:

- In-wall sensors* available in gloss colors and Satin Colors®

Radio Powr Savr™ sensors

Model number	Control type
LRF2-OCRB2-P-WH	360° ceiling-mounted occupancy/vacancy sensor, auto-on/auto-off or manual on/auto-off settings
LRF2-OWLB-P-WH	180° wall-mounted occupancy/vacancy sensor, auto-on/auto-off or manual on/auto-off settings
LRF2-OKLB-P-WH	90° corner-mounted occupancy/vacancy sensor, auto-on/auto-off or manual on/auto-off settings
LRF2-OHLB-P-WH	wall-mounted hallway occupancy/vacancy sensor, auto-on/auto-off or manual on/auto-off settings
LRF2-DCRB-WH	ceiling-mounted daylight sensor

PowPak™ modules

Model number	Control type
RMJ-EC032-DV-B	dimming module with EcoSystem, 120 V/277 V
RMJ-16R-DV-B	switching module with SoftSwitch, 16 A general purpose switch, 120 V/277 V

Colors and finishes:

- Ceiling-mount, wall-mount, corner-mount, and hallway occupancy/vacancy sensors available in white (WH)
- Daylight sensor available in white (WH)

* BL, GR, BR, and Satin Colors will be available 3/1 for 2 Amp and 5 Amp sensors

Maestro Wireless® load controllers

Model number	Control type
MRF2-600M-XX	single-pole/multi-location dimmer 120V, 600W inc/halogen
MRF2-10D-120-XX	single-pole/multi-location dimmer 120V, 1000W inc/halogen, magnetic low voltage
MRF2-6ND-120-XX	single-pole/multi-location neutral wire dimmer 120V, 600W inc/halogen, magnetic low voltage
MRF2-8S-DV-XX	single-pole/multi-location non-neutral switch 120V/277V, 8A light, inc/halogen, MLV, ELV, non-dim fluorescent ballasts, does not require a neutral wire connection
MRF2-3LD-XX	plug-in lamp dimmer 300W, inc/halogen for table or floor lamps
MRF2-3PD-3-XX	plug-in module 300W dimming/switching

Colors and finishes:

- Dimmers and switches available in gloss colors and Satin Colors®
- Plug-in lamp dimmer available in gloss white (WH), black (BL)
- Plug-in module available in gloss white (WH), black (BL), and brown (BR)

The colors of Lutron

Gloss colors:

- | | |
|-------------------|------------|
| white (WH) | gray (GR) |
| ivory (IV) | brown (BR) |
| almond (AL) | black (BL) |
| light almond (LA) | |

Satin Colors®:

- | | |
|-----------------|-------------------|
| hot (HT) | taupe (TP) |
| merlot (MR) | eggshell (ES) |
| plum (PL) | biscuit (BI) |
| turquoise (TQ) | snow (SW) |
| sea glass (SG) | palladium (PD) |
| midnight (MN) | mocha stone (MS) |
| sienna (SI) | goldstone (GS) |
| terracotta (TC) | desert stone (DS) |
| greenbriar (GB) | stone (ST) |
| bluestone (BG) | limestone (LS) |

