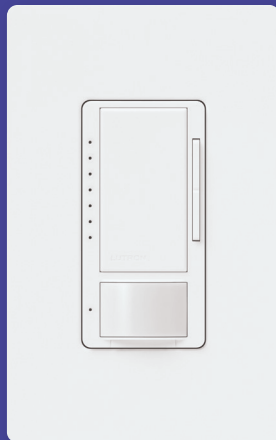


Maestro In-Wall Sensors

Tested reliability and performance means no callbacks



Sensor switch



LED+ dimmer sensor



Dual-technology sensor switch



Dual-technology dual-circuit sensor switch

XCT technology with cross-correlation – no callbacks

- Recognizes the difference between background noise and motion
- Provides superior prevention of false-ons and false-offs

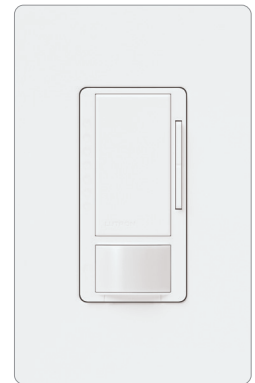
Models for residential and commercial applications

- Single- and dual-circuit switches; neutral and no neutral required
- Passive infrared (PIR) and dual-technology sensing
- 0-10V dimmer for 0-10V fluorescent and LED fixtures
- LED+ dimmer for dimmable LEDs and CFLs

Wireless models are also available



Sensor switch



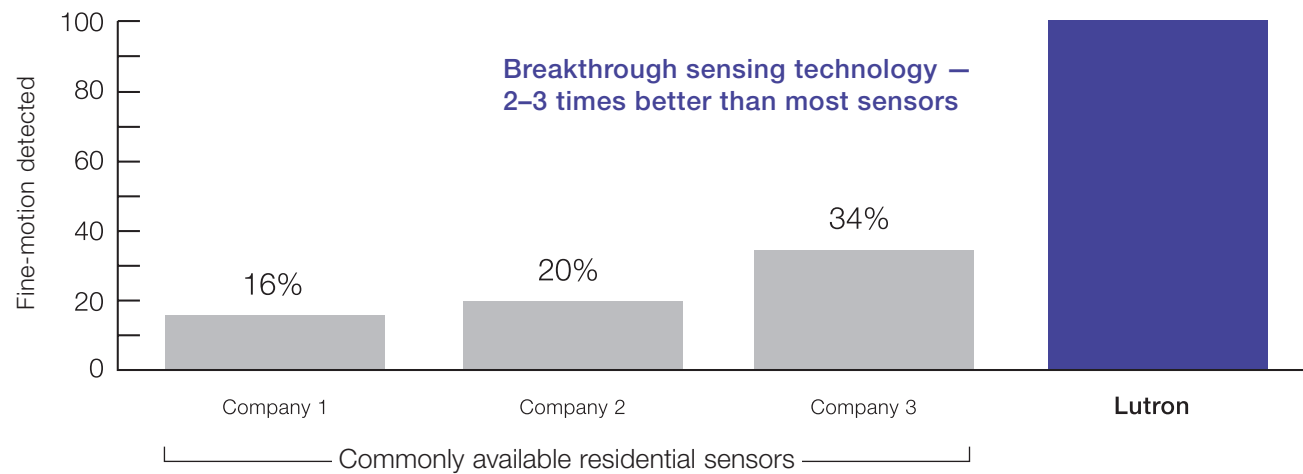
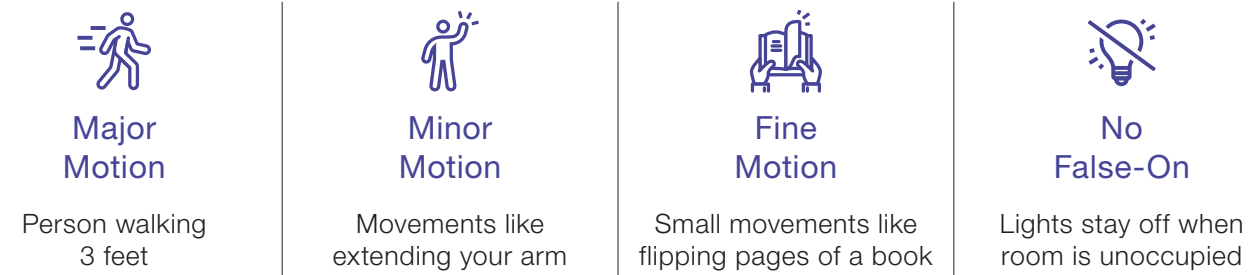
0-10V dimmer sensor

LUTRON SENSORS MINIMIZE CALLBACKS

Lutron sensors won't leave you in the dark

Lutron sensors detect fine motion, like reading a book, better than other PIR sensors.

Breakthrough sensing technology ensures lights stay on when a room is occupied and off when it's not.



Very Fine Motion

Minimal movements like typing on a keyboard

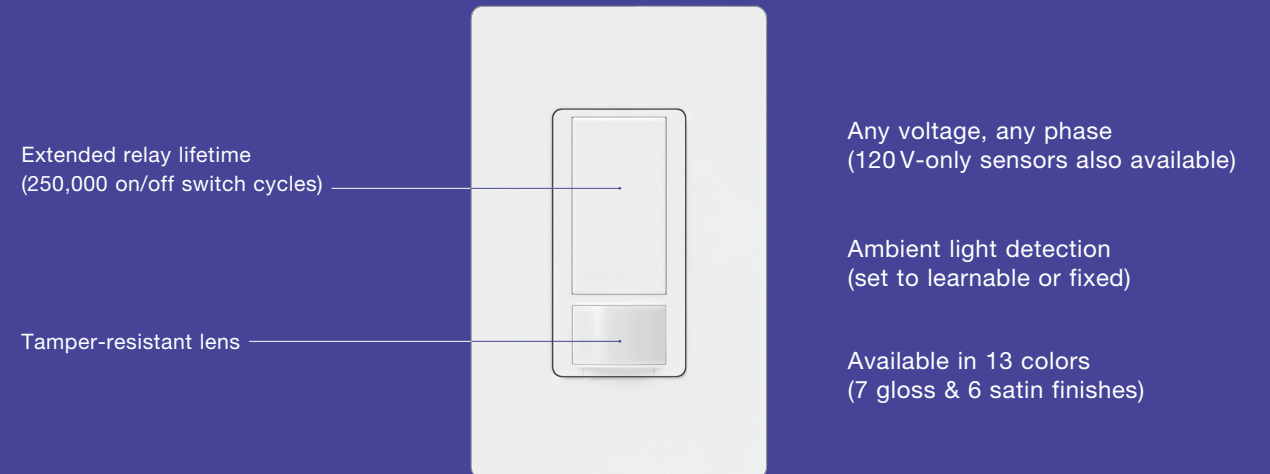
XCT technology — featured on all models

Dual-technology sensors use PIR and ultrasonic technologies together for maximum sensitivity.

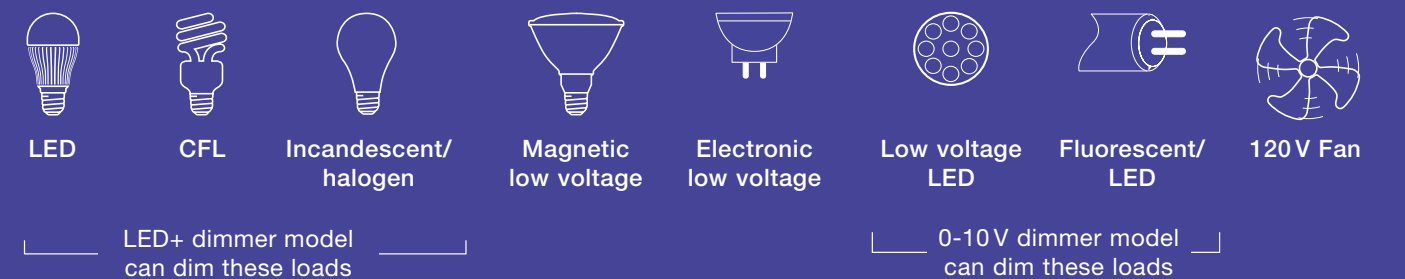
PRODUCT INFORMATION

Durable design with modern, clean aesthetic

Engineered with the latest technology, combined with award-winning design.



Controls all lighting and fan loads



LED+ dimmer sensor

- Combines a Maestro LED+ dimmer with an occupancy or vacancy sensor
- Controls up to 150W dimmable LED/CFL or 600W incandescent/halogen



0-10V dimmer sensor

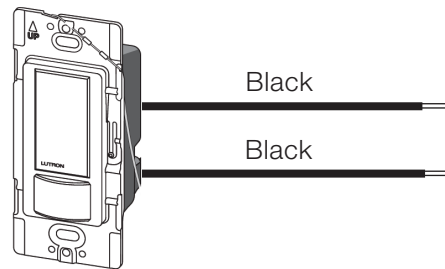
- Optimized for ideal sensitivity
- Settings are simple to adjust — no dip switches or dials

EASY INSTALLATION

Simplified wiring

Mistake proof wiring — no polarity for line-or load-side wiring

Single-circuit (including dimming)



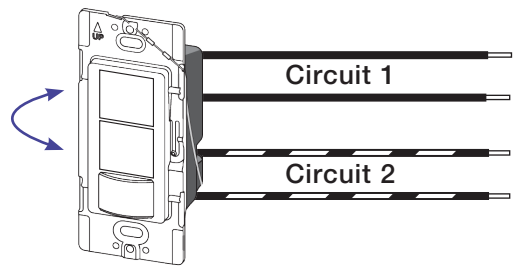
Any voltage

120V & 120V - 277V

Any phase

Phase A, B, or C

Dual-circuit



Any voltage

120V - 277V

Any phase

Phase A, B, or C

120V - 277V

Phase A, B, or C

Easily reassign

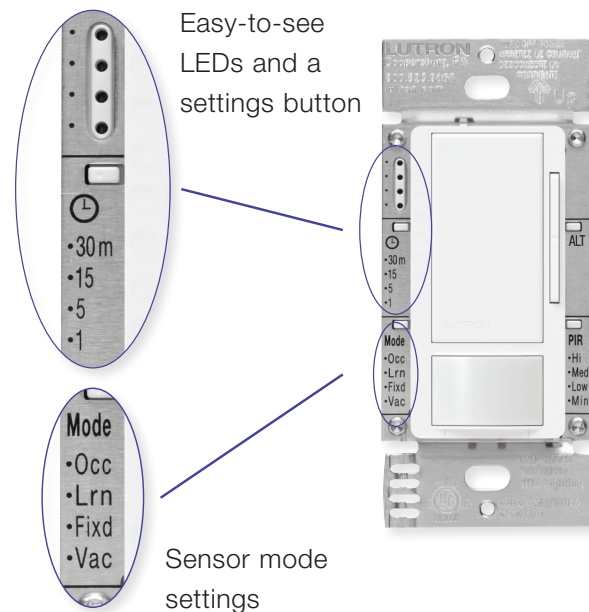
Change circuit with button press; no rewiring

* Dual-technology no-neutral models available, require line and load-specific wiring

Easy set up

No dip switches or dials

- Change settings with a simple button press
 - Timeout
 - Sensitivity
 - Mode
 - Occupancy
 - Ambient light detection
 - Vacancy
- 0-10V dimmers and dual-tech models feature easy-to-see LEDs to indicate settings
- Dual-circuit models feature independent settings per circuit



WIRELESS IN-WALL SENSORS

Wireless sensors communicate to other wireless devices using Lutron's Clear Connect RF technology

Extend coverage

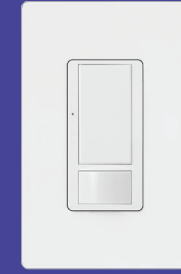
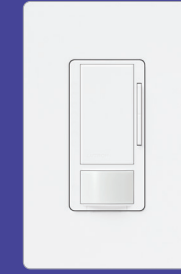
- Add a Radio Powr Savr occupancy/vacancy sensor for additional coverage in a space



Ceiling mount
LRF2-OCR2B-P-WH



Wall mount
LRF2-OWLB-P-WH
Corner mount
LRF2-OKLB-P-WH
Hallway
LRF2-OHLB-P-WH



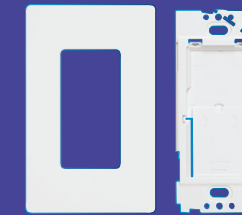
Maestro wireless models
0-10V dimmer sensor and 8A sensor switch

Enhance control

- Mount a Pico wireless remote to a wall or place it on a tabletop stand for flexible control from anywhere in the room



Pico wireless remote
PJ2-3BRL-GXX-L01



Wallplate adapter
PICO-WBX-ADPT
Wallplate
CW-1-XX



Tabletop pedestal
L-PEDX-XX

Make your system smarter

- Add a Vive wireless hub for centralized control and integration
- Add a daylight sensor to dim lights when natural light is available

















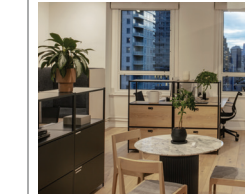
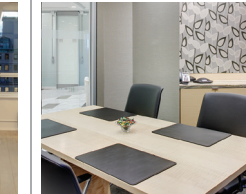

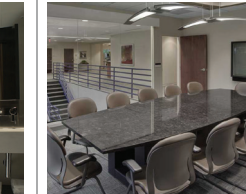
Vive wireless hub
HJS-0-FM



Radio Powr Savr
daylight sensor
LRF2-DCRB-WH

SENSOR MODEL INFORMATION AND KEY APPLICATIONS

| |  2 A and 5A PIR |  6 A PIR |  RF PIR |  PIR dual-circuit |
|---|---|--|--|---|
| Model number | MS-OPS2-XX* neutral optional (2A model) MS-OPS5M-XX* neutral optional (5A model) | MS-OPS6M2-DV-XX* neutral optional | MRF2S-8SS-XX* neutral required | MS-OPS6-DDV-XX* neutral optional |
| Key applications |  Small space Kitchen |  Breakroom Office |  Bathroom Private office |  Training room Conference room |
| Technology | XCT PIR | XCT PIR | XCT PIR | XCT PIR |
| Coverage (sq ft) | 900 (major) 400 (minor) | 900 (major) 400 (minor) | 900 (major) 400 (minor) | 900 (major) 400 (minor) |
| Timeout | 1, 5, 15, or 30 minutes | 1, 5, 15, or 30 minutes | 1, 5, 15, or 30 minutes | 1, 5, 15, or 30 minutes per circuit |
| Voltage | 120V | 120-277 V | 120V/277V | 120-277 V per circuit |
| Amperage/wattage | 2A lighting (2A model) 5A lighting (5A model) 3A (120V) fan (5A model) | 6A lighting 3A (120V) fan | 8A lighting | 6A lighting 4.4A fan (120V) per circuit |
| Single pole, 3-way, multi-location | Single pole/3-way/ multi-location | Single pole/3-way/ multi-location | Single pole/3-way/ multi-location | Single pole |
| Ambient light detection | Smart | Smart | Smart or fixed | Smart |
| Tamper-resistant lens | ✓ | ✓ | ✓ | ✓ |
| Energy code met | Automatic shutoff | Automatic shutoff | Automatic shutoff | Automatic shutoff Multi-level lighting** |

| |  LED+ dimmer sensor |  0-10V dimmer sensor |  RF 0-10V dimmer sensor |  Dual-tech |  Dual-tech dual-circuit |
|--|--|--|--|---|---|
| Model number | MSCL-OP153M-XX* no neutral required | MS-Z101-XX* neutral optional | MRF2S-8SD010V-XX* neutral required | MS-A102-XX* no neutral required MS-B102-XX* neutral required | MS-A202-XX* no neutral required MS-B202-XX* neutral required |
| Key applications |  Kid's room Kitchen |  Private office Conference room |  Conference room Private office |  Private office Bathroom |  Conference room Training room |
| Technology | XCT PIR | XCT PIR | XCT PIR | XCT dual-technology (PIR and ultrasound) | XCT dual-technology (PIR and ultrasound) |
| Coverage (sq ft) | 900 (major) 400 (minor) | 900 (major) 400 (minor) | 900 (major) 400 (minor) | 900 (major) 400 (minor) | 900 (major) 400 (minor) |
| Timeout | 1, 5, 15, or 30 minutes | 1, 5, 15, or 30 minutes | 1, 5, 15, or 30 minutes | 1, 5, 15, or 30 minutes | 1, 5, 15, or 30 minutes per circuit |
| Voltage | 120V | 120-277 V | 120/277 V | 120-277 V | 120-277 V per circuit |
| Amperage/wattage | 600 W inc/halogen 150 W LED/CFL | 8A lighting | 8A lighting | 6A lighting 4.4A fan (120V) | 6A lighting 4.4A fan (120V) per circuit |
| Single pole/3-way/ multi-location | Single pole/3-way/ multi-location | Single pole/3-way/ multi-location | Single pole/3-way/ multi-location | Single pole/3-way/ multi-location (neutral model only) | Single pole/3-way (neutral model only) |
| Ambient light detection | Smart | Smart or fixed | Smart or fixed | Smart or fixed | Smart or fixed |
| Tamper-resistant lens | ✓ | ✓ | ✓ | ✓ | ✓ |
| Energy code met | Automatic shutoff Multi-level lighting** | Automatic shutoff Multi-level lighting** | Automatic shutoff Multi-level lighting** | Automatic shutoff | Automatic shutoff Multi-level lighting** |

* XX denotes color suffix

** Meets this requirement when bi-level control is allowed

Multi-location dimmers/switches work with up to nine companion dimmers/switches, unless they are RF models that work with Pico remote controls.

3-way dimmers work with mechanical 3-way switches, unless they are RF models that work with Pico remote controls.

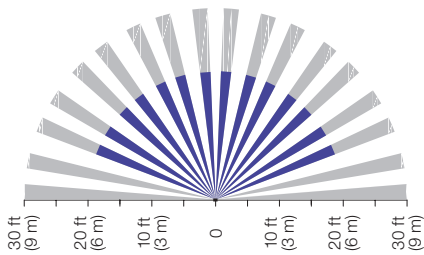
Vacancy-only models available. Replace the "O" in the model number with a "V", or for dual-tech or 0-10V vacancy models, add -V- before color code (XX).

For dual-tech sensors, only neutral optional models allow for 3-way or multi-location applications.

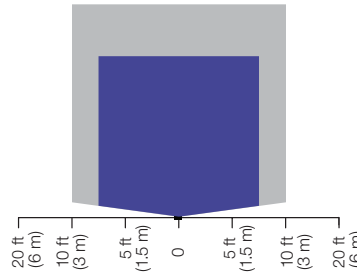
ADDITIONAL PRODUCT INFORMATION

Coverage patterns

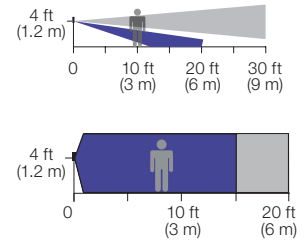
PIR beam diagram
(for reference only)



Ultrasonic coverage
(for reference only)



■ Major motion coverage
■ Minor motion coverage



Largest line of colors available

Sensors are available in 13 finishes;
7 gloss and 6 satin finishes.

residential.lutron.com/us/en/solutions/color-style-fabric

Gloss finishes

- White (WH)
- Light Almond (LA)
- Almond (AL)
- Ivory (IV)
- Gray (GR)
- Brown (BR)
- Black (BL)

Satin finishes

- Snow White (SW)
- Biscuit (BI)
- Palladium (PD)
- Taupe (TP)
- Midnight (MN)
- Hot (HT)

Code information

- Automatic shutoff
- Multi-level light controls (dimmers and dual-circuit)
- CA Title 20/24 2013
- ASHRAE 90.1 2010
- IECC 2012

[Lutron.com/energycodes](https://lutron.com/energycodes)

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- Customer service/quotes; 1.888.588.7661

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