

# Maestro® Sensors

Lutron quality and performance, now in a sensor.



Sensor  
switch



Dual-circuit  
sensor switch



Sensor  
C-L® dimmer



Dual-technology  
sensor switch



Dual-technology  
dual-circuit  
sensor switch

- **XCT technology with cross-correlation**
  - Won't leave you in the dark – no callbacks
  - Superior sensitivity recognizes the difference between fine human motion and background noise
  - Provides superior prevention of false-ons and false-offs
- **Durable design with clean aesthetic**
  - Tamper-resistant lens
  - 30+ year switch lifetime
- **Models for any application and all lighting loads**
  - Switches, dual-circuit switches, and dimmers
  - C-L dimmer for dimmable CFL and LEDs
  - Passive infrared and dual technology sensing

**View our  
sensor videos:**



**For more  
information:**

[www.lutron.com/  
OccVacSensors](http://www.lutron.com/OccVacSensors)

**Order now:**

Contact your local  
electrical distributor

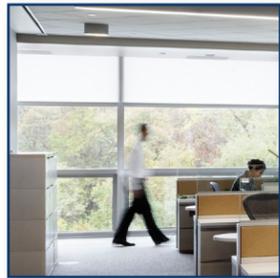
# Lutron sensors minimize callbacks

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

**Lutron detects 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 is not.

✓ **Major Motion**



Person walking 3 feet

✓ **Minor Motion**



Movements like extending your arm

✓ **Fine Motion**



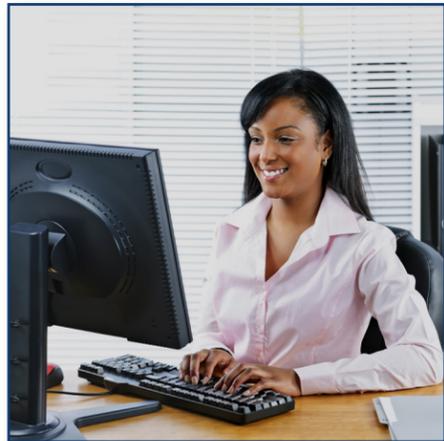
Small movements like flipping pages of a book

✓ **No False On**



Lights stay off when room is unoccupied

✓ **Very Fine Motion**



Minimal movements like typing on a keyboard

**NEW!**

**XCT technology now available for dual-technology sensors.**

Dual-technology sensors use passive infrared and ultrasonic together for maximized sensitivity.

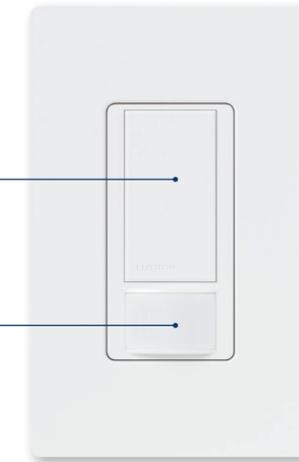
Durable design with modern, clean aesthetic

**All Lutron products backed by world-class support**

- 24/7 live technical support 1.800.523.9466
- Customer service/quotes 1.888.588.7661

30+ year switch lifetime  
(250,000 on/off switch cycles)

Tamper-resistant lens



Any voltage any phase  
(120 V only sensors also available)

Ambient light detection  
(set to learnable or fixed)

Available in 27 colors

Controls all lighting and fan loads



**LED**



**CFL**



**Incandescent/  
halogen**



**Magnetic  
low voltage**



**Electronic  
low voltage**



**Fluorescent**



**120 V Fan**

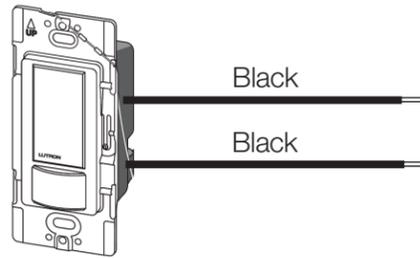
C•L® dimmer can dim these loads

# Easy Installation

Install in 5 minutes or less

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

## Single circuit (including dimming)



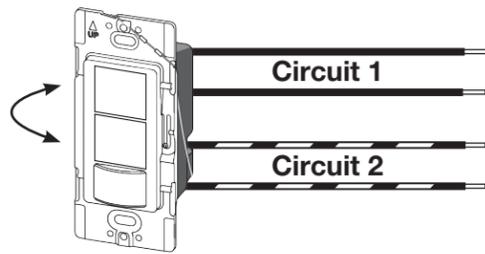
### Any voltage

120V & 120V - 277V

### Any phase

Phase A, B or C

## Dual circuit



### Any voltage

120V - 277V

### Any phase

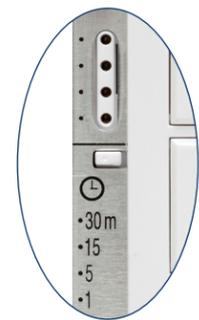
Phase A, B or C

### Easily reassign

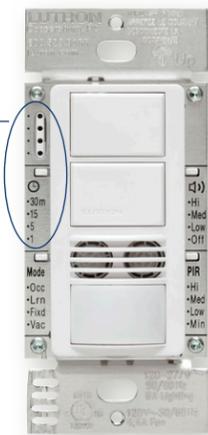
Change circuit with button press, no rewiring

## Easy setup

- No dip switches or dials
- Simple button press to change settings
  - Timeout
  - Sensitivity
  - Mode
    - Occupancy
    - Ambient light detection
    - Vacancy
- Dual-circuit models feature independent setting per circuit
- Dual-technology models feature easy to see LEDs indicate settings

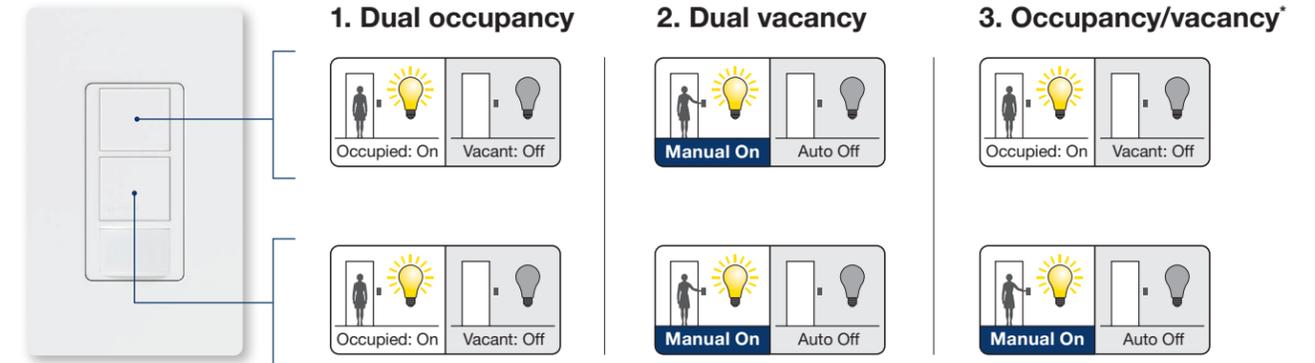


LEDs and a settings button



Dual-technology dual-circuit sensor switch

Dual-circuit models offer three options to save energy and meet codes



Dual-circuit sensor switch

Meet automatic shutoff and multi-level lighting control requirements for Title 20/24 2013, ASHRAE 90.1-2010, and IECC 2010. Learn more at [www.lutron.com/energycodes](http://www.lutron.com/energycodes).

\* Configurable model allows for all three options; Partial-On model has fixed settings locked to occupancy/vacancy

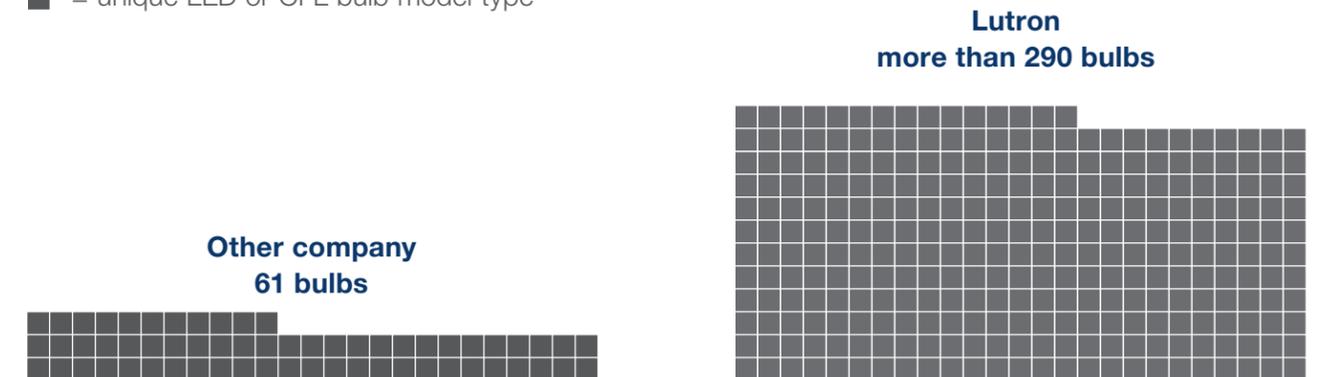
C•L® dimmer for dimmable CFLs and LEDs—save energy, create ambiance

### C•L dimmer controls multiple light bulb types

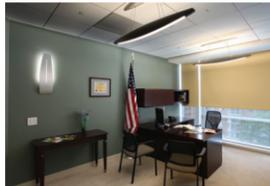
- Dimmable LED
- Dimmable compact fluorescent (CFL)
- Incandescent/halogen

### Sensor dimmer light bulb compatibility

■ = unique LED or CFL bulb model type



# Model information and key applications

	 2A	 5A	 6A	 Dual-circuit	 Dual-tech	 Dual-circuit dual-tech	 Dimmer
<b>Model Number</b>	MS-OPS2-XX*	MS-OPS5M-XX*	MS-OPS6M2-DV-XX* MS-OPS6M2N-DV-XX* neutral model	MS-OPS6-DDV-XX* Configurable model MS-PPS6-DDV-XX* Partial-on model	MS-B102-XX*	MS-B202-XX*	MSCL-OP153M-XX* C•L <sub>o</sub> Technology
<b>Key Applications</b>	 Small Space (storage room, closet) Kitchen	 Bathroom Private office	 Large Space Office	 Training rooms Conference room	 Private office Bathroom	 Conference room Training rooms	 Kid's room Kitchen
<b>Technology</b>	XCT PIR	XCT PIR	XCT PIR	XCT PIR	XCT dual-technology (PIR and ultrasound)	XCT dual-technology (PIR and ultrasound)	XCT PIR
<b>Coverage (sq ft)</b>	900 (major) 400 (minor)	900 (major)	900 (major)	900 (major)	900 (major)	900 (major)	900 (major)
<b>Timeout</b>	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	1, 5, 15, or 30 minutes	1, 5, 15, or 30 minutes per circuit	1, 5, 15, or 30 minutes
<b>Voltage</b>	120 V	120 V	120-277 V	120-277 V per circuit	120-277 V	120-277 V per circuit	120 V
<b>Amperage/Wattage</b>	2A lighting	5A lighting 3A (120V) fan	6A lighting 3A (120V) fan	6A lighting 4.4A fan load per circuit	6 A lighting 4.4 A fan load per circuit	6 A lighting 4.4 A fan load per circuit	600 W inc/halogens 150 W CFL/LED
<b>Single pole, 3-way, Multi-location</b>	Single pole	3-way/multi-location	3-way/multi-location	Single pole	3-way/multi-location	3-way/multi-location	3-way/multi-location
<b>Ambient light detection</b>	Smart	Smart	Smart	Smart	Smart or fixed	Smart or fixed	Smart
<b>Tamper-resistant lens</b>			+	+	+	+	
<b>Neutral wire required</b>			neutral wire version available		+	+	

**Meets automatic shutoff & multi-level lighting controls requirement (dual-circuit model)**

for Title 24 2013, ASHRAE 90.1-2010, and IECC 2010. [www.lutron.com/energycodes](http://www.lutron.com/energycodes)

Multi-location dimmers/switches work with up to nine companion dimmers/switches

3-way dimmers work with mechanical 3-way switches

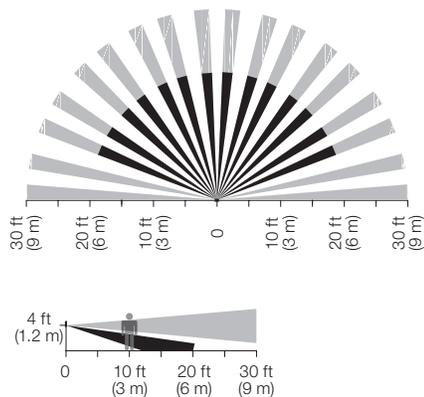
Vacancy-only models available. Replace "O" in model numbers with a "V".

\* XX denotes color suffix (above)

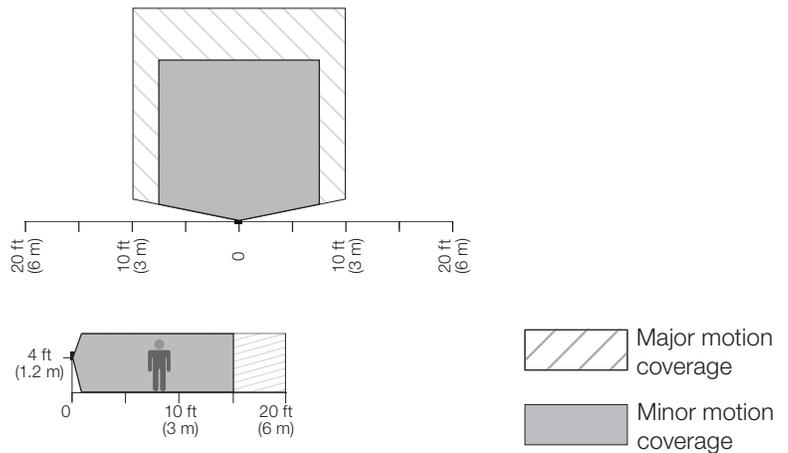
# Additional product information

## Coverage Patterns

### Passive Infrared Beam Diagram (For Reference Only)



### Ultrasonic Coverage (For Reference Only)



## Code Information

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

## Largest line of colors available

### Products are available in 7 gloss and 20 Satin Colors®.

- Gloss colors ship in 2 days
- Satin Colors ship in 2-10 days



Greenbriar



Stone



Plum

[www.lutron.com](http://www.lutron.com)



World Headquarters 1.610.282.3800  
Technical Support 1.800.523.9466 (Available 24/7)  
Customer Service 1.888.LUTRON1 (1.888.588.7661)

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