

Maestro® Sensors

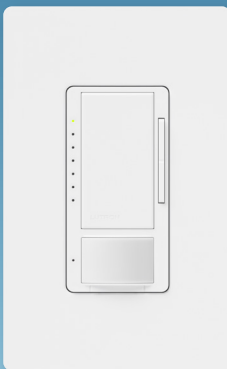
Lutron quality and performance, now in a sensor.



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.

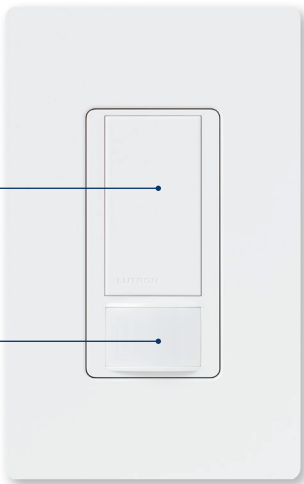
Durable design with modern, clean aesthetic

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

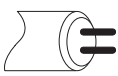
**LED**


**CFL**

**Incandescent/
halogen**

**Magnetic
low voltage**

**Electronic
low voltage**

**Fluorescent**

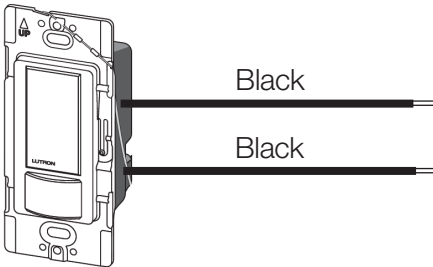
**120 V Fan**

C•L® dimmer can dim these loads

Easy Installation

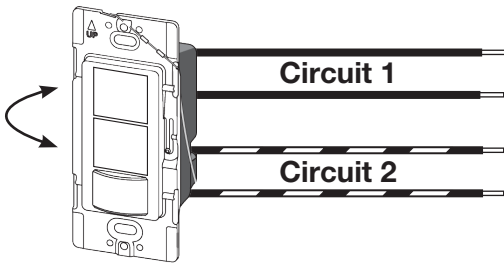
Install in 5 minutes or less
Mistake-proof wiring—no polarity for line or load side wiring

Single circuit (including dimming)



Any voltage
120V & 120V - 277V
Any phase
Phase A, B or C

Dual circuit

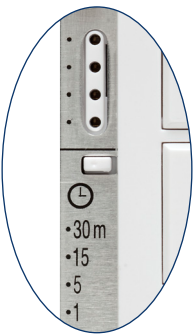


Any voltage
120V - 277V
Any phase
Phase A, B or C

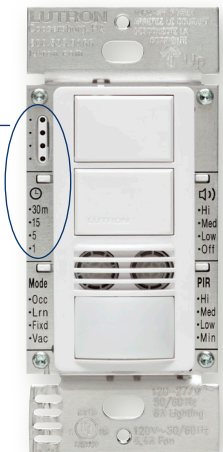
Easily reassign
Change circuit with button press, no rewiring

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

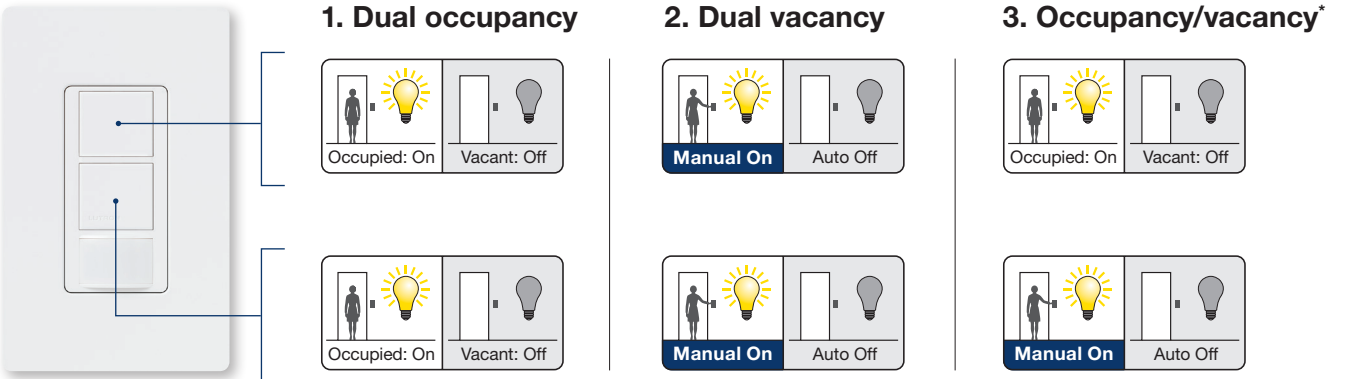


LEDs and a settings button



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.

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

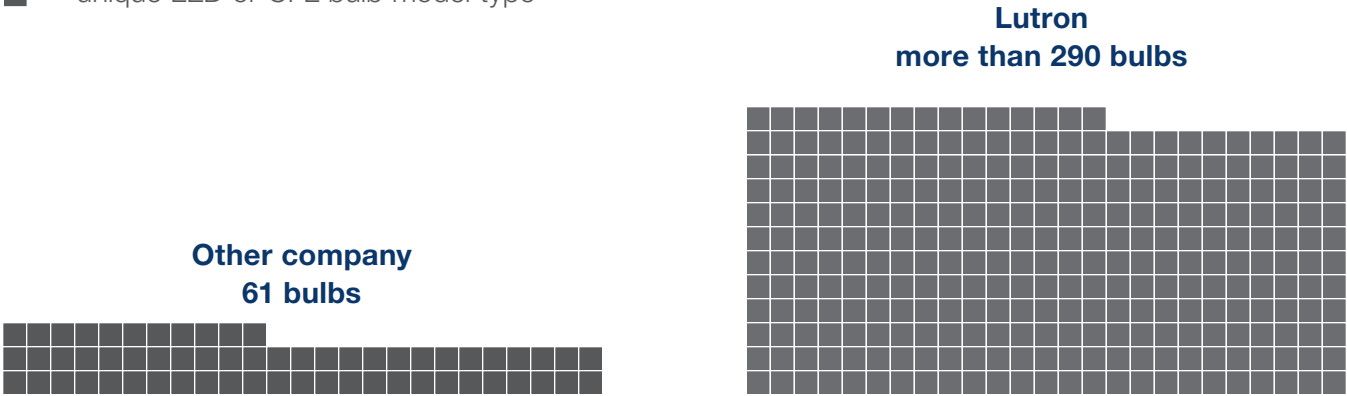
C•L® dimmer for dimmable CFLs and LEDs—save energy, create ambiance

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
Model Number	MS-OPS2-XX*	MS-OPS5M-XX*	MS-OPS6M2-DV-XX* MS-OPS6M2N-DV-XX* neutral model
Key Applications	 Small Space (storage room, closet) Kitchen	 Bathroom Private office	 Large Space Office
Technology	XCT PIR	XCT PIR	XCT PIR
Coverage (sq ft)	900 (major) 400 (minor)	900 (major)	900 (major)
Timeout	1, 5, 15, or 30 minutes	1, 5, 15, or 30 minutes	1, 5, 15, or 30 minutes
Voltage	120 V	120 V	120-277 V
Amperage/Wattage	2A lighting	5A lighting 3A (120V) fan	6A lighting 3A (120V) fan
Single pole, 3-way, Multi-location	Single pole	3-way/multi-location	3-way/multi-location
Ambient light detection	Smart	Smart	Smart
Tamper-resistant lens			+
Neutral wire required			neutral wire version available

			
Dual-circuit	Dual-tech	Dual-circuit dual-tech	Dimmer
MS-OPS6-DDV-XX* Configurable model MS-PPS6-DDV-XX* Partial-on model	MS-B102-XX*	MS-B202-XX*	MSCL-OP153M-XX* C•L [®] Technology
 Training rooms Conference room	 Private office Bathroom	 Conference room Training rooms	 Kid's room Kitchen
XCT PIR	XCT dual-technology (PIR and ultrasound)	XCT dual-technology (PIR and ultrasound)	XCT PIR
900 (major)	900 (major)	900 (major)	900 (major)
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
120-277 V per circuit	120-277 V	120-277 V per circuit	120 V
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
Single pole	3-way/multi-location	3-way/multi-location	3-way/multi-location
Smart	Smart or fixed	Smart or fixed	Smart
+	+	+	
	+	+	

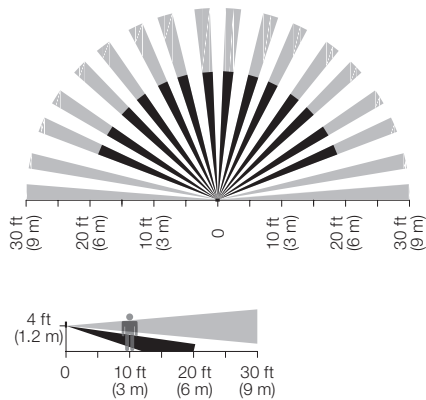
Meets automatic shutoff & multi-level lighting controls requirement (dual-circuit model)
for Title 24 2013, ASHRAE 90.1-2010, and IECC 2010. www.lutron.com/energycodes
Multi-location dimmers/switches work with up to nine companion dimmers/switches
3-way dimmers work with mechanical 3-way switches
Vacancy-only models available. Replace "O" in model numbers with a "V".

* XX denotes color suffix (above)

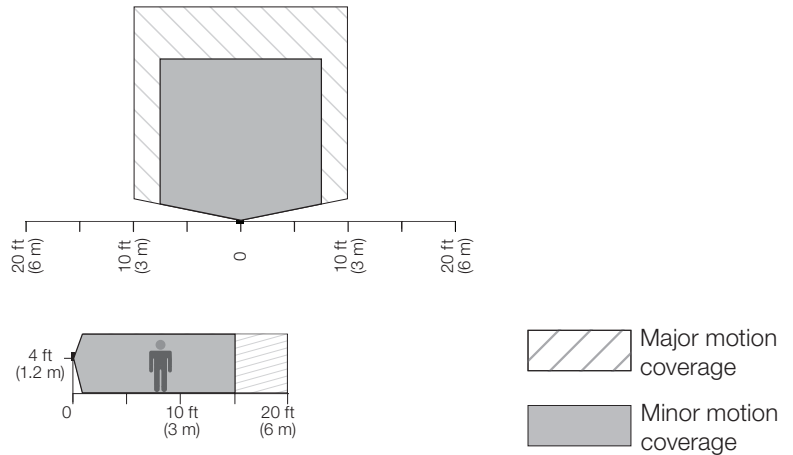
Additional product information

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



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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