

# Wallbox Sensor

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

## Passive Infrared (PIR) Wall Mount Sensor Switch

Single Relay, No Neutral  
 120V/AC  
 Incandescent, Halogen, CFL, LED, MLV, ELV  
 Fluorescent, Motor (1/6 HP)

### Passive Infrared Sensor Switch

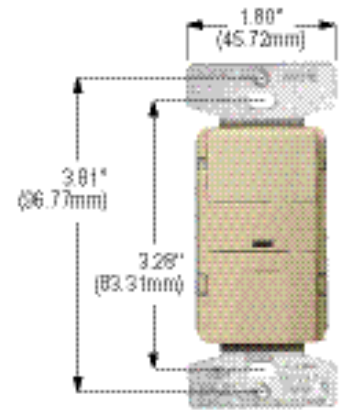
#### FEATURES

- Convenient installation and test mode for set-up
- Adjustable, built-in light level sensor (OS306U)
- Selectable time delay
- California Title 24 compliant (VS306U)
- For use with incandescent lamps, halogen fixtures, electronic and magnetic fluorescent, CFL, LED electrical motor loads
- Single-pole or 3-way wiring
- Manual OFF push button
- Color-matched, reinforced lens is tamper-resistant
- Fits any decorator wallplate
- Occupancy switch provides Automatic ON/ Automatic OFF (OS306U)
- Vacancy switch provides Manual ON/ Automatic OFF (VS306U)

#### Wire Leads – Wall Mount



Coverage Area	Description	Catalog No.	Available Colors
450 sq. ft. major motion (41.8 sq. m)	180° Passive Infrared Occupancy Sensor Switch	<input type="checkbox"/> OS306U-__	A, BK, GY, LA, V, W
450 sq. ft. major motion (41.8 sq. m)	180° Passive Infrared Vacancy Sensor Switch	<input type="checkbox"/> VS306U-__	A, BK, GY, LA, V, W



OS306U  
VS306U

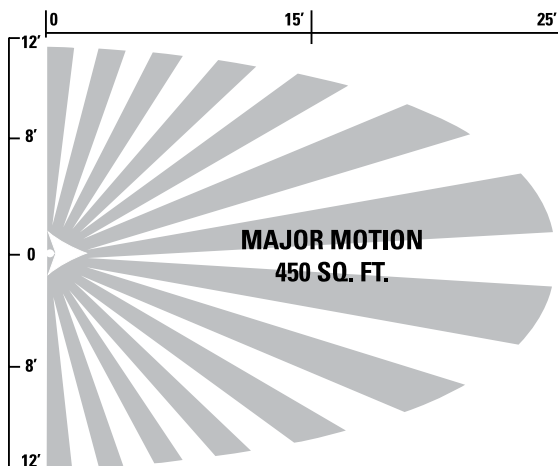
#### Color Ordering Information:

For ordering devices, include Cat. No. followed by the color code: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)



### Coverage Areas

#### COVERAGE PATTERN



#### TESTING & CODE COMPLIANCE

- Listed to UL 244A and 1472
- Listed to CSA 22.2 No. 184.1
- California Title 24 Energy Code compliant (VS306U)

#### MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL94 requirements; V2 rated
- Temperature Rating: 0°C to 40°C (32°F to 104°F)

# Sensor Switch Specification & Performance Data

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## Application

Cooper Wiring Devices' stylish passive infrared wallbox sensor provides a convenient energy saving lighting control alternative for 120V applications. The sensor includes light level sensing capability to further enhance the energy savings by preventing automatic control of the lights when the ambient light level is sufficient. This sensor is easily installed in any standard wallbox to control most lighting loads and is available in six colors.

<b>Device Type</b>		<b>Passive Infrared Wall Mount Occupancy Sensor, OS306U &amp; VS306U</b>
<b>Wiring Type</b>		Pre-stripped wire leads
<b>Testing &amp; Code Compliance</b>		Listed to UL 244A and 1472; CSA 22.2 No. 184.1 California Title 24 Energy Code compliant (VS306U)
<b>Warranty</b>		1-year limited warranty
<b>Specifications: Environmental</b>	Flammability	Meets UL 94 requirements; V2 rated
	Temperature Rating	0°C to 40°C (32°F to 104°F)
	Humidity Rating	Relative humidity less than 90%, non-condensing
	Operating Areas	For indoor use only
<b>Specifications: Electrical</b>	Power Requirements	120V/AC @ 60Hz
	Maximum Load	Incandescent/halogen @120V: 5A, 600W, 60Hz Fluorescent @120V: 5A, 600W, 60Hz Motor @ 120V: 1/6 HP
<b>Specifications: Mechanical</b>	Detection Technology	Passive Infrared (PIR)
	Mounting	NEMA wall box
	LED Indicating Lamp	Green (VS306U only)
<b>Specifications: Operation</b>	Time Delay	Adjustable, 5 min., 10 min., 20 min., 30 min., Test
	Coverage	450 sq ft. 180° field of view
	Operating Modes	Automatic ON/Automatic OFF (OS306U) Manual ON/Automatic OFF (VS306U)
<b>Specifications: Materials</b>	Lens	Reinforced, tamper-resistant fresnel lens
	Housing	Injection molded polycarbonate resin housing
<b>Dimensional Data</b>	Mounting Plate	4.20"H X 1.80"W (10.67cm x 4.57cm)
	Product Housing	2.60"H X 1.55"W X 1.85"D (6.62cm x 3.95cm x 4.72cm)

Specifications subject to change without notice.

## OS306U & VS306U Wiring Diagrams

