

## Lithonia Lighting WSXA WH

# Lithonia Lighting WSXA Wall Switch Sensor User Manual

MODEL: WSXA WH

## 1. Product Overview

The Lithonia Lighting WSXA Wall Switch Sensor is designed to provide efficient and convenient lighting control in various indoor environments. Its low-profile design and soft-click buttons offer a modern aesthetic, while its advanced sensing capabilities ensure reliable performance.

- **Wiring:** WSXA Family sensors feature a patent-pending wiring method that allows operation with or without a neutral connection.
- **Compatibility:** Fully compatible with LEDs, electronic and magnetic ballasts, CFLs, and incandescent lighting.
- **Dimming:** Supports 0-10V dimming luminaries for adjustable light levels.
- **Ratings:** Energy Management Equipment, UL916 (E167435) certified.
- **Protection:** Includes mis-wire protection, preventing damage to the device if line voltage is incorrectly wired to 0-10V wires.

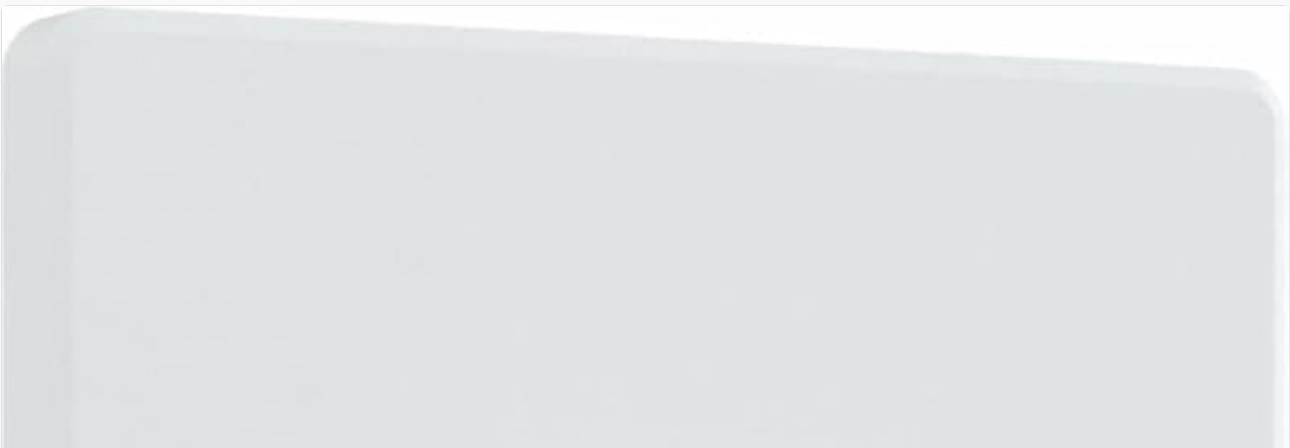




Figure 1: Front view of the WSXA Wall Switch Sensor.



Figure 2: Example application of the WSXA sensor in a commercial space.

## 2. Setup and Installation

Proper installation is crucial for the optimal performance of your WSXA Wall Switch Sensor. For detailed step-by-step instructions, please refer to the official Installation Manual.

### Key Installation Points:

- The sensor can be wired with or without a neutral connection, offering flexibility during installation.
- Ensure all power is turned off at the circuit breaker before beginning any wiring.
- The device features mis-wire protection to prevent damage from incorrect line and load wire connections.

Download the full [Installation Manual \(PDF\)](#) for comprehensive instructions.

# WSXA Wall Switch Occupancy Sensor

All WSXA family sensors have a stylish low profile appearance, soft-click buttons, and provide small motion detection up to 20 ft (6.10 m), and large motion detection up to 35 ft (10.70m), making them perfect for private offices, private restrooms, closets, conference rooms, or any other enclosed space.



Easy Installation



Affordable Lighting  
Solutions



5-Year Limited  
Warranty

Figure 3: Key benefits including easy installation.

## 3. Operating Instructions

The WSXA Wall Switch Sensor utilizes Passive Infrared (PIR) technology for occupancy detection. It can be configured for either Auto-On (default) or Vacancy mode.

- **Auto-On (Default):** In this mode, lights will automatically turn on when motion is detected and turn off after a set delay when the space becomes vacant.
- **Vacancy Mode:** In vacancy mode, lights must be manually turned on, but will automatically turn off after a set delay when the space becomes vacant. This mode is often used for energy code compliance.
- The sensor provides small motion detection up to 20 ft (6.10 m) and large motion detection up to 35 ft (10.70 m).

For detailed operational settings and adjustments, please refer to the [Instructions for Use \(IFU\) \(PDF\)](#).

**sensor**switch

**WSXA WH**

**Passive Infrared  
(PIR)**

**Auto-On (Default)  
or Vacancy**



Figure 4: WSXA WH PIR sensor modes: Auto-On (Default) or Vacancy.

## 4. Care and Maintenance

To ensure the longevity and optimal performance of your Lithonia Lighting WSXA Wall Switch Sensor, follow these simple care guidelines:

- **Cleaning:** Gently wipe the surface of the sensor with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components.
- **Environment:** Ensure the sensor is installed in an environment within its specified operating temperature and humidity ranges. Avoid exposing the device to excessive moisture or extreme temperatures.
- **Obstructions:** Keep the sensor lens clear of any obstructions (e.g., furniture, decorations) that might block its field of view and affect motion detection.

## 5. Troubleshooting

If you encounter issues with your WSXA Wall Switch Sensor, please consult the official Troubleshooting Guide for detailed solutions. Here are some common considerations:

- **No Power/Light Not Responding:** Verify that the circuit breaker is on and that the wiring connections are secure. The device has mis-wire protection, but incorrect wiring can still prevent operation.
- **Sensor Not Detecting Motion:** Check for any obstructions blocking the sensor's view. Ensure the sensor is installed at the recommended height and location for optimal coverage.
- **Lights Turning On/Off Unexpectedly:** Adjust the sensitivity settings if available (refer to IFU). Ensure there are no heat sources or air currents (e.g., HVAC vents) directly in the sensor's field of view that could cause false triggers.

For more in-depth troubleshooting steps, download the [Troubleshooting Guide \(PDF\)](#).

## 6. Technical Specifications

Below are the detailed technical specifications for the Lithonia Lighting WSXA Wall Switch Sensor:

| Specification                   | Value                                |
|---------------------------------|--------------------------------------|
| Operation Mode                  | ON-OFF                               |
| Current Rating                  | 0.01 Amps                            |
| Operating Voltage               | 10 Volts (Control), 120 Volts (Line) |
| Contact Type                    | Normally Closed                      |
| Connector Type                  | Clamp                                |
| Item Dimensions (L x W x H)     | 1.63 x 1.68 x 2.74 inches            |
| Actuator Type                   | Dimmer                               |
| Contact Material                | Plastic                              |
| International Protection Rating | IP54                                 |
| Number of Positions             | 1                                    |
| Lower Temperature Rating        | 150 Degrees Celsius                  |
| Upper Temperature Rating        | 250 Degrees Celsius                  |
| Control Method                  | Touch                                |
| Connectivity Protocol           | Wi-Fi                                |
| Color                           | White                                |

| Specification | Value         |
|---------------|---------------|
| Item Weight   | 5.5 ounces    |
| Manufacturer  | Acuity Brands |
| Model Number  | WSXA WH       |
| UPC           | 194994625902  |

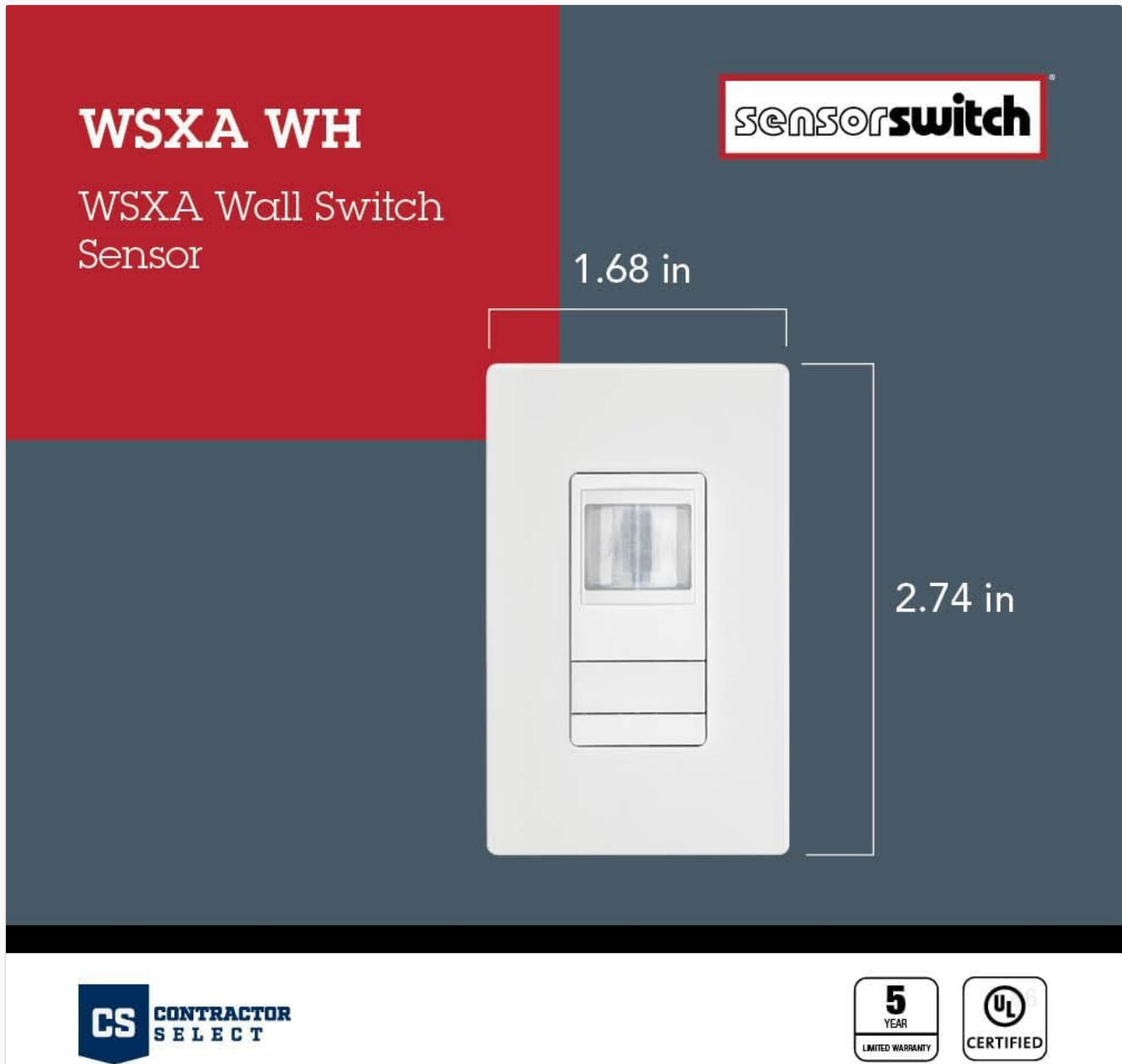


Figure 5: Dimensions of the WSXA WH Wall Switch Sensor.

## 7. Warranty and Support

Lithonia Lighting stands behind the quality of its products. The WSXA Wall Switch Sensor comes with a **5-year limited warranty**.

**Return Policy:** This product is eligible for a 30-day refund/replacement policy when purchased from Amazon.

For further assistance, product information, or to explore other products, please visit the official Lithonia Lighting store or refer to the following resources:

- [Installation Manual \(PDF\)](#)
- [Instructions for Use \(IFU\) \(PDF\)](#)
- [Troubleshooting Guide \(PDF\)](#)
- [Visit the Lithonia Lighting Store on Amazon](#)