



INTELLISIGHT® Two-Wire UNIVERSAL SENSOR SWITCH

Project:

Location/Type:

Description

Switch:

The IntelliSight® Two-Wire Sensor Switch is a designer-style, multiple technology, occupancy-sensing wall switch. The switch is rated for a 1000 watt load when used in 120VAC or 277VAC applications. Each unit has an automatic shut-off feature and provides multi-location on/off (three-way) control when used with the Lightolier® Controls ITS2U Remote. The IntelliSight® Two-Wire Sensor Switch operates and controls incandescent, magnetic/electronic low-voltage, magnetic/electronic fluorescent, cold cathode, and general inductive loads.

Remote:

As an option, the IntelliSight® ITS2U switch can be combined with an ITS2U Remote for 3-way applications. This remote is a designer-style, multi-location device that uses existing three-way wiring to control the on/off commands for any IntelliSight® sensor.

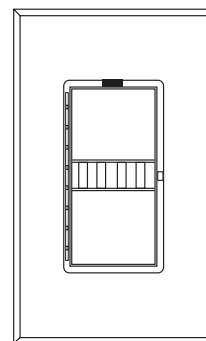
Features

Switch:

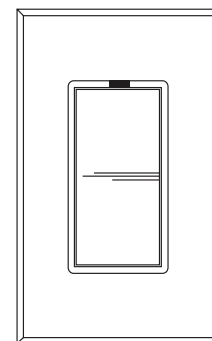
- Attractive designer styling - complements other designer-style electrical devices and faceplates.
- Multiple technology - multiple technologies to improve sensitivity and decrease false triggering. This also makes a much more user-friendly and customizable device without creating complexity.
- Intelligent self-adjustment mode - continuously monitors space and occupancy patterns to self adjust to the most efficient control of the monitored space.
- Adjustable time-out period, including automatic.
- Sensor sensitivity setting - user configurable sensor sensitivity to tailor switch to unusual spaces.
- Universal voltage - 120 to 277 Volts AC power with a single ground connection. Minimum inventory, easy installation.
- Minimum load requirement of less than 5W (incandescent) and 25W (fluorescent).
- Employs zero-crossing technology.
- Selectable audible tones - device emits a selectable audible signal before the lights shut off, allowing the occupant to maintain the ON status, if so desired.
- Ambient light override - Can monitor ambient light to prevent switch from turning on if ambient light is above a certain level.
- Power fail memory - years of power failure memory for building sweeps and unplanned power losses.
- LED indicator - lights when sensor detects occupancy.
- Automatic air gap when lights are off. Can be locked for maintenance.
- Reinforced lens - minimal protrusion from the wall, maximum protection.
- California Energy Commission's appliance efficiency regulations - Title 24 compliant for use in commercial and residential applications.

Remote:

- Streamlined appearance and operation.
- Provides on/off controls for any IntelliSight® sensor from additional locations.
- Unlimited remotes can be used for multi-location control.



Sensor



Remote

Custom engraved faceplates available.

Operation

Switch:

- Turn switch on:
 - Manual - tap the top of the rocker.
 - Automatic (if applicable) - automatically turns on lights as soon as occupancy is detected.
- Turn switch off:
 - Automatic - device automatically turns the lights off when the space has been vacant and the time-out period has elapsed.
 - Manual - tap the bottom of the rocker to turn lights off.

Remote:

- Turn the lights on:
 - Tap the top of the switch once.
- Turn the lights off:
 - Tap the bottom of the switch once.

Note: The switch must be properly grounded.

Specifications

Switch:

The IntelliSight® Two-Wire Universal Sensor Switch is rated for 120VAC / 60Hz / 1000W and 277VAC / 60 Hz / 1000W to control incandescent, quartz halogen, inductive, magnetic, non-dim fluorescent ballasts, and low voltage loads. The device has a minimum load of less than 5W (incandescent) and 25W (fluorescent).

The device detects occupancy in an area of approximately 4000 square feet, with a minimum field of view that is equal to 170 degrees and an axial range of 40 feet. A set of lens masking labels is provided to reduce the field of view to 60, 90, or 120 degrees.

Device operations include on, off, automatic on and automatic off. It can accept on/off commands from an unlimited number of Lightolier® Controls multi-location Remotes.

An LED indicates when a sensor detects occupancy. In addition, the unit will emit a short warning sound before automatically turning the lights off, allowing the user time to keep the lights on, if they so desire.

The switch includes user-configurable control modes for ambient light override, heat signature sensitivity, time out (ranging in time from 1-30 minutes). However, all adjustment controls and air gap switches (to open the circuit completely) are unobtrusive and are not required for normal operations.

Only two wires plus ground are needed to operate this device. A neutral connection is not required.

The IntelliSight® Two-Wire Sensor Switch mounts in a single-gang wall box and can be ganged with other designer-style electrical devices and/or faceplates. Each unit includes a designer-style screwless faceplate, available in the colors of White, Ivory, or Light Almond.

Remote:

Each Multi-Location remote provides three-way, multi-location, on/off control to one IntelliSight® Sensor Switch.

Each unit connects with only two wires plus ground. The device mounts in a single-gang wall box and can be combined with other designer-style faceplates and electrical devices. Each unit includes a designer-style screwless faceplate, available in the colors of White, Ivory, or Light Almond.

Load Types:

The IntelliSight® Two-Wire Sensor Switch operates and controls incandescent, magnetic/electronic low-voltage, magnetic/electronic fluorescent, cold cathode, and general inductive loads.

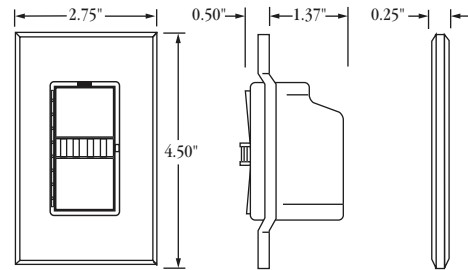
Colors:

Each available in White (W), Ivory (I), and Light Almond (LA).

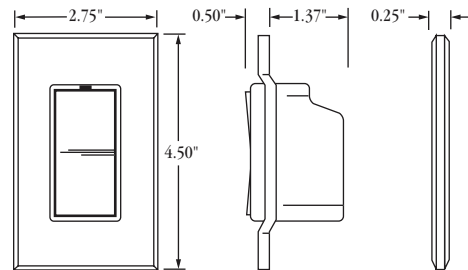
Efficiency:

This IntelliSight® product meets California Energy Commission's appliance efficiency regulations for Title 24 for use in commercial and residential applications.

Dimensions

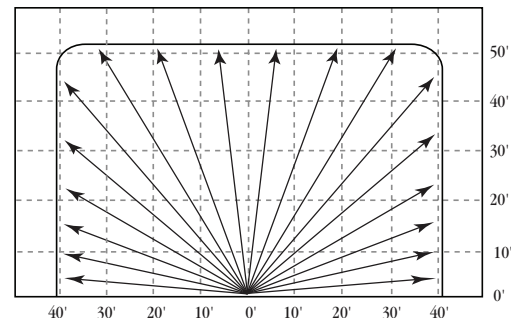


Sensor

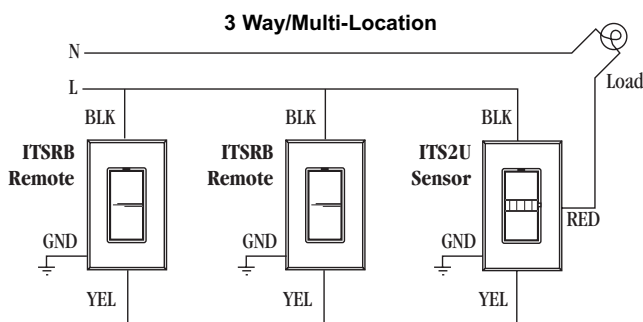
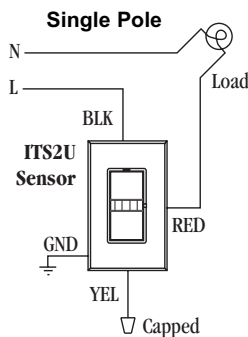


Remote

Field of View



Wiring Diagrams



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www.lolcontrols.com P/N 87-0585F