

**LIGHTOLIER
CONTROLS**

INTELLISIGHT LOW-VOLTAGE CEILING OCCUPANCY SENSOR

Project:

Location/Type:

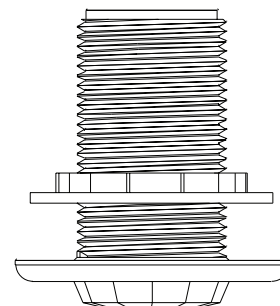
Description

The IntelliSight Low-Voltage Ceiling Occupancy Sensors are multi-technology occupancy-sensing low-voltage devices that are designed for use with one or more IntelliSight System Power Packs. Each unit provides automatic on/off, or manual on, operations using a wall-mounted switch. Up to eight sensors can be used with each power pack, and up to two power packs can be controlled by one sensor. A combination of both wall and ceiling-mounted sensors may be used.

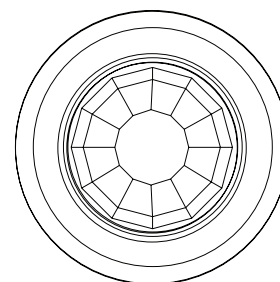
The ITSCS ceiling sensor meets the needs for all common occupancy detection applications such as individual and open office spaces, classrooms, restrooms, hallways, and more. The ITSCSHB sensor is specifically designed for high-bay (or high ceiling) jobs such as warehouses, gymnasiums, atriums, retail spaces, parking garages, etc.

Features

- Low-profile and attractive designer styling which complements any space with elegant lines and great looks.
- Multiple technologies improve sensitivity and decrease false triggering creating a user-friendly and custom device without creating complexity.
- Intelligent self-adjustment mode which continuously monitors space and occupancy patterns to self-adjust to the most efficient control of the monitored space.
- Adjustable time-out period from 1 to 30 minutes.
- User-configurable sensor sensitivity setting to tailor switch to unusual spaces.
- Ambient light override which monitors ambient light levels to prevent switch from turning on if ambient light is above a certain level.
- LED indicator illuminates when movement is detected.
- Unobtrusive, reinforced lens with minimal protrusion from the ceiling.
- Energy efficiency and savings resulting from the lights automatically turning off when the space is vacant and the time-out period has elapsed.
- Simple set up procedures with easily accessible sensitivity and photocell controls.
- Mode selection which allows the user to select either an automatic or manual "on" command.
- Two distinct models for all ceiling-mounted occupancy sensor needs – for low and high ceiling applications.
- User-friendly infrared programming unit (sold separately) to make programming easy and simple without the use of ladders or tools.
- California Energy Commission's appliance efficiency regulations - Title 24 compliant for use in commercial and residential applications.



SIDE VIEW



BOTTOM VIEW

Ordering Info

ITSCS	IntelliSight Low-Voltage Ceiling Occupancy Sensor
ITSCSHB	IntelliSight High Bay Low-Voltage Ceiling Occupancy Sensor
ITSIR1	Infrared Remote Programming Unit
<i>For use with (sold separately):</i>	
ITSRP1U	IntelliSight Relay Power Pack, 1 Relay, Universal Voltage (120 ~ 277 VAC)
ITSRP2U	IntelliSight Relay Power Pack, 2 Relay, Universal Voltage (120 ~ 277 VAC)
ITSRP4U	IntelliSight Relay Power Pack, 4 Relay, Universal Voltage (120 ~ 277 VAC)

Specifications

IntelliSight ITSCS and ITSCSHB Low-Voltage Ceiling Occupancy Sensors meet United States and Canadian safety standards for low-voltage use. The units detect occupants using non-intrusive, multiple detection technologies consisting of passive infrared, enhanced passive infrared, reading of light frequency, and digital signal processing through a multi-faceted Fresnel lens system. The units are capable of detecting movement in a working plane located three feet above the floor.

ITSCS - When mounted at a height of 12 feet, the standard Ceiling Occupancy Sensor detects occupancy in an area of more than 1,200 square feet with a minimum field of view that is equal to 360 degrees and an axial range of 40 feet.

ITSCSHB - When mounted at a height of 24 feet, the High Bay Ceiling Occupancy Sensor detects occupancy in an area of more than 2,800 square feet with a minimum field of view that is equal to 360 degrees and an axial range of 40 feet.

A set of lens masking labels is provided with the units to reduce the field of view to fit the space, or multiple detectors may be used to extend coverage.

The units include user-established control modes for ambient light override, heat signature sensitivity, time out (ranging in time from 1 to 30 minutes). However, all adjustment controls are unobtrusive and are not required for normal operations.

Device operations include manual on or automatic on. When set for automatic on, the lights will automatically turn on when movement is detected in the monitored area. Both the manual on and automatic on settings will include automatic off when the space is vacated and the time-out period has elapsed.

An integral photocell will measure the amount of available ambient light and will prevent its controlled loads from turning on automatically if the ambient light is of an adequate amount.

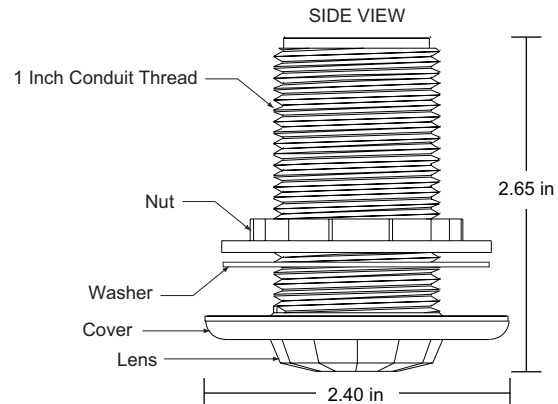
An LED indicator illuminates when the sensor detects occupancy.

IntelliSight Low-Voltage Ceiling Occupancy Sensors communicate to IntelliSight System Power Packs and wires to the system via four #18-#22 AWG low-voltage conductors using Belden 8723 stranded two-pair conductor or standard CAT5e stranded cable (or equivalent). All components are contained in the high-impact, matte white finish plastic housing. This housing projects no more than 1/2-inch from the ceiling.

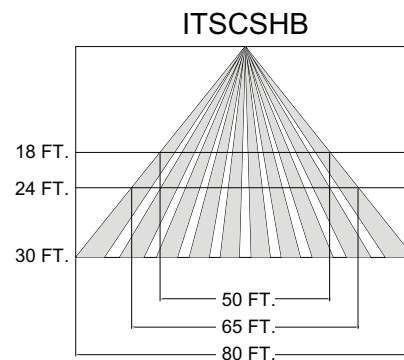
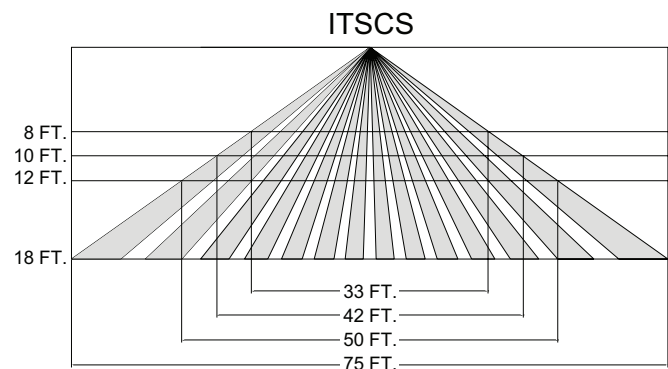
This IntelliSight product meets California Energy Commission's appliance efficiency regulations for Title 24 for use in commercial and residential applications.



Dimensions



Field of View



Philips Lighting Controls
2828 Trade Center Dr, Ste 130B
Carrollton, Texas 75007



Technical/Sales assistance: 1-800-526-2731

Made in U.S.A.

www.philipslightingcontrols.com P/N 87-0635D