



INTELLISIGHT® LOW-VOLTAGE PHOTOCELL DAYLIGHTING SENSOR

FOR USE WITH INTELLISIGHT® RELAY POWER PACKS

Project:

Location/Type:

Description

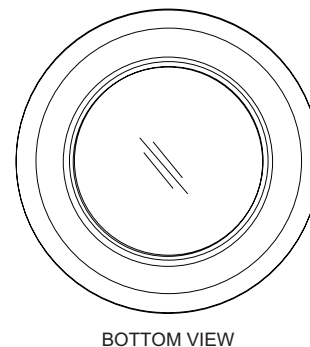
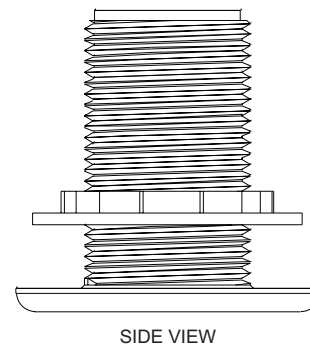
The IntelliSight® ITSPCS is a low-voltage daylighting sensor that measures changes in ambient light and controls its connected lighting loads according to the user's programming. The unit is able to decipher minor changes in light levels (such as passing cloud cover, intermittent shadowing, etc.) to prevent unwanted or inadvertent light cycling. In addition, the unit provides a programmable time-delay fade from 1 to 30 minutes for smooth light-cycling transitions.

This unit is designed for use with one or more IntelliSight® System Power Packs. Each unit provides on and off operation when used with an ITSRP1U, ITSRP2U, or ITSRP4U relay power pack. When the device is connected to an ITSRPHDF2U, ITSRPHDF4U, ITSRPFAM2U, or ITSRPFAM4U relay packs (with fluorescent dimming modules), the ITSPCS can dim the loads according to the space's needs for maximum energy conservation. Up to eight sensors can be used with each power pack.

The IntelliSight® ITSPCS is easily and safely programmed, from the ground, via its infrared hand-held programming unit; therefore eliminating the need for a ladder to reach the unit for set up.

Features

- Low-profile and attractive designer styling which complements any space with elegant lines and great looks.
- Unobtrusive, reinforced lens with minimal protrusion from the ceiling.
- User-configurable sensor sensitivity setting to tailor unit to meet any space's needs.
- Constantly monitors ambient light levels to turn on lights when needed and prevent them from turning on when ambient light is above a certain level.
- Intelligent light processing to prevent unwanted light-cycling from passing clouds, intermittent shadows, etc.
- Device works with all IntelliSight® relay powers packs for simple on/off operation or dimming (depending on the connected IntelliSight® relay power pack).
- User-friendly infrared programming unit (sold separately) to make programming easy and simple without the use of ladders or tools.
- LED indicator illuminates when device is active.
- California Energy Commission's appliance efficiency regulations - Title 24 compliant for use in commercial and residential applications.



Specifications

The IntelliSight® Low-Voltage Daylighting Sensor meets United States and Canadian safety standards for low-voltage use. It reads ambient light frequency and processes light-level information, collected through a multi-faceted lens system, via DSP (digital signal processing).

The ITSPCS daylighting sensor provides user-programmable parameters to detect and identify ambient light levels and control its connected loads via IntelliSight® relay power packs. The unit monitors minor changes in light levels (such as passing cloud cover, intermittent shadowing, etc.) to prevent unwanted or inadvertent light cycling. As part of its programming, a time-delay fade is user-selectable (from 1 to 30 minutes) for smooth light-cycling transitions.

The ITSPCS daylighting sensor shall allow the following user-programmable features:

1. Manual On and Off override via a wall-mountable 3-way switch.
2. A set-point range, to control a zone of lighting, of 1 to 1500 foot-candles.
3. A set-point range of 1 to 900 foot-candles when ambient lighting drops below the user-defined level for more than 20 seconds, the controlled lighting will be turned on.
4. An adjustable dead-band feature with 25%, 50%, 75%, or 100% in relation to the unit's user-defined set point(s) (to prevent unwanted light cycling).
5. A time-delay range of 30 seconds to 30 minutes (to prevent unwanted light cycling).

An LED indicator illuminates when the sensor is operating.

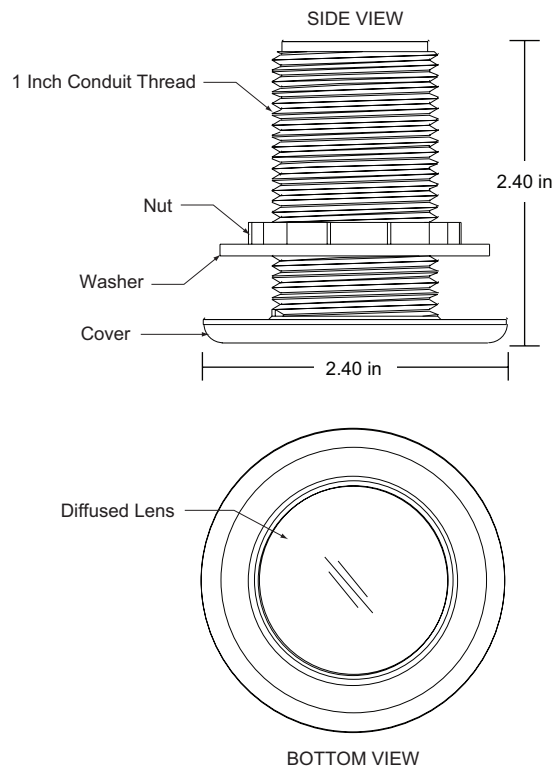
IntelliSight® Low-Voltage Ceiling Occupancy Sensors communicate to IntelliSight® System Power Packs and wires to the system via four #18-#22 AWG low-voltage conductors using Belden 8723 stranded two-pair conductor or standard CAT5e stranded cable (or equivalent). All components are contained in the high-impact, 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.

Operating temperature: 0-40° C



Dimensions



Lightolier Controls
2828 Trade Center Dr. Ste. 130B
Carrollton, TX 75007



Technical/Sales assistance: 1-800-526-2731
Made in U.S.A. ©2009 Philips Group.
www.lolcontrols.com P/N 87-0675C