

# IrisSlide

## INTERIOR Lighting Control System

### APPLICATIONS

- Classrooms
- Small Offices
- Conference Rooms
- Retail Stores
- Lobbies



PROJECT	
LOCATION	

### FEATURES

- Fluorescent ballast dimming
- Easy to install
- Cost effective
- Daylight harvesting
- No programming required
- Ideal for small locations
- Control up to 55 ballasts from one Iris Slide
- Continuous flicker free control from 100% to 5%
- 120VAC or 277VAC
- Single-pole or 3-way device
- Class 2 adjustable sensor, photodiode based

### DESCRIPTION

The Iris Slide is a cost-effective and energy efficient way to control electronic ballast lighting. Combining the Iris sensor with the Slide Control switch, it provides the savings of daylight harvesting with the flexibility of slide control dimming. This gives you the ability to minimize electrical usage across a room's ballast-driven lighting while still having the ability to slide-dim or even shut-off the lighting. All done at the source, using just a single sensor and a switch.

#### Iris Sensor

A key component to the Iris Slide is the Iris sensor. The Iris sensor will achieve specified light levels by measuring the amount of existing daylight in a

room and supplementing with light from fluorescent fixtures. This class 2 adjustable sensor is photodiode based and can be used to control up to fifty 0-10VDC fluorescent dimming ballasts.

#### Slide Control Switch

Another key element of the Iris Slide is the Slide Control switch. This switch provides the ability to turn the lights on or off, or anything in between. The device provides flicker-free dimming of each fixture's output, from 100% all the way down to 5%. It also provides a choice of 120VAC or 277VAC, in either a single-pole or 3-way device.

**NOTE:** When using the Iris and the Slide Control switch together, please use the Slide Control switch ratings.

## TECHNICAL DATA

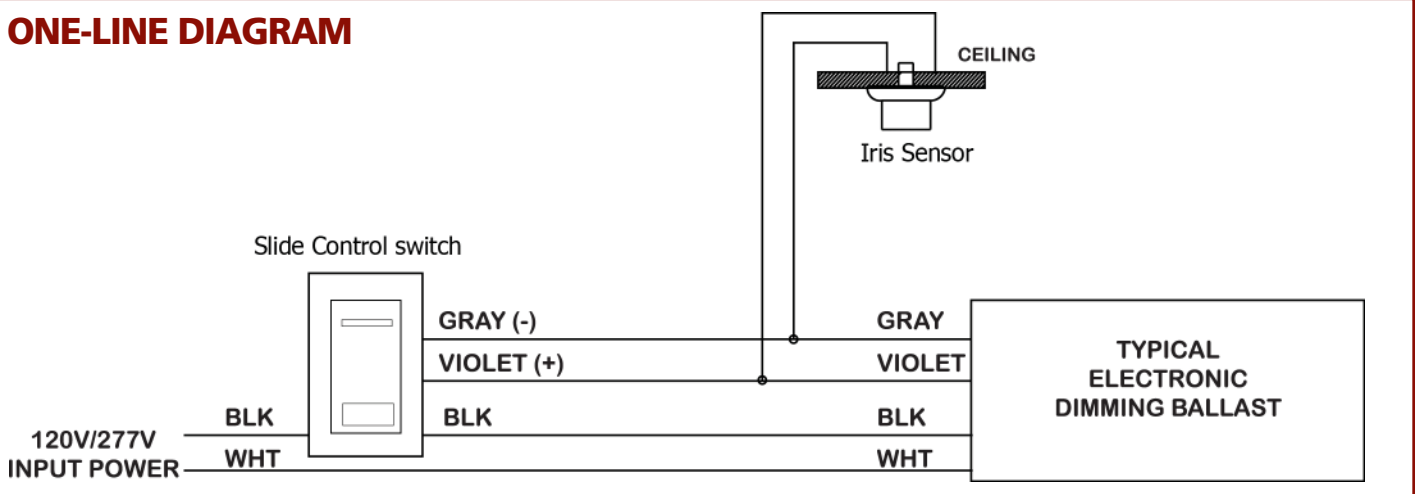
### Iris Sensor

**Input Voltage:** 10VDC (supplied by ballast)  
**Current:** Sink up to 25mA  
**Low Output:** 0DC  
**High Output:** 10VDC  
**Adjustment:** Range Response: 10-140fc  
 Time Response: Intact - 20 sec. Cut white/green loop - 10 sec.  
**Operating Temperature:** -13° F to 140° F  
**Accuracy:** +/- 1% at 70° F (21° C)  
**Tolerance:** Repeatability: 12%, Linearity: +/- 0.5%  
**Wiring:** Violet: Input voltage, Gray: Sinking voltage  
 White/Green: This wire loop controls the sensor response delay,  
 leave intact for 20 sec. delay, cut for a 10 sec. delay  
**Compliance:** NEC Class 2; RoHS; California Title 24

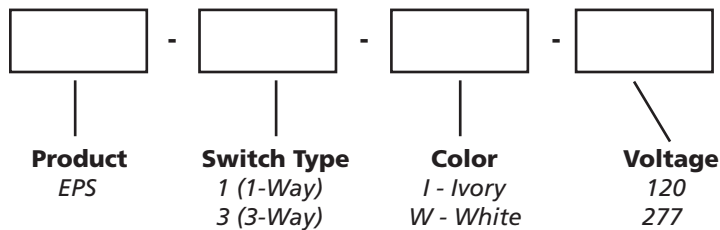
### Slide Control switch

**Accuracy:** Continuous, flicker-free control from 100% to 5%  
**Power Rating:** 120VAC 8.5A  
 277VAC 3.7A  
**Dimming Input:** 10VDC (from ballast)  
**Low Output:** 0VDC  
**High Output:** 10VDC  
**Wiring:** Black: Input voltage, Gray: Sinking voltage  
**Compliance:** NEC Class 2

## ONE-LINE DIAGRAM



## ORDERING INFORMATION



A Division of PLC Multipoint, Inc.

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