

Simplicity® PhotoSlide™ Lighting Control System for Interior LED & Fluorescent Use

APPLICATIONS

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



PROJECT	
LOCATION	

FEATURES

- LED and Fluorescent ballast dimming options available
- Easy to install
- Cost effective
- Daylight harvesting
- No programming required
- Ideal for small locations
- Control up to 50 ballasts from one PhotoSlide™ system
- Continuous flicker free control from 100% to 5%
- 120VAC or 277VAC
- Single-pole or 3-way device
- Class 2 adjustable sensor, photodiode based
- UL 1472 and 916 Listed
- Made in U.S.A.
- ARRA project compliant

DESCRIPTION

The PhotoSlide™ Lighting Control System is a cost-effective and energy efficient way to control LED or electronic ballast lighting. Combining the **Simplicity®** Sensor and Slide Controller 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 LED or 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.

Simplicity® Photo Sensor

A key component to the PhotoSlide™ system is the **Simplicity®** Sensor. The **Simplicity®** Sensor will achieve specified light levels by measuring the

amount of existing daylight in a room and supplementing with light from LED or fluorescent fixtures. This class 2 adjustable sensor is photodiode based and can be used to control LED's or up to fifty 0-10VDC fluorescent dimming ballasts.

Simplicity® Slide Controller Switch

Another key element of the PhotoSlide™ 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 Photo Sensor and the Slide Controller switch together, please use the Slide Controller switch ratings.

TECHNICAL DATA : **Simplicity**® PhotoSlide™ Lighting Control System

Simplicity® Photo Sensor

Input Voltage:	10VDC (supplied by LED driver or fluorescent 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

Simplicity® Slide Controller Switch

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

