

0-10V Slide Dimmer Wallstation

Catalog#	Prepared by
Project	Date
Comments	Type

Overview

The 0-10 Volt Slide Dimmer provides full-range classic linear-slide dimming for 0-10V compatible dimmable light sources. These units are ideal for light commercial applications and are compatible with decorator style devices and wallplates. The preset "ON/OFF" switch automatically returns controlled light(s) to a preset level without disturbing the brightness level. The device is designed for both Single-pole (one location) and 3-way (multi-location) applications.

Features

- Preset feature allows user to return to previous light level when turning lights ON
- Integrated full-slide control for easy, precise operation
- Can be wired as Single-pole or 3-way
- Neutral is not required for installation of device
- Adjustable high-level trim setting for optimal lamp compatibility



Specifications

Switch Type	Single-pole and 3-way
Dimming Control	0-10 VDC: 200mA Sink Sink Dimming
Electrical Ratings	120 VAC: Max. Load: 10 amps, 1200W, 60 Hz 277 VAC: Max Load: 6 amps, 1660W, 60 Hz
Light Intensity Control	Full-range, continuously variable dimming Adjustable High-level trim setting
Power Failure Memory	Light returns to same level prior to power interruption
Wiring Type	Back & side wiring terminals; 12-14 AWG (Copper wire) 0-10V wire leads; 16 AWG
Flammability	Meets UL 94 requirements, V2 rated
Temperature	-4°F to 158°F (-20°C to 70°C)

Warning

- This product is not intended to be used in applications involving the use of ammonia-based or VOC cleaners.
- Use of ammonia-based or VOC cleaners on this device must be avoided. Prolonged use may cause loss of integrity and expose electrified components. If this occurs, turn OFF power to the unit and replace.
- For detailed cleaning guidelines please refer to: Controls Care and Maintenance instructions at the end of this document.

Wiring Diagrams

FIGURE 1: SINGLE-POLE WIRING DIAGRAM

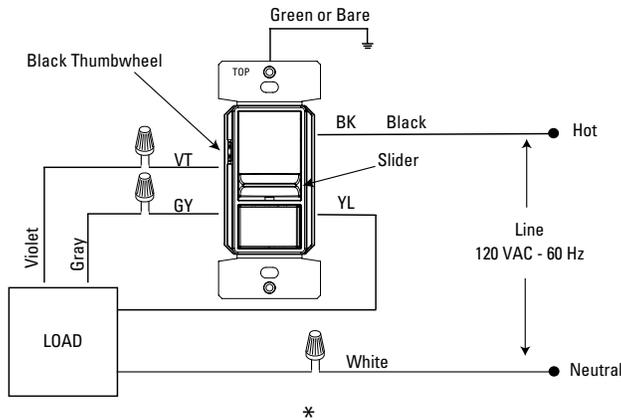
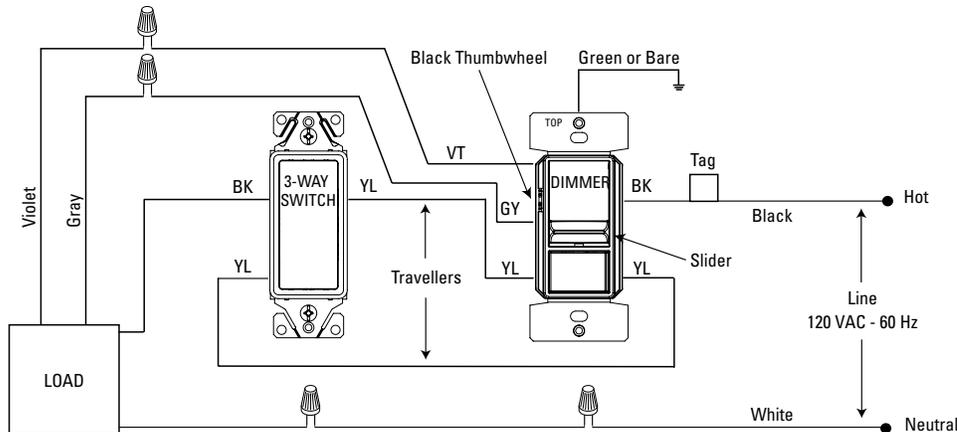


FIGURE 2: 3-WAY WIRING DIAGRAM



*Can be installed on load or line side in 3-way applications

Visit our website for additional wiring details at www.cooperlighting.com

April 2024

Ordering

*Wallplate not included

This is an accessory for the Greengate Lighting Control System. When ordering, specify the 0-10V slide dimming wallstation as a separate system accessory.

Catalog #	Description	Colors
WBSD-010SLD-LA	Dimmer Slider 0-10V, 120/277 VAC	Light Almond
WBSD-010SLD-BK	Dimmer Slider 0-10V, 120/277 VAC	Black
WBSD-010SLD-GY	Dimmer Slider 0-10V, 120/277 VAC	Gray
WBSD-010SLD-V	Dimmer Slider 0-10V, 120/277 VAC	Ivory
WBSD-010SLD-W	Dimmer Slider 0-10V, 120/277 VAC	White

* Refer to Screwless Wallplate Spec Sheet for ordering information at www.cooperlighting.com.

Note: Custom engraving is not available on 0-10V dimming wallstations.

Cooper Lighting Solutions
 1121 Highway 74 South
 Peachtree City, GA 30269
 P: 770-486-4800
www.cooperlighting.com
 For service or technical assistance:
 1-800-553-3879

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Specifications and
 dimensions subject to
 change without notice.



Cooper Lighting Solutions has developed recommended guidelines for cleaning our products that will not impact the operation or finish of the product.

Recommended cleaning tips:

- **Never spray any fluids directly into the device.**
- **Use of ammonia-based or VOC cleaners on this device must be avoided.** Prolonged use may cause loss of integrity and expose electrified components. If this occurs, turn OFF power to the unit and replace.
- **Use a damp rag or single-use wipe** to avoid excess liquid penetrating the device.
- Be sure to wipe up remaining excess liquid after cleaning.
- Ensure the cleaning agent used does not have harsh chemicals such as bleach, ammonia, highly alkaline or concentrated acids (such as hydrochloric acid that can be found in household cleaners such as toilet bowl cleaners, bathroom tile and porcelain cleaners) as they could damage the device, causing them to become brittle and discolored.
- Cooper Lighting Solutions recommends the use of a mild liquid detergent and water to clean the devices. Single use wipes (e.g. Lysol brand or equivalent) are acceptable to use for cleaning the devices, however the single-use wipes **cannot contain bleach, ammonia, highly alkaline or concentrated acids.**

Recommended cleaning instructions:

- **Never spray any fluids directly into the device.**
- Apply the mild liquid detergent to a damp cloth or paper towel. Single use wipes (e.g. Lysol brand or equivalent) are acceptable to use for cleaning the devices, however single-use wipes cannot contain bleach, ammonia, highly alkaline or concentrated acids.
- If excess liquid is present, remove by wringing out the cloth or paper towel to avoid liquid penetration into the device.
- Clean the Cooper Lighting Solutions device by wiping over the surface with the damp cloth.
- Remove an excess liquid remaining on the device with a dry cloth or paper towel.

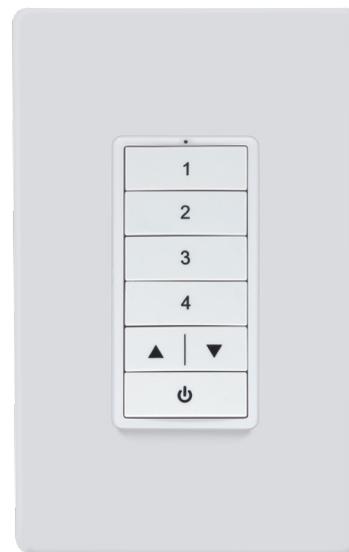


image for reference only

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