0-10V Decorator Dimmer Wallstation

Catalog#	Prepared by
Project	Date
Comments	Type

Overview

The 0-10V Decorator Dimmer provides full-range classic linear-slide dimming for 0-10 Volt compatible dimmable light sources. These units are ideal for light commercial applications and are compatible with decorator style devices and wallplates. Units feature a preset "ON/OFF" switch that 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
- Each package includes faceplate kit with 3 colors

California Title 20 Compliant

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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)

Wiring Diagrams

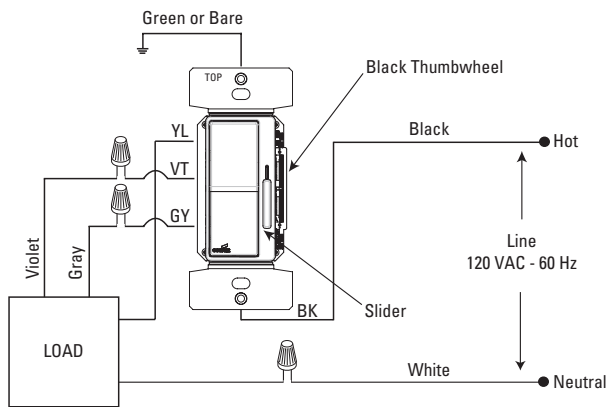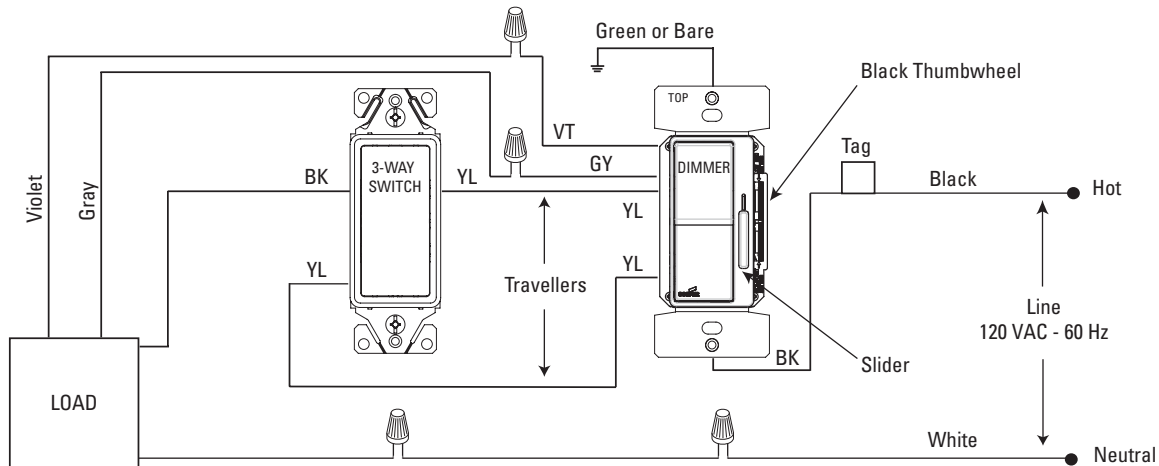**FIGURE 1: SINGLE-POLE WIRING DIAGRAM**

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

Ordering

*Wallplate not included

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

Catalog #	Description
WBSD-010DEC-C1	Decorator Dimmer 0-10V, 120/277 VAC, w/ White, Ivory and Almond faceplate color kit
WBSD-010DEC-C2	Decorator Dimmer 0-10V, 120/277 VAC, w/ White, Ivory and Light Almond faceplate color kit
WBSD-010DEC-C5	Decorator Dimmer 0-10V, 120/277 VAC, w/ White, Black and Gray faceplate color kit

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

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

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