Greengate

0-10V Decorator

Dimmer Wallstation

Interactive Menu

Product Features

California Title 20 Compliant
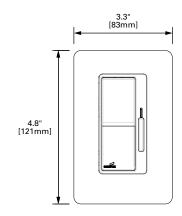
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Dimmers 6B28

Top Product 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
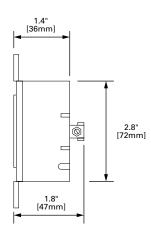- Adjustable high-level trim setting for optimal lamp compatibility

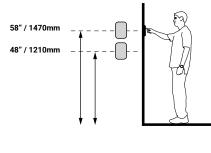## Dimensional and Mounting Details

3.3" [83mm]

1.4" [36mm]

4.8" [121mm]

2.8" [72mm]

1.8" [47mm]

Scale or Mounting Height

58" / 1470mm

48" / 1210mm

additional product diagrams

COOPER
Lighting Solutions

Order Information

SAMPLE ORDER NUMBER: **WBSD-010DEC-C1, WBSD-010DEC-C2, WBSD-010DEC-C5**

* 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 Number

Catalog Number	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
Notes Refer to Screwless Wallplate Spec Sheet for ordering information at www.eaton.com/lighting	**Notes** Custom engraving is not available on 0-10V dimming wallstations.

Product Specifications

Switch Type
• Single -pole and 3-way

Mechanical
Environment:
  • **Operating temperature:** -4°F - 158°F (-20°C to 70°C)

Electrical
Electrical ratings (per relay):
• 120 VAC
  • Max. Load: 10 amps, 1200W, 60 Hz
• 277VAC
  • Max. Load: 6 amps, 1660W, 60 Hz

Wiring Typs:
• Back & side wiring terminals; 12-14 AWG (Copper wire)
• 0-10V wire leads; 16 AWG

Controls and Performance
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

Standards/Ratings
Flammability:
  • Meets UL 94 requirements
  • V2 rated

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.

Warranty
Five year warranty standard

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.

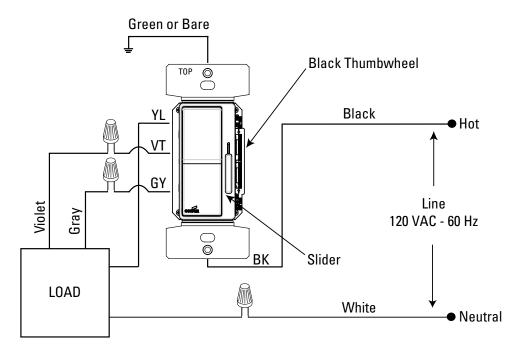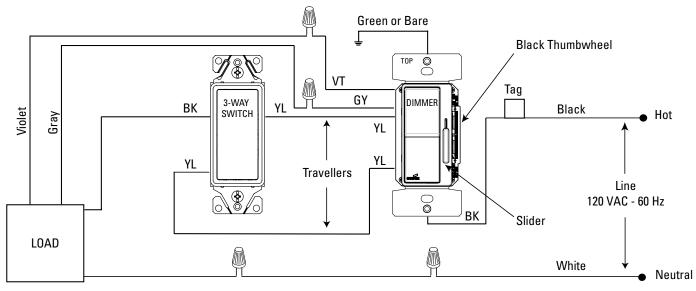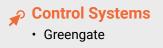### Wiring Diagrams

FIGURE 1: SINGLE-POLE WIRING DIAGRAM

FIGURE 2: 3-WAY WIRING DIAGRAM

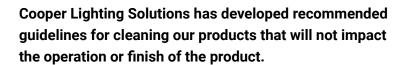*Can be installed on load or line side in 3-way applications

Control Systems
• Greengate

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 inhousehold 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.**

image for reference only

> ⚠️ **WARNING**
>
> *This product is not intended for use in applications involving the use of ammonia-based or VOC cleaners.*
>
> *Prolonged use may cause loss of integrity and expose electrified components.*
>
> *If this occurs, turn OFF power to the unit and replace.*

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.

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