

Project		Catalog #		Type	
Prepared by		Notes		Date	



Greengate

0-10V Preset Slide Dimmer Wallstation

1200VA, 120/277 Volt AC 60Hz,
Single-Pole & 3-Way slide dimmer

Typical Applications
Private Offices • Conference Rooms • Small Auditoriums • Classrooms

- Interactive Menu**
 - Order Information page 2
 - Wiring Diagrams page 3
 - Product Warranty

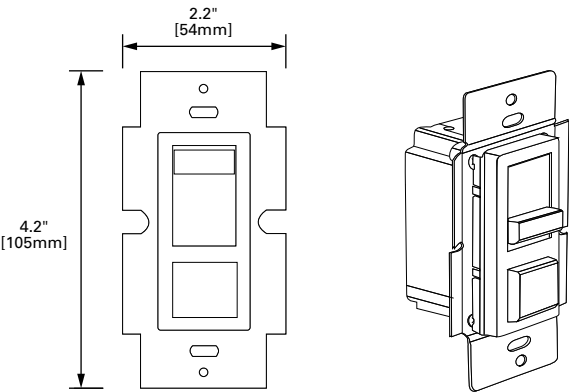
Product Certification



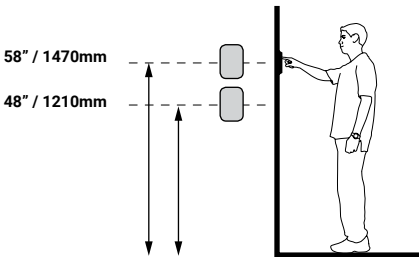
Top Product Features

- Maintained switch controls 0-10V Fluorescent and LED loads
- Single pole and 3-way wiring
- Class 1 or Class 2 wiring capabilities
- Works with the SP20-RD4 or directly controls the load
- Color change kit included (White, Ivory, Light Almond)
- Wallplate ordered separately

Dimensional Details



Mounting Height



Order Information

Catalog Number

Catalog Number	Description
WBSD-010M-C1	120/277 VAC, 28m A sink current, w/White, Ivory and Almond faceplate color kit
Notes * Wallplate not included: This is an accessory for the Greengate Lighting Control System.	

Compatible Products

Catalog Number

Catalog Number	Description
SP20-RD4	20A switchpack
DLC-DP-DIM	0-10V direct connect photosensor

Product Specifications

Mechanical

Size: 4.2" x 2.1" x 1.8" (105mm x 54mm x 46mm)

Environment:

- **Operating temperature:** 32°F to 131°F (0°C to 55°C)
- **Relative humidity operating:** non-condensing 20% to 90%
- For dry location only

Mounting: standard decorator opening

Color: Color change kit included (White, Ivory, Light Almond)

Housing: Injection molded housing resin complies with UL 94V-2

Connections: Screw terminals

Electrical

Power:

- 120VAC, 1200VA, 60Hz
- 277VAC, 1500VA, 60Hz
- 10A LED @ 120/277VAC, 60Hz
- 0-10VDC: 28mA Sink Capacity

Wiring type:

- Single pole and 3-way wiring
- Class 1 or Class 2 wiring capabilities
- Works with the SP20-RD4 or directly controls the load

Standards/Ratings

- cCSAus

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

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.

Lights turn ON to the brightness level set by the dimmers slide control lever. Lighting can be turned on from either the dimmer or a switch location if used in a three way installation.

The diagram illustrates the wiring for a 0-10 VDC dimmer ballast system. It shows a line voltage of 120/277VAC, 60Hz connected to a dimmer. The dimmer has terminals for Black, Red, Violet, Gray, and Green Ground. The Black wire goes to the primary side of a 0-10 VDC ballast. The Red wire goes to the secondary side of the ballast. The Violet and Gray wires go to additional ballasts. The Green Ground wire goes to the ground. The ballast has terminals for Black, White, Red, Blue, and Yellow, which connect to lamps.

Note: DLC-PD-DIM can be added to this configuration to provide continuous daylighting of the 0-10V loads. The device with the lowest 0-10V value will hold the lighting at that level.

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August 2024



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.**

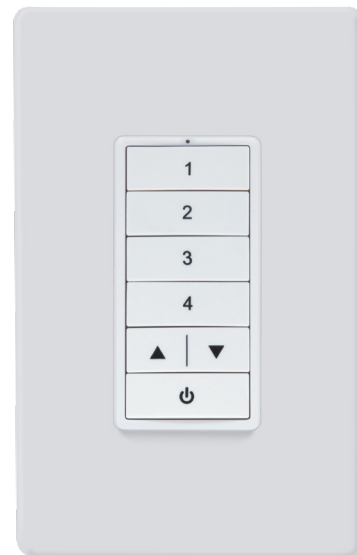


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reference only



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.