

# 0-10V Preset Slide Dimmer

Catalog#	Prepared by
Project	Date
Comments	Type



WBSD-010M-C1

## WBSD-010M-C1

### Description

1200VA, 120/277 Volt AC 60Hz, Single-Pole & 3-Way, WBSD-010M-C1 Preset Electro-Mechanical Electronic 0-10VDC Fluorescent Slide Dimmer, 0-10VDC LED Power Supply Dimmer, Suitable for use with Class 1 or Class 2 wiring - White face assembled on device, Ivory and Light Almond color change kits included.

The WBSD-010M-C1 can control a load directly or connect to the SP20-RD4 as a manual pushbutton to toggle the load.

### Features

- 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

### Specification

#### Power

120VAC, 1200VA, 60Hz

277VAC, 1500VA, 60Hz

10A LED @ 120/277VAC, 60Hz

0-10VDC: 28mA Sink Capacity

#### Operating Environment

Temperature: 32°F to 131°F (0°C to 55°C)

Relative humidity, non-condensing 20% to 90%

For dry location only

#### Construction Case

Injection molded housing resin complies with

UL 94V-2

Connections: Screw terminals

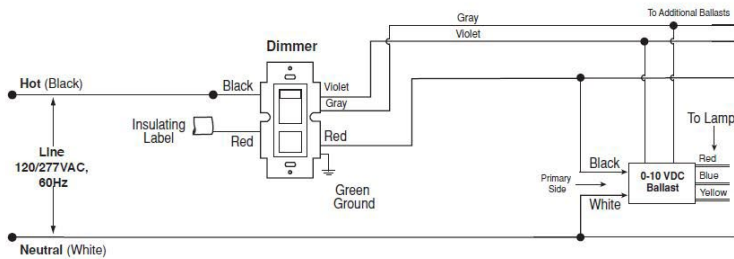
#### Size

Standard decorator opening

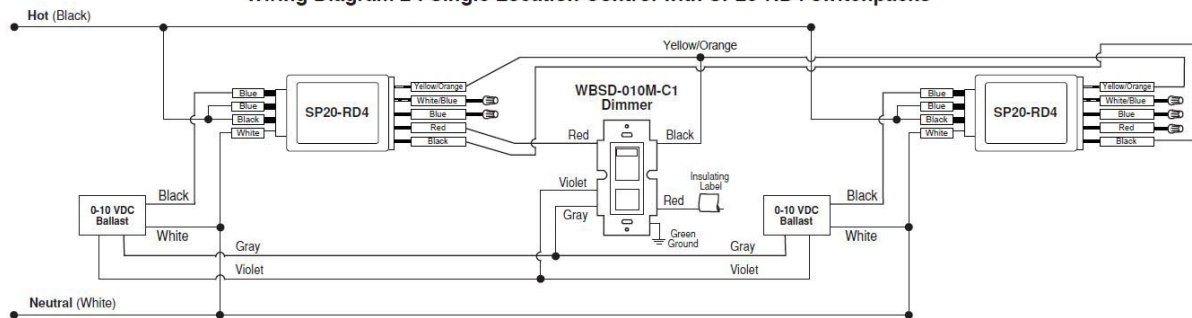
## Operation

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.

**Wiring Diagram 1 : Single Location Control**

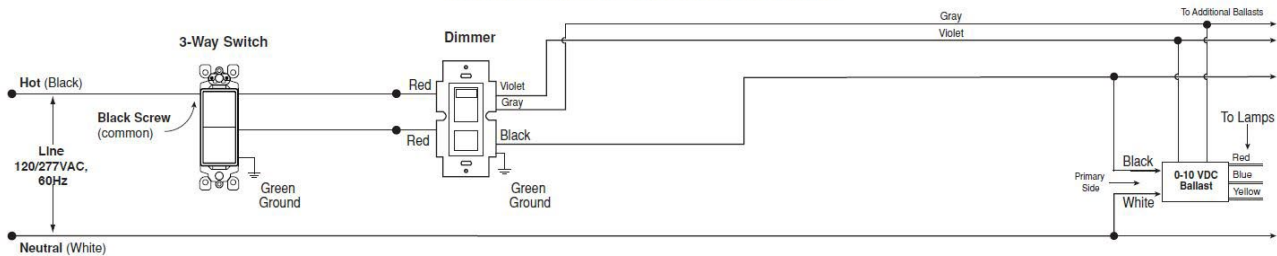


**Wiring Diagram 2 : Single Location Control with SP20-RD4 switchpacks**



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.

**Wiring Diagram 3: Two Location Control**



## Ordering Information

Catalog No.	Ratings
WBSD-010M-C1	120/277VAC, 28m A sink current

Note: WBSD-010M-C1 does not include a wallplate.

## Compatible Products

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

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Printed in USA  
Publication No. TD503173EN  
December 2018

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