

## Required System Parts:

(1) Swidget Dimmer Switch.....P/N: L-SD3001WA-1

## Accessories (sold separately):

Swidget Wi-Fi Control Insert..... L-WI000UWA-1  
Swidget Wi-Fi Control + USB Charger Insert..... L-WI001UWA-1  
Swidget Wi-Fi Control + Guide Light Insert..... L-WI002UWA-1  
Swidget Wi-Fi Control + Motion Sensor Insert ..... L-WI004UWA-1

# Installation Instructions

## Swidget Dimmer Switch Single Pole



This device is designed to be installed in a wall box measuring at least 3" x 2" x 2.5" and wired in accordance with NEC article 314 box fill requirements – within indoor applications only.

### READ ALL INSTRUCTIONS BEFORE INSTALLING SYSTEM.

Before beginning installation, turn off power at circuit breaker or fuse and test that the power is off before wiring.

Wire the device as per the wiring diagram provided using the wire nuts provided. The wire nuts can accommodate three #14AWG wires.

1. Connect the Swidget device black wire to the hot wire (black) in the wall box.
2. Connect the Swidget device white wire to the neutral wire (white) in the wall box.
3. Connect the Swidget device red wire to Light load wire in the wall box
4. This device must be properly grounded for shock protection. To do this, connect the wall box ground wire (green or bare) to the Swidget device's green terminal screw.
5. Mount device to wall box using the provided screws, attach the wall plate (sold separately), and restore power.

### DIMMER CONTROLS

Note: No Swidget insert is required for Dimmer Switch operation. The Dimmer supports three states: OFF, ON-Dimmed, ON-Full.

#### From Lights OFF

1. PRESS and RELEASE any button and it will turn the lights on to the ON-Dimmed level.
2. Next PRESS and RELEASE ON will turn the lights from ON-Dimmed to ON-Full.

#### From Lights ON

PRESS and RELEASE OFF will immediately turn the lights off.

#### Light DIMMING Control With the lights ON

1. To increase Light intensity by single steps, quickly PRESS and RELEASE the +. To decrease, quickly PRESS and RELEASE the -.
2. To increase Light intensity steadily, PRESS and HOLD + until desired Light intensity, then RELEASE. To decrease, PRESS and Hold - until desired Light intensity, then RELEASE.

#### Set MAX and MIN Brightness Limits

With a light connected to the Dimmer:

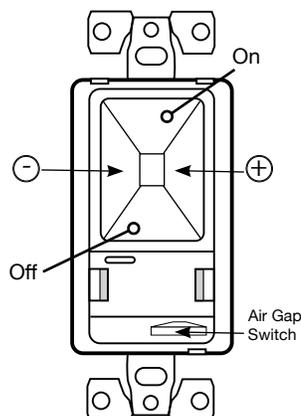
1. PRESS and HOLD ON for 5 seconds to set MAXIMUM. Light will flash 3 times. Press OFF to cancel at any time. Adjust with + and - buttons.
2. PRESS and HOLD ON for 5 seconds to setup MINIMUM. Light will flash 2 times. Adjust with + and - buttons.
3. PRESS and HOLD ON for 5 seconds to save new MAXIMUM and MINIMUM. Light will flash 1 time.

#### Factory Reset MAX and MIN Brightness Limits

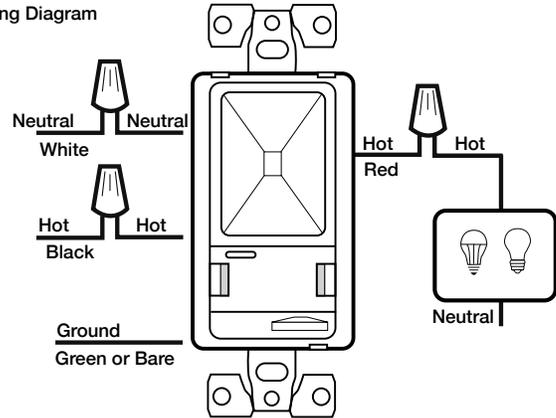
1. PRESS and HOLD OFF for 5 sec to reset MAX and MIN. Light will flash 3 times.

#### BULB REPLACEMENT

1. Pull out "AIR GAP SWITCH" Tab until the word "OFF" can be clearly seen on the Tab.
2. Remove old bulb(s) and replace with new bulb(s).
3. Press in "AIR GAP SWITCH" Tab until the Tab is flush with the front surface.



Wiring Diagram



### IMPORTANT SAFETY INSTRUCTIONS

**TO AVOID FIRE, SHOCK OR DEATH, TURN OFF POWER AT THE CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING!**

- If you are not sure about any part of these instructions, consult an electrician.
- Only use copper wire, do not use aluminum wire with this device.
- A single branch circuit shall supply the device.
- Use only with permanently installed fixtures with dimmable screw-in compact fluorescent, dimmable screw-in LED, halogen or incandescent lamps.
- To avoid overheating and possible damage to other equipment, do not use to control receptacles, motor-driven appliances, or low-voltage transformer-supplied appliances.
- For INDOOR use only.
- When used with power output Swidget inserts, use only appropriate Class 2 connectors with interconnecting cables and any cables shall be routed away from the receptacle outlet slots. Class 2 output connectors are not intended for supporting products or appliances.
- Do not exceed total 2.5A – 125VAC rating.
- Use with dimmable CFL/LED or Incandescent.
- Maximum load types – LED/CFL = 150W, Incandescent = 300W.
- Only to be used with approved/certified Swidget inserts; a Swidget insert is to be installed at all times.
- Use only with listed inserts designed for use with this dimmer.
- NEMA SSL 7A Compliant

Save these instructions for future reference.

**tresco** lighting



**Tresco Lighting by Rev-A-Shelf**  
12400 Earl Jones Way  
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Web: [www.trescolighting.com](http://www.trescolighting.com)

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Single Pole**

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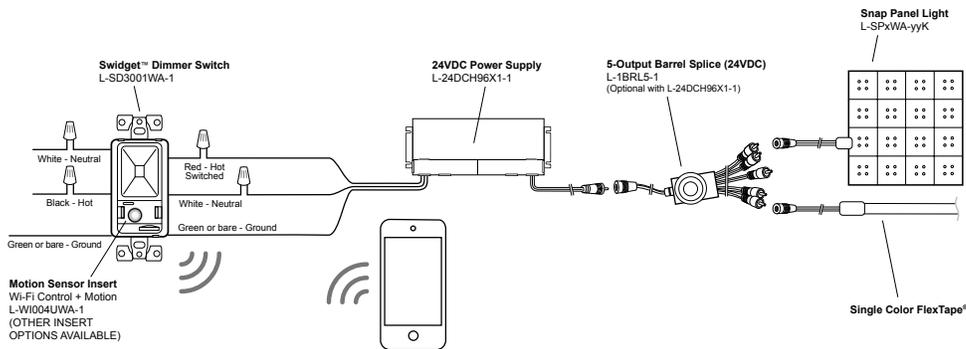
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**DE-RATING TABLE:**

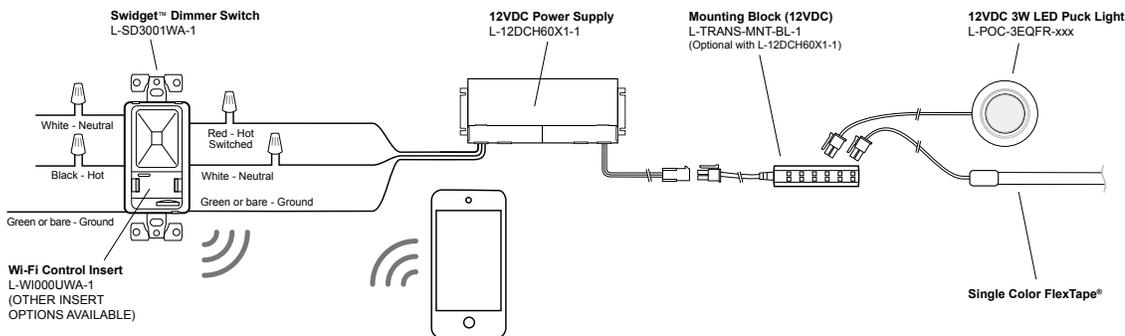
See the Maximum Ratings table below for the new wattage limits.  
 Note: No derating is required when only using CFLs or LEDs.

CFL/LED		Incandescent		
		Single Gang	Two Gang	Three Gang
0W	With up to...	300W	200W	150W
0 - 50W		250W	150W	100W
50 - 100W		200W	100W	50W
100 - 150W		150W	50W	0W
0 - 150W		0	0	0

**Hardware Example with Swidget Dimmer, 24VDC Industrial Power Supply, Snap Panel & FlexTape® - 060821**



**Hardware Example with Swidget Dimmer, 12VDC Industrial Power Supply, LED Puck & FlexTape® - 060821**



**Hardware Example with Swidget Dimmer, 12VDC Commercial Power Supply, LED Puck & FlexTape® - 060821**

