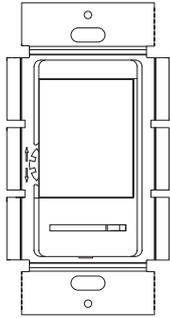


## 55300

120V Dimmer for Dimmable LED/ CFL  
Incandescent / Halogen  
(Single Pole/ 3-Way)



### SPECIFICATIONS

Voltage .....	120VAC, 60Hz
Incandescent/ Halogen.....	600W
Dimmable LED and CFL.....	150W
Operating Temperature.....	32°F-104°F

### DESCRIPTION/ FEATURES

The 55300 is an Incandescent/Halogen and dimmable LED & CFL Dimmer. This Dimmer is designed to replace a standard light switch, dimmer, or a three-way lighting control (see 3-Way Wiring, Figure 2).

- Replaces current light switch using home's existing wiring
- Slide dimmer and rocker switch turns lights on to a preset level
- Provides wider dimming range for dimmable LED and CFL bulbs than standard incandescent dimmers
- Suitable for multi-gang installations
- Dim lighting for increased energy savings
- Adjustable sensitivity levels on the control slider.
- Designed for compatibility with most high efficiency light bulbs.

### WARNING

#### Turn the POWER OFF at the circuit breaker before installing the Dimmer

Read and understand these instructions before installing. This device is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a qualified electrician performs this installation. Make sure to turn off the circuit breaker or fuse(s) and make sure power is off before wiring the device.

#### Use copper wire only

#### NOTES:

The dimmer can be used as a Single Pole or 3-way switch. Only one dimmer is needed for each 3-way application. For use with incandescent, halogen, dimmable CFL and LED lights.

### WIRING DIRECTIONS

1. Connect the HOT wire to the BLACK wire on the switch
2. Connect the load wire to the uninsulated RED wire on the switch
  - a. If using switch as 3-way, remove insulating label from red wire and connect EACH RED wire to separate TRAVELER wires.
3. Connect GROUND wire to the GREEN wire on the switch.
4. Mount the dimmer to the box with "UP" indicator pointing up.
5. Turn on Circuit Breaker

#### Single-Pole Wiring

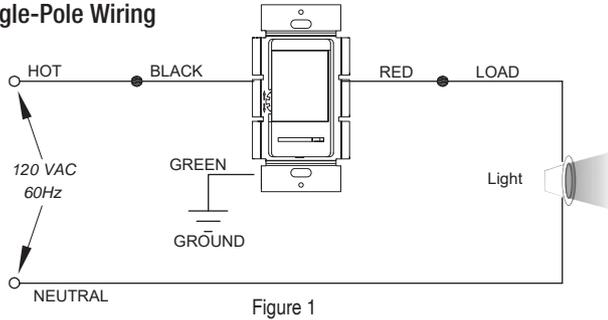


Figure 1

#### 3-Way Wiring

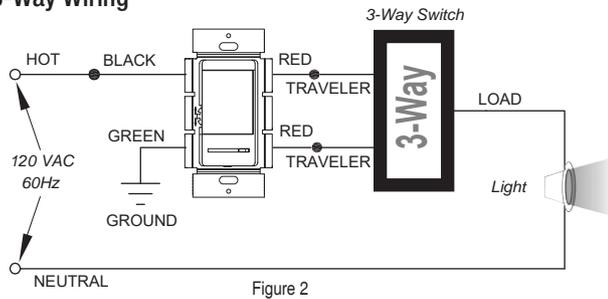


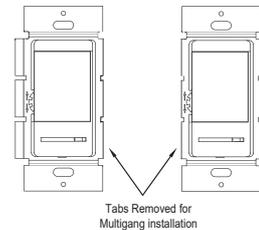
Figure 2

### MULTIGANG INSTALLATION

When installing more than one control in the same wall box, it may be necessary to remove the side tabs before installing (see below). Using pliers, bend each tab back and forth until they break off. Repeat for each tab to be removed. Removal of tabs WILL REDUCE MAXIMUM LOAD CAPACITY.

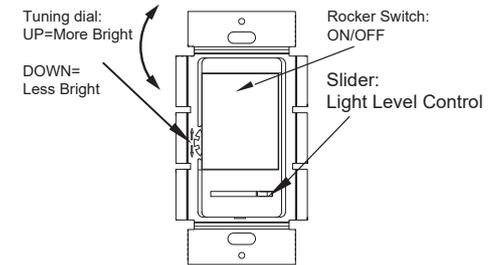
	NO Tabs removed	Removed 1 side	Removed 2 sides
Halogen/ Incandescent	600W max	500W max	400W max
Dimmable LED/ CFL	200W max	200W max	200W max

If you are using **ONLY** LED/CFL bulbs on **ALL** 55300 Dimmers, **DO NOT USE** this De-rating Chart. Follow the LED/ CFL De-rating Chart.



### DIMMER ADJUSTMENT

1. Power the lights on by using the Rocker switch and move the dimmer's slider down to the bottom.
2. Fine Tuning: To achieve the lowest light level, turn the Tuning dial Upwards/ Downwards until desired level is reached. (Note: DO NOT overturn. The Dial will stop turning at lowest/ highest outputs).
3. To verify the setting, turn the dimmer off then back on. Repeat step 2 if all bulbs do not turn on.
4. Turn adjustment dial Up until all lights come on. Some dimmable CFLs and LEDs require at least two light bulbs to be installed or 10 total wattage on one lamp for proper operation.



### WARRANTY INFORMATION

This device is warranted to be free of material and workmanship defects for 2 years from the date of purchase. Original receipt or proof of purchase from an authorized retailer must be presented upon warranty claim. ALL claims must be verified and approved by Enerlites, Inc. Warranties from other Enerlites products may vary. This warranty is nontransferable and does not cover normal wear and tear or any malfunction, failure, or defect resulting from misuse, abuse, neglect, alteration, modification, or improper installation. To the fullest extent permitted by the applicable state law, Enerlites shall not be liable to the purchaser or end user customer of Enerlites products for direct, indirect, incidental, or consequential damages even if Enerlites has been advised of the possibility of such damages. Enerlites' total liability under this or any other warranty, express or implied, is limited to repair, replacement or refund. Repair, replacement or refund are the sole and exclusive remedies for breach of warranty or any other legal theory.

