# decora<sup>®</sup>

# LED/Compact Fluorescent/Incandescent Slide Dimmer

Single Pole (One Location) or 3-Way (Two Location) Cat. No. 6674-P - LED/CFL 150W. Incandescent 600W 120VAC, 60Hz INSTALLATION INSTRUCTIONS

# LEVITON

DI-000-06674-02A-X2

clockwise

#### WARNINGS AND CAUTIONS:

- TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring or servicing fixture!
- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.
- To avoid overheating and possible damage to this device and other equipment. **DO NOT** install to control a receptacle, a motor- or a transformer-operated appliance, or any other lighting sources than those specified.
- Use this device with copper or copper clad wire only.

#### Tools needed to install your Dimmer

Slotted/Philips Screwdriver Pencil

Electrical Tape Pliers Ruler

## Installing Dimmer by itself or with other devices

Cutters

If installing Dimmer in a single device application, proceed with the **INSTALLING YOUR DIMMER** section. If installing Dimmer in a multi-device application, proceed as follows:

#### **MULTI-DEVICE APPLICATION:**

In incandescent multi-dimmer installations, the reduction of the dimmer's capacity is required. Refer to the chart for maximum load per dimmer. No derating is required for use in Dimmable CFL or dimmable LED multidimmer installations.

MAXIMUM LOAD PER DIMMER FOR MULTI-DEVICE (Incandescent)			
Cat. No.	Single	Two Devices	More than 2 Devices
6674-P	600W	500W	400W

### **INSTALLING YOUR DIMMER**

**NOTE:** Use check boxes  $\sqrt{}$  when Steps are completed.

Step 1

WARNING: To avoid fire, shock, or death; TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring!







Removing existing switch: Remove existing wallplate and switch mounting screws. Carefully pull switch from wall box DO NOT remove wires attached to the switch at this time.

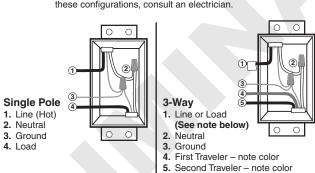
#### For a complete list of compatible LED and CFL bulbs refer to www.leviton.com. · When multiple bulbs are used with one dimmer DO NOT mix bulb types. All bulbs shall be either LED; CFL or incandescent. Using the same make/model of each bulb will enhance dimmer performance.

WARNINGS AND CAUTIONS:

brightness level selected at the dimmer.

• Use only one (1) dimmer in a 3- or 4-way circuit. The switch(es) will turn the light on at the

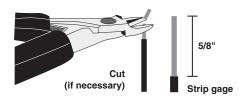
Use with compatible dimmable LED, CFL bulbs, incandescent or 120V halogen fixtures only.

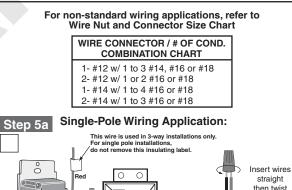


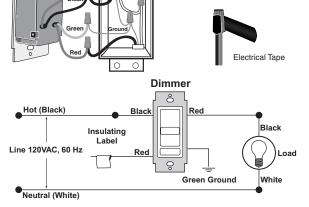
**IMPORTANT:** For 3-Way applications, note that one of the screw terminals from the old switch being removed will usually be a different color (Black) or labeled Common. Tag that wire with electrical tape and identify as the common (Line or Load) in both the dimmer wall box and 3-way wall box.

#### Preparing and connecting wires: Step 4

- Make sure that the ends of the wires from the wall box are straight (cut if necessary).
- Remove 5/8" (1.6 cm) of insulation from each wire in the wall box (shown).
- For Single-Pole Application, go to Step 5a.
- For 3-Way Application, go to Step 5b.







#### Connect wires per WIRING DIAGRAM as follows:

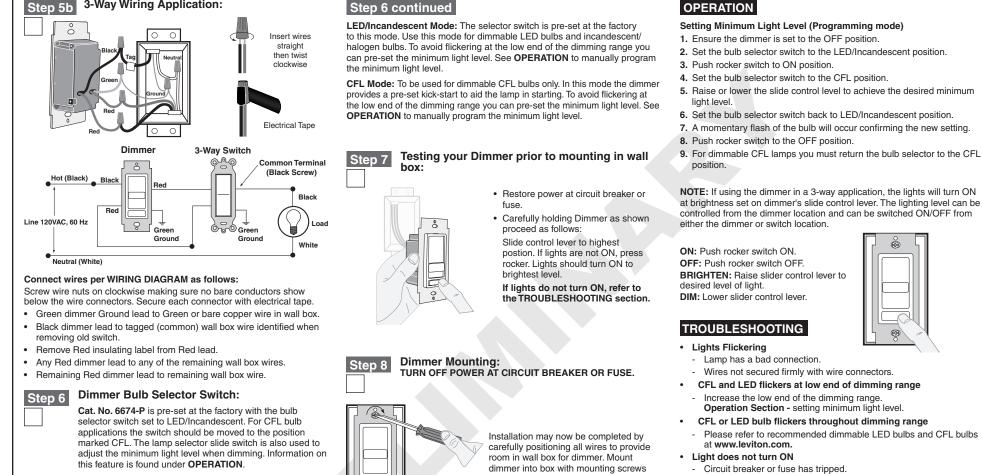
Screw wire nuts on clockwise making sure no bare conductors show below the wire connectors. Secure each connector with electrical tape.

- Green dimmer Ground lead to Green or bare copper wire in wall box.
- · Black dimmer lead to any wall box wire removed from old switch.
- Red dimmer lead without insulating label to remaining wall box wire.
- Remaining Red dimmer lead should have Red insulation label affixed. Proceed to Step 6.

NOTE: If insulating label is not affixed to Red lead, use a small wire nut or electrical tape to cap off. Proceed to Step 6.

Identifying your wiring application Step 3 (most common):

> NOTE: If the wiring in the wall box does not resemble any of these configurations, consult an electrician.



- Lamp is burned out.
- Lamp Neutral connection is not wired.

NOTE: If further information is needed in identifying the HOT wire in a 3-Way application, go to Leviton's website at www.leviton.com.

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DI-000-06674-02A-X2

#### LIMITED 5 YEAR WARRANTY AND EXCLUSIONS

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if within such five year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

# Step 6 continued

supplied. Attach Decora® wallplate.

Restore Power: Restore power at circuit breaker or fuse. Step 9 Installation is complete.



3-Way Wiring Application:



**Bulb Selector** Switch