To avoid fire, shock, or death: turn off power before wiring or servicing fixture!

Installing Dimmer by itself or with other devices

Follow the instructions provided with the ballast. Use only one (1) dimmer in a 3 or 4-way circuit. The switch(es) will turn the light on at the brightness level selected at the dimmer.

Tools needed to install your Dimmer

- Slotted/Philips Screwdriver
- Pliers
- Electrical Tape
- Ruler
- Cutters

Changing the color of your Dimmer

Press the side of the color kit at either bottom tab and pull forward to release. Align slide bar with alignment arrow as shown. Move the slide bar of the color kit to the bottom.

Installing Dimmer by itself or with other devices

No derating is required in multi-device applications.

**MAXIMUM BULB WATTAGE:**

0-10VDC ballasts are rated in Volt-Amps (VA). The maximum number of ballast per dimmer is based on the load VA rating. The maximum bulb wattage is determined by the efficiency of the ballast. Ballast efficiencies will vary from different manufacturers; consider 80% efficient as average. Use the chart to determine maximum bulb wattage for typical ballast efficiency ratings. Use with Leviton’s OPP20 Power Pack to increase the switch rating to 20 Amps for 120 and 277 VAC Ballast.

### MAXIMUM BULB WATTAGE AT 80% EFFICIENCY

<table>
<thead>
<tr>
<th>Volts</th>
<th>Rating</th>
<th>Single</th>
<th>Two Devices</th>
<th>More than 2 Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V</td>
<td>1200VA</td>
<td>960W</td>
<td>960W</td>
<td>960W</td>
</tr>
<tr>
<td>277V</td>
<td>1500VA</td>
<td>1200W</td>
<td>1200W</td>
<td>1200W</td>
</tr>
</tbody>
</table>

### Connecting wires

Connect wires per WIRING DIAGRAM as follows:

- Green or bare copper wall box wire to GREEN dimmer lead.
- Line Hot wall box wire to BLACK dimmer lead.
- Load wall box wire to RED dimmer lead.
- Remaining RED Dimmer lead should have a label affixed.

**DO NOT** remove this label in a single pole application.

**NOTE:** If the insulating label is not affixed to the second RED lead use electrical tape or a wire connector to cover.

- Violet dimmer lead to (+) Violet connection on ballast.
- Gray dimmer lead to (-) Gray connection on ballast.

Proceed to Step 5.
**Step 4b** 3-Way Wiring Application:

![Wiring Diagram 2]

Connect wires per WIRING DIAGRAM as follows:
- Green or bare copper wall box wire to GREEN dimmer lead.
- Common (Line hot or Load) wire to BLACK dimmer lead.
- Remove insulating label and connect the first traveler wire to the RED dimmer lead.
- Connect the second traveler wire to the remaining RED dimmer lead.
- VIOLET dimmer lead to (+) Violet connection on ballast.
- GRAY dimmer lead to (-) Gray connection on ballast.

**Step 5** Testing your Dimmer prior to mounting in the wall box:
- Restore power at circuit breaker or fuse.
- Carefully holding dimmer, move slider control lever to highest position and press the top of the Decora® rocker. Lights should turn ON to brightest level.
- If lights does not turn ON, refer to the TROUBLESHOOTING section.

![Wiring Diagram 3]

**Step 6** Dimmer Mounting:

**TURN OFF POWER AT CIRCUIT BREAKER OR FUSE.**

Installation may now be completed by carefully positioning all wires to provide room in wall box for dimmer. Mount dimmer into box with mounting screws supplied.

**Attach wallplate.**

![Wiring Diagram 4]

**Step 7** Restore Power:

- Restore power at circuit breaker or fuse.
- Installation is complete.

**Programming**

**Setting Minimum Light Level**

1. Press bottom of Decora® rocker to turn the dimmer OFF and move the slide bar to the bottom.
2. Remove color kit (see Changing the color of your Dimmer section on page 1).
3. Press and hold the on/off actuator.
4. Rotate the light adjustment dial clockwise to increase the minimum light level or counter-clockwise to decrease the minimum light level.
5. Release the on/off actuator.

**Troubleshooting**

- Lights flickering
  - Lamp has bad connection.
  - Wires not secured firmly with wire connectors.
- Light does not turn ON
  - Circuit breaker or fuse has tripped.
  - Lamp or ballast has burned out.
  - Lamp sockets are not Rapid Start type.
  - 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.

FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9 or by telephone at 1 800 405-5320.

**Operation**

- **ON/OFF:**
  - Press top of Decora® rocker
  - Lights will turn ON.
  - Press bottom of Decora® rocker
  - Lights will turn OFF.
- **BRIGHTEN & DIM:**
  - Move slide bar
  - Lights will BRIGHTEN or DIM.
  - Lamp has bad connection.
  - Wires not secured firmly with wire connectors.
- Light does not turn ON
  - Circuit breaker or fuse has tripped.
  - Lamp or ballast has burned out.
- Lamp sockets are not Rapid Start type.
- 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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For Technical Assistance Call: 1-800-824-3005 (U.S.A. Only) www.leviton.com

**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. For details visit www.leviton.com or call 1-800-824-3005. 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 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.


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