decora®

Fluorescent and LED Fixture Slide Dimmer

Single Pole (One Location) or 3-Way (Multi-location)

Cat. No. IP710-DL, IP710-D

1200VA-120VAC, 60Hz, 1500VA-277VAC, 60Hz

CAUTIONS:

28mA Maximum Sink Current

For Use with LED fixtures using 0-10V dimmable power supply/drivers, Advance Transformer Mark 7[®] OSRAM Sylvania Quicktronic[®] Helios[™] or equivalent dimmable ballasts.

INSTALLATION INSTRUCTIONS

WARNINGS:

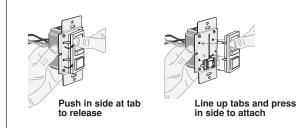
- TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT POWER IS OFF BEFORE WIRING **OR SERVICING FIXTURE!**
- TO AVOID FIRE, PERSONAL INJURY OR PROPERTY DAMAGE, use only with the appropriate LED 0-10V dimmable power supplies/drivers, Advance Transformer 120/277V Mark 7[®] 0-10V ballasts or OSRAM Sylvania Quicktronic[®] Helios™ electronic ballasts.

Tools needed to install your Dimmer

Electrical Tape Slotted/Philips Screwdriver Pliers Pencil Ruler Cutters

Changing the color of your Dimmer

Your dimmer includes three color options. The Dimmer ships with the White frame attached. To change color of frame, proceed as follows:



Note: Move slider on dimmer and slider on change kit to bottom of the slide bar prior to engaging.

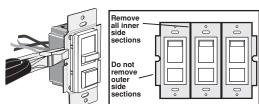
Installing Dimmer by itself or with other devices

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:

NOTE: You only need to remove side sections if installing with other dimmers or if it does not fit in wall box - not when installing with mechanical switches.

When installing more than one dimmer in the same location, the side sections of the mounting strap must be removed. Use pliers to carefully bend side sections back and forth until they break off.



Bend back and forth to remove side section

Note: No derating is required in this mult-device installation as referenced in the following chart.

MAXIMUM LOAD PER DIMMER FOR MULTI-DEVICE				
Cat. No.	Volts	Single	Two Gang	More than 2 Devices
IP710	120	1200VA	1200VA	1200VA
IP710	277	1500VA	1500VA	1500VA

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.

NOTE: For additional switching capacity, use dimmers in conjuction with a Leviton OPP20 120/277V Power Pack.

For applications using Leviton's OPP20 Power Pack (Shown in Wiring Diagrams 2), the OPP20 switch ratings are as follows (refer to OPP20 Instruction Sheet for additional information):

OPP20 SWITCH BATINGS: 20 Amps for 120 and 277 VAC Ballast

0-10 VDC Sink Current Rating:

28 mA maximum sink current. Contact your ballast manufacturer for the sink current rating of the ballast.

INSTALLING YOUR DIMMER

OFF ON

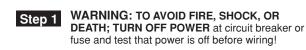
OFF ON

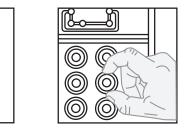
OFF ON

OFF ON

EF ON

OFF





Identifying your wiring application Step 2

(most common):

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

electrician.

Single Pole 1. Load 2. Neutral 3. Ground 4. Line (Hot) 5. Pink (-) or Gray (-) 6. Violet (+)

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 the standard 3-way switch wall box. The remaining two wires on the brass or lighter

screws screw terminatis of the old switch are the travelers.

Preparing wires: Step 3

NOTE: Ensure that low-voltage wiring (for Pink and Violet connection of dimmer) is installed at wallbox that will house the IP710 Dimmer.

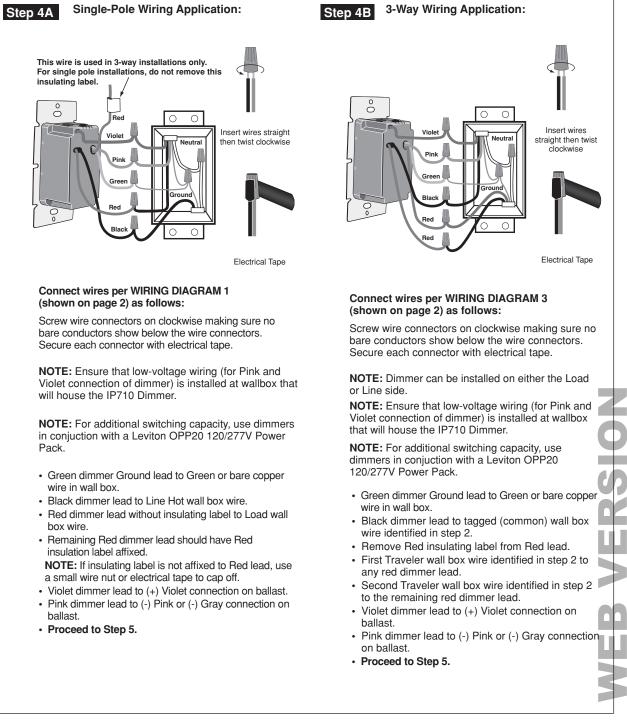
- · Pull off pre-cut insulation from Dimmer leads.
- · Make sure that the ends of the wires from the wall box are straight (cut if necessary).
- Remove 5/8" (1.6 cm) of insulation from each wire in the wall box (shown).
- · For Single-Pole Application, go to Step 4A.
- · For 3-Way Application, go to Step 4B.

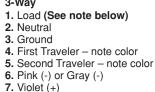


· If you are unsure about any part of these instructions, consult an electrician.

Use this device only WITH COPPER OR COPPER CLAD WIRE.

Lighting fixture and dimmer must be grounded.





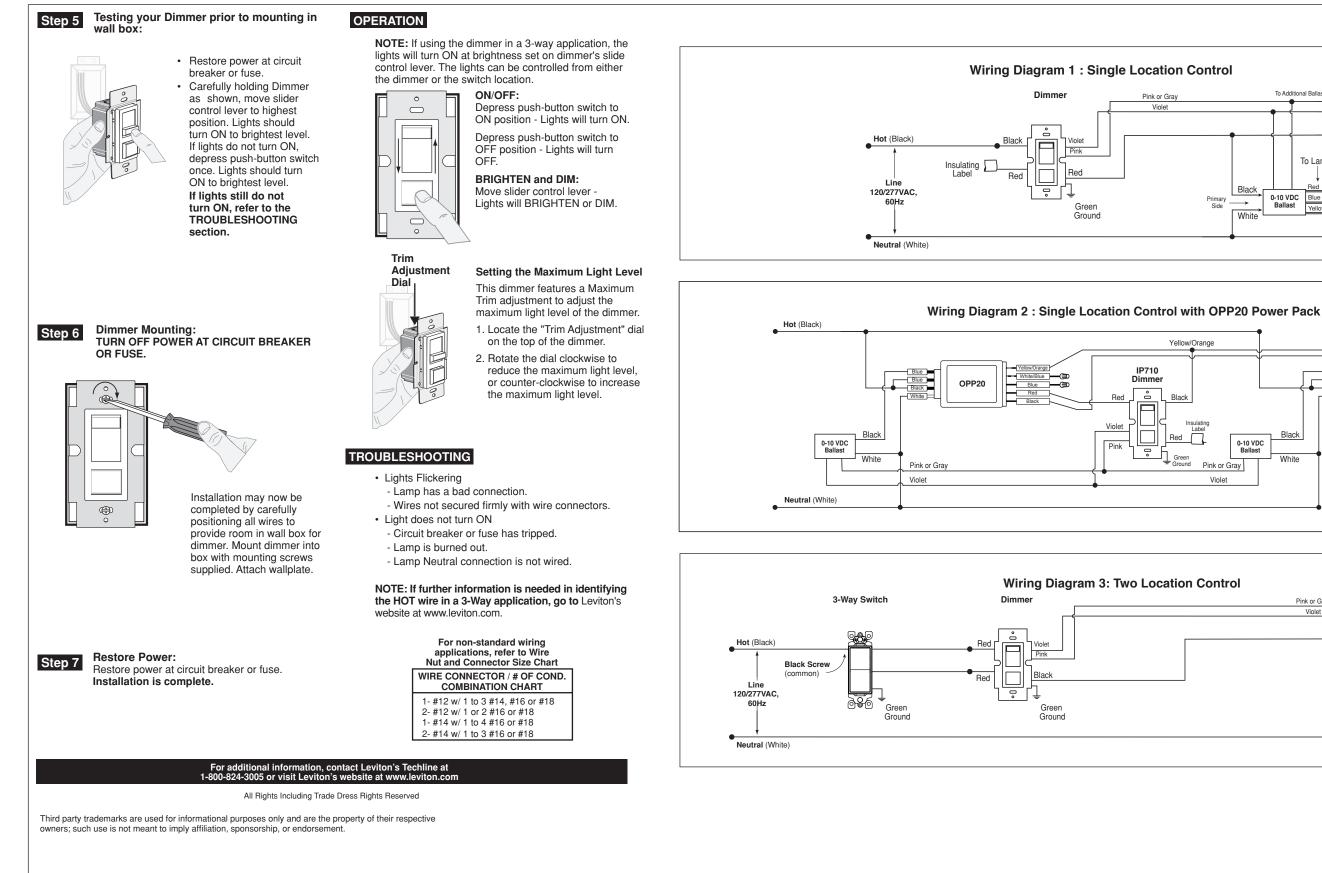
3-Way



• To be installed and/or used in accordance with appropriate electrical codes and regulations.

• To avoid damage to the product, DO NOT use disinfecting products, including foggers, sprays or other types of atomized cleaning agents.

- DO NOT spray liquid onto the product. To clean use a damp cloth with mild soap.
- NOTE: 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.



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 any such implied warranty, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction. 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.



