

## Diva LED+ Dimmer

Dimmer for dimmable LED, CFL, halogen, and incandescent bulbs.

### Features

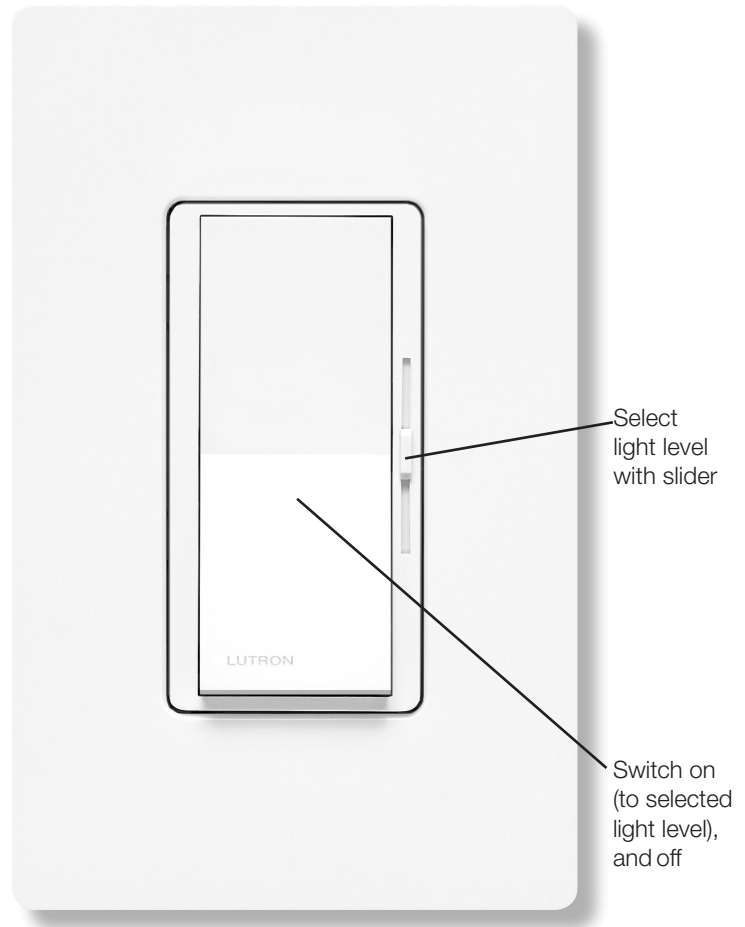
- Large paddle switch with a captive linear-slide dimmer for a standard designer wallplate opening.
- LED+ includes the most advanced technology for superior dimming of LED, CFL, incandescent, and halogen bulbs.
- UL® Listed to control:
  - Dimmable LEDs
  - Dimmable compact fluorescent lamps (CFL) with integrated ballast
  - Lutron LTEA Hi-lume 1% forward-phase LED driver
  - Halogen
  - Incandescent
- Low-end adjustment to accommodate a wide range of bulbs.
- 100% factory tested.
- Formerly C•L.
- Coordinating Claro and Stainless Steel wallplates available separately.

### Application Requirements

- **When dimming LEDs or CFLs, only bulbs marked or rated as DIMMABLE may be used.**
- For a complete list of compatible DIMMABLE LEDs please visit [www.lutron.com/LEDfinder](http://www.lutron.com/LEDfinder)
- Some DIMMABLE LEDs and CFLs require a minimum number of bulbs for proper operation. For details and a list of bulbs, please visit [www.lutron.com/LEDfinder](http://www.lutron.com/LEDfinder)

### Model Numbers

DVCL-153P-XX<sup>1,2</sup> Gloss Finish, Single pole/3-way<sup>3</sup>  
 DVCL-153PH-XXC<sup>4</sup> Gloss Finish, Single pole/3-way<sup>3</sup>  
 DVSCCL-153P-XX<sup>1</sup> Satin Finish, Single pole/3-way<sup>3</sup>



### Packages

DVWCL-153PH-XX<sup>1,5</sup>

DVWCL-153PH-XXC<sup>6</sup>

### Includes

1 DVCL-153P-XX and  
 1 CW-1-XX (single-gang  
 faceplate)

1 DVCL-153P-XX-C and  
 1 CW-1-XX (single-gang  
 faceplate)

<sup>1</sup> "XX" in the model number represents color/finish code; see "Colors and Finishes" on pages 3 & 4.

<sup>2</sup> For clamshell packaging, add "H" after "153P".

<sup>3</sup> For 3-way and 4-way switching, use Claro switches or other mechanical switches.

<sup>4</sup> Clamshell packaged product for Canada.

<sup>5</sup> Clamshell packaged product. Available in AL, IV, LA, and WH.

<sup>6</sup> Clamshell packaged product for Canada. Available in LA and WH.

|                      |                      |                      |
|----------------------|----------------------|----------------------|
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| Job Number:          | <input type="text"/> | <input type="text"/> |

## Specifications

### Regulatory Approvals

- UL<sup>®</sup> Listed to US and Canadian safety requirements  
UL1472/CSA C22.2 184.1
- NOM

### Power and Ratings

- 120 V~ 60 Hz
- 150 W dimmable LED/CFL
- or**
- 600 W incandescent/halogen
- or**
- Mixed bulb type per **Multigang and Mixed Bulb Type Ratings** table (see page 3)
- or**
- 250 W Lutron LTEA Hi-lume 1% forward-phase LED driver (maximum 6 drivers)

### Environment

- For indoor use only.
- Operating temperatures 32 °F to 104 °F (0 °C to 40 °C).

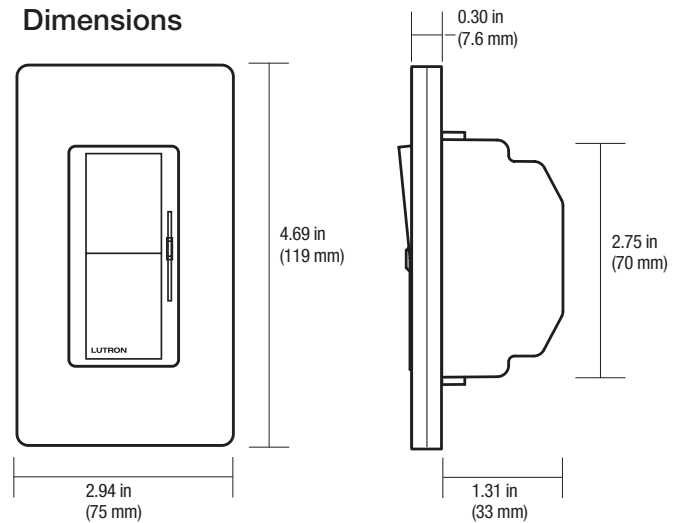
### Performance

- Power-failure memory
- Captive linear slider
- Electrostatic discharge tested
- Precise color matching
- Mechanical air-gap switch to disconnect load power

### Warranty

- 1 Year Limited Warranty
- For additional Warranty information, please visit  
[www.lutron.com/TechnicalDocumentLibrary/369-119\\_Wallbox\\_Warranty.pdf](http://www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf)

### Dimensions



**Note:** Requires a U.S. wallbox 2½ in (64 mm) deep minimum.

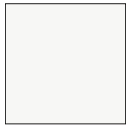
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## Colors and Finishes

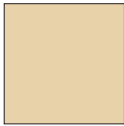
Add color/finish code to model #

**Example: DVCL-153P-WH**

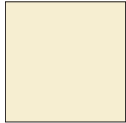
### Gloss Finishes



White  
WH



Ivory  
IV



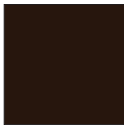
Almond  
AL



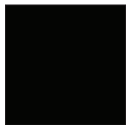
Light Almond  
LA



Gray  
GR



Brown  
BR



Black  
BL

### Satin Finishes



Brilliant White  
BW



Glacier White  
GL



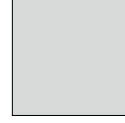
Snow  
SW



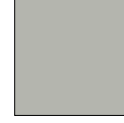
Architectural  
White  
RW



Lunar Gray  
LG



Mist  
MI



Pebble  
PB



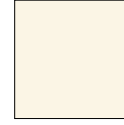
Cobblestone  
CS



Slate  
SL



Midnight  
MN



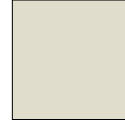
Biscuit  
BI



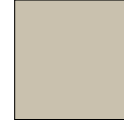
Sand  
SD



Taupe  
TP



Pumice  
PM



Clay  
CY



Sage  
SA



Espresso  
EP



Truffle  
TF



Deep Sea  
DE



Signal Red  
SR

Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.

- Color chip keychains are available for more precise color matching:

Gloss Finishes: DG-CK-1

Satin Finishes: SF-CK-1

For coordinating wallplates and accessories, visit [lutron.com/claro](http://lutron.com/claro)

Job Name:

Model Numbers:



Job Number:

## Colors and Finishes (cont.)

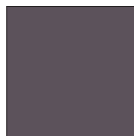
### Satin Colors (while supplies last)



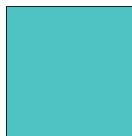
Hot  
HT



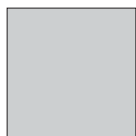
Merlot  
MR



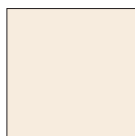
Plum  
PL



Turquoise  
TQ



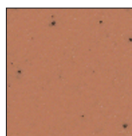
Palladium  
PD



Eggshell  
ES



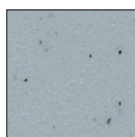
Sienna  
SI



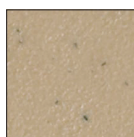
Terracotta  
TC



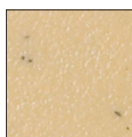
Greenbriar  
GB



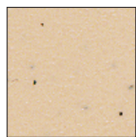
Bluestone  
BG



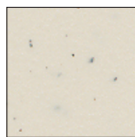
Mocha Stone  
MS



Goldstone  
GS



Desert Stone  
DS



Stone  
ST



Limestone  
LS

Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.

- Color chip keychains are available for more precise color matching:  
Satin Colors: SC-CK-1 (while supplies last)

|                      |                      |                      |
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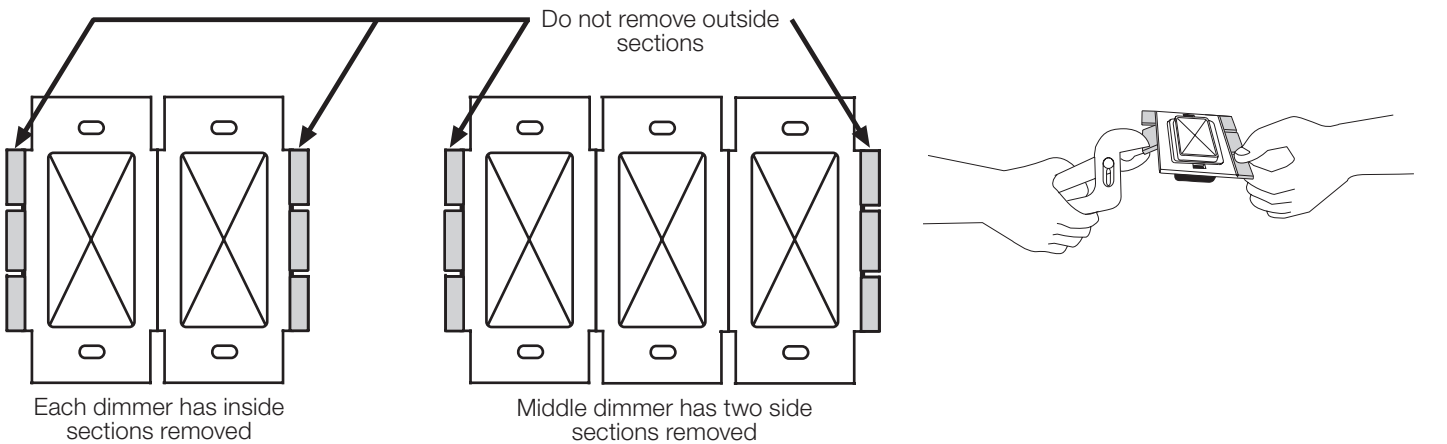


## Multigang and Mixed-Bulb-Type Ratings

When installing more than one dimmer in the same wallbox, it may be necessary to remove some side sections prior to wiring (**see diagram**). Removal of dimmer side sections may reduce maximum wattage, as shown in the chart below.

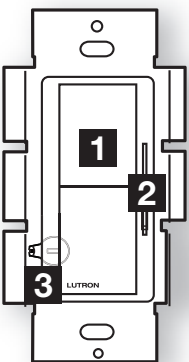
Mixing bulb types (**using a combination of LED/CFL, and incandescent/halogen bulbs**) will also affect the maximum ratings, as shown in the chart below.

\*EXAMPLE: If one set of side sections is removed and you have three 10 W LED bulbs installed (Total LED Wattage = 30 W), you may add up to 300 W of incandescent or halogen lighting.



| Total LED/CFL<br>Wattage Installed<br>(Wattage per bulb x # of bulbs) |   | Maximum Allowable Incandescent/Halogen Wattage  |                |                 |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|
|                                                                       |                                                                                                                                                                         | No sides removed                                                                                                                     | 1 side removed | 2 sides removed |
| 0 W                                                                   | +                                                                                                                                                                       | 600 W                                                                                                                                | 500 W          | 400 W           |
| 1 W – 25 W                                                            | +                                                                                                                                                                       | 500 W                                                                                                                                | 400 W          | 300 W           |
| 26 W – 50 W                                                           | +                                                                                                                                                                       | 400 W                                                                                                                                | 300 W          | 200 W           |
| 51 W – 75 W                                                           | +                                                                                                                                                                       | 300 W                                                                                                                                | 200 W          | 100 W           |
| 76 W – 100 W                                                          | +                                                                                                                                                                       | 200 W                                                                                                                                | 100 W          | 50 W            |
| 101 W – 125 W                                                         | +                                                                                                                                                                       | 100 W                                                                                                                                | 50 W           | 0 W             |
| 126 W – 150 W                                                         | +                                                                                                                                                                       | 0 W                                                                                                                                  | 0 W            | 0 W             |

Operation (View with wallplate removed)



**1** Switch  
Turns lights ON and OFF.

**2** Slider  
Controls light level.

+ Up  
Increases light level

- Down  
Decreases light level

**IMPORTANT:** Set slider to bottom before adjusting dimming range.

Lever-type Adjustment Dial

**3** Adjustment lever  
Sets low end dimming limit.

Up (clockwise)  
Increases brightness

+ Down  
(counter-clockwise)  
Decreases brightness

OR

Wheel-type Adjustment Dial

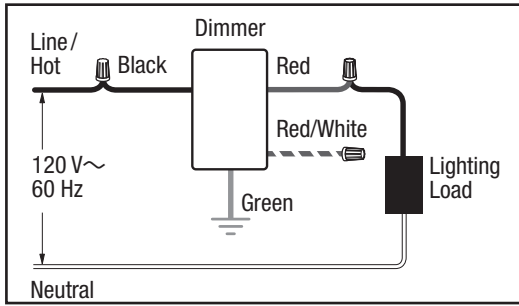
**3** Adjustment dial  
Sets low end dimming limit.

Up (clockwise)  
Decreases brightness

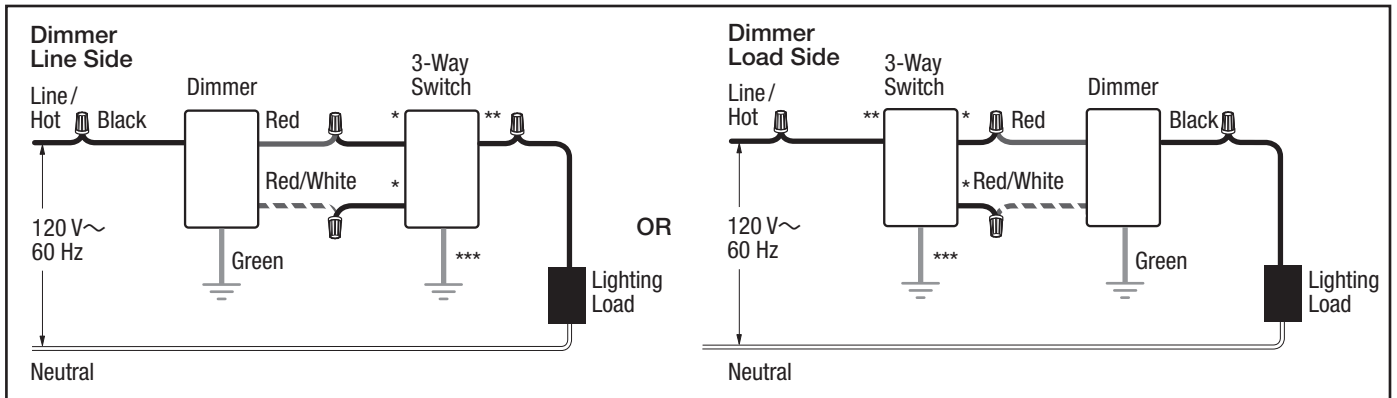
- Down  
(counter-clockwise)  
Increases brightness

# Wiring Diagrams

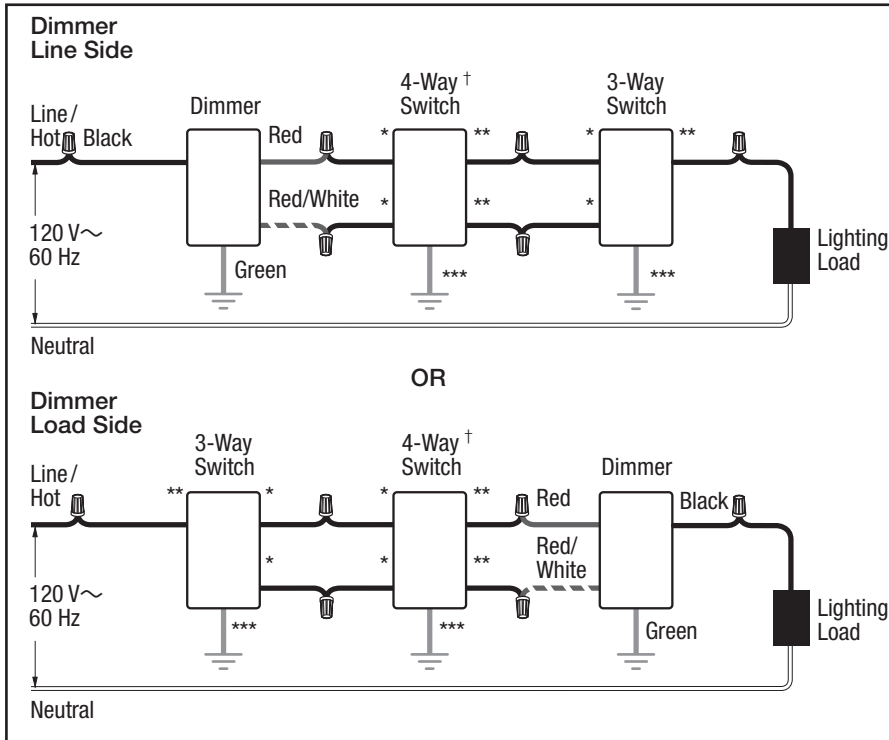
## Single-Pole Wiring



## 3-Way Wiring



## 4-Way Wiring



- \* or Copper / Black screw terminal
- \*\* or Brass / Gold screw terminal
- \*\*\* or Green screw terminal

† Please refer to the switch's instruction sheet for proper wiring.

**Note for 4-Way Wiring:**  
Dimmer must be installed Line Side or Load Side. It cannot be installed in the 4-way location.

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