Diva LED+ Dimmer

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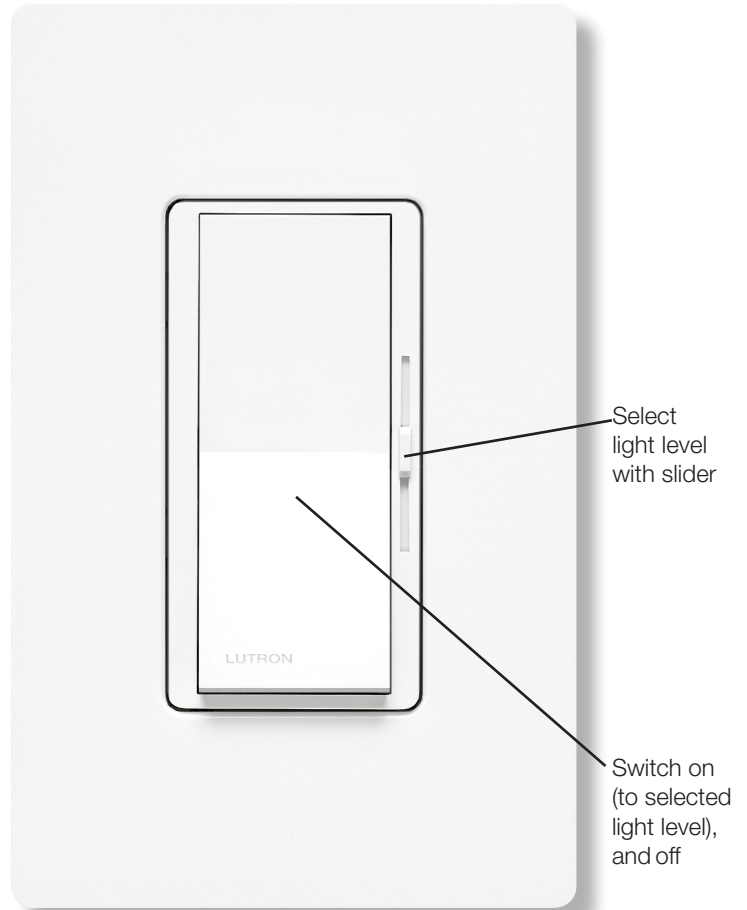
Features

- Large paddle switch with a captive linear-slide dimmer for a standard designer wallplate opening.

- LED+ includes the most advanced technology for superior dimmng 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.

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

- 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

Model Numbers

DVCL-153P-XX[1,2] Gloss Finish, Single pole/3-way[3]
DVCL-153PH-XXC[4] Gloss Finish, Single pole/3-way[3]
DVSCCL-153P-XX[1] Satin Colors, Single pole/3-way[3]

Select light level with slider

Switch on (to selected light level), and off

* Wallplate sold separately

Packages	Includes
DVWCL-153PH-XX[1,5]	1 DVCL-153P-XX and 1 CW-1-XX (single-gang faceplate)
DVWCL-153PH-XXC[6]	1 DVCL-153P-XX-C and 1 CW-1-XX (single-gang faceplate)

[1] "XX" in the model number represents color/finish code; see "Colors and Finishes" on next page.

[2] For clamshell packaging, add "H" after "153P".

[3] For 3-way and 4-way switching, use Claro switches or other mechanical switches.

[4] Clamshell packaged product for Canada.

[5] Clamshell packaged product. Available in AL, IV, LA, and WH.

[6] Clamshell packaged product for Canada. Available in LA and WH.

☀ **LUTRON** SPECIFICATION SUBMITTAL   Page

Job Name:	Model Numbers:
Job Number:	

Specifications

Regulatory Approvals

- UL® 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.
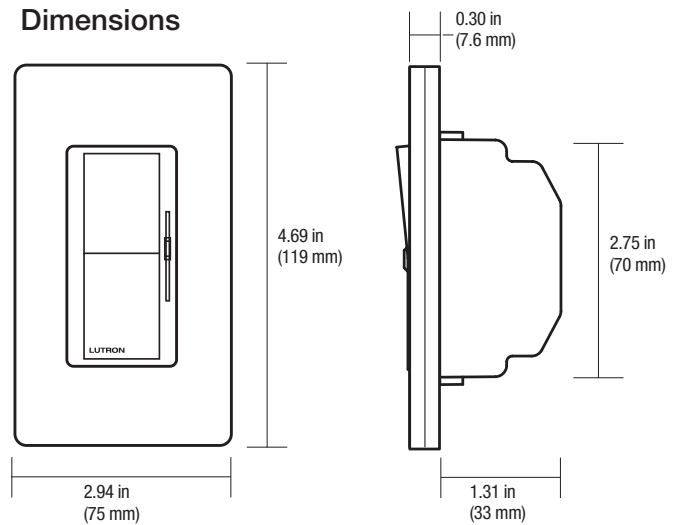- Operating temperatures 32 °F to 104 °F (0 °C to 40 °C).

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

Dimensions

0.30 in (7.6 mm)
4.69 in (119 mm)
2.75 in (70 mm)
2.94 in (75 mm)
1.31 in (33 mm)

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

Colors and Finishes

Gloss Finishes
Add color/finish code to model #
Example: DVCL-153P-WH

WH	White
IV	Ivory
AL	Almond
LA	Light Almond
GR	Gray
BR	Brown
BL	Black

Satin Colors

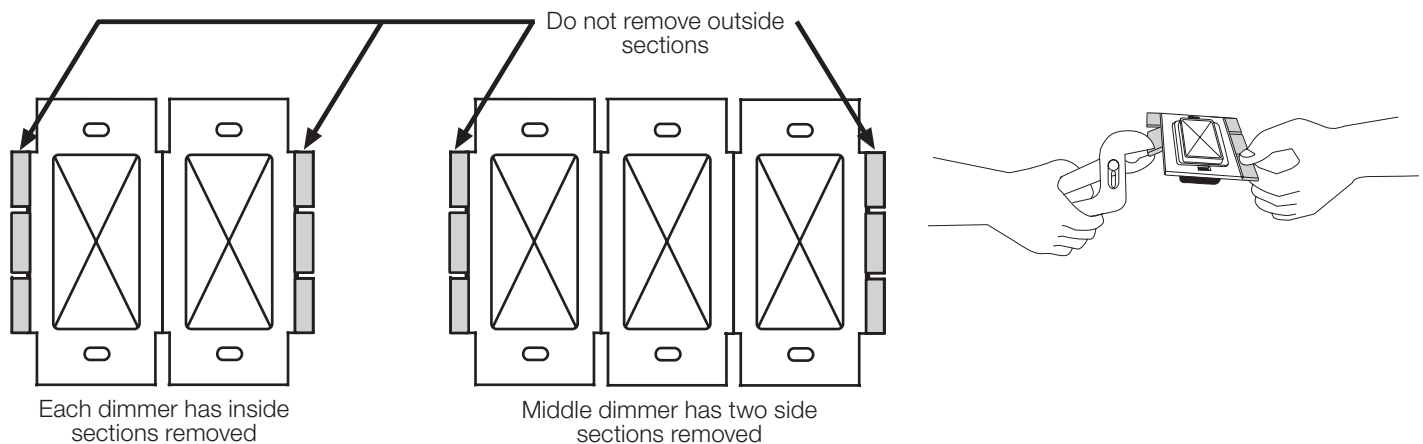|			
SW	Snow	MN	Midnight
TP	Taupe	BI	Biscuit
ES	Eggshell	PD	Palladium
HT	Hot	MR	Merlot
PL	Plum	SI	Sienna
TC	Terracotta	BG	Bluestone
GB	Green Briar	GS	Goldstone
MS	Mocha Stone	ST	Stone
DS	Desert Stone	LS	Limestone

For the latest color offerings please see our website: http://www.lutron.com/satincolors

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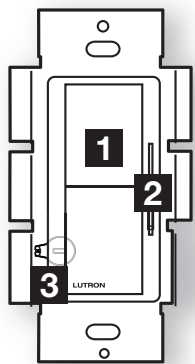
 *EXAMPLE: If one set of side sections is removed and you have three 10 W LED bulbs installed (Total LED Wattage = 30 W), you may add up to 300 W of incandescent or halogen lighting.

Do not remove outside sections

Each dimmer has inside sections removed

Middle dimmer has two side sections removed

Total **LED/CFL** Wattage Installed (Wattage per bulb x # of bulbs) LED CFL		Maximum Allowable Incandescent/Halogen Wattage INC/HAL		
		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.
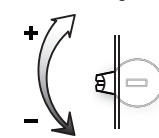
+ Up
Increases light level

– 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.
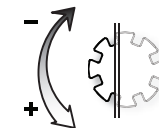
Up (clockwise)
Increases brightness

Down (counter-clockwise)
Decreases brightness

OR

Wheel-type Adjustment Dial

3 Adjustment dial

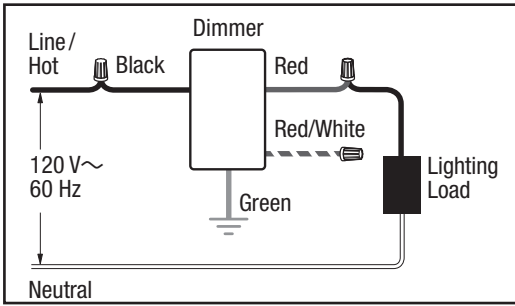Sets low end dimming limit.

Up (clockwise)
Decreases brightness
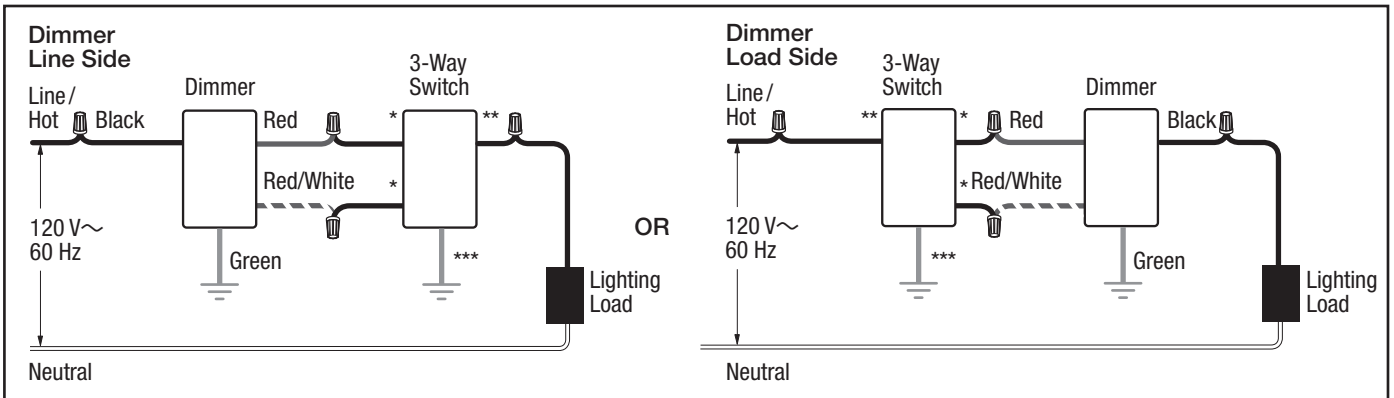
Down (counter-clockwise)
Increases brightness

Job Name:	Model Numbers:
Job Number:	

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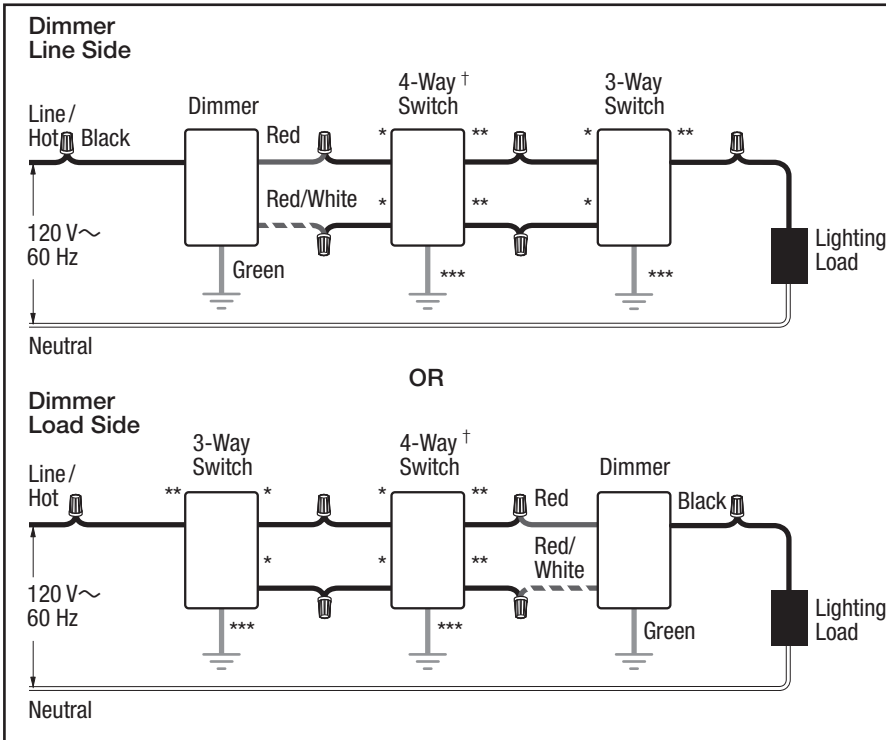# Wiring Diagrams

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.

Job Name:	Model Numbers:
Job Number:	