




LUTRON DVCL-153P-XX1 Diva LED Plus Dimmer Switch Instruction Manual

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LUTRON DVCL-153P-XX1 Diva LED Plus Dimmer Switch



Specifications

- Dimmer for dimmable LED, CFL, halogen, and incandescent bulbs
- Designed for a standard designer wall plate opening
- Minimum number of bulbs required for proper operation
- For more details and a list of compatible bulbs, please visit www.lutron.com/LEDfinder

Diva LED+ Dimmer

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

Features

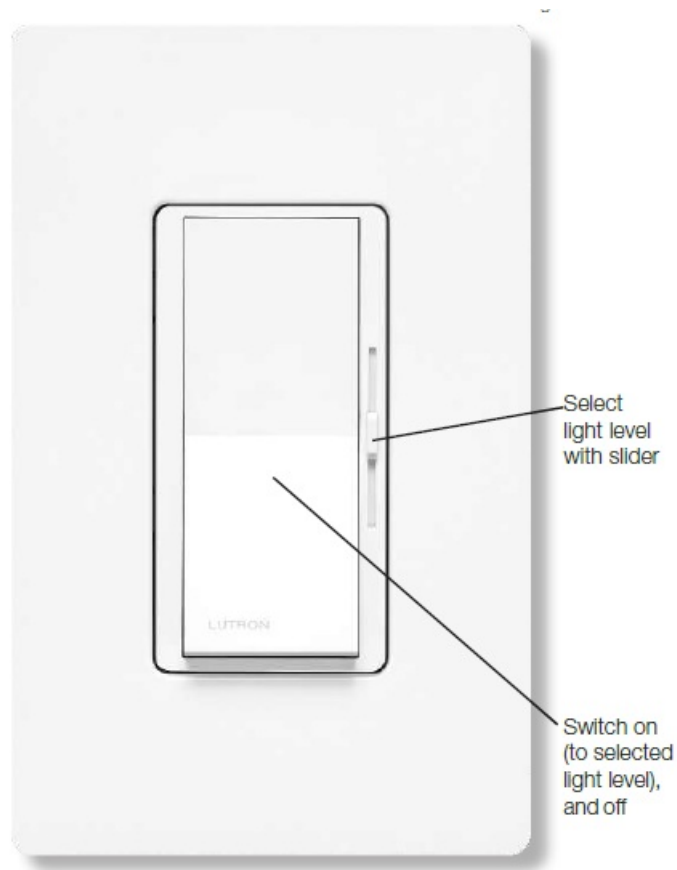
- Large paddle switch with a captive linear-slide dimmer for a standard designer wallplate opening.
- LED+ includes the most advanced technology for superior dimming of LED, CFL, incandescent, and halogen bulbs.
- ULR Listed to control
- Dimmable LEDs
- Dimmable compact fluorescent lamps (CFL) with integrated 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 wall plates 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
- 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-way3 DVCL-153PH-XXC4 Gloss Finish, Single pole / 3-way3
DVSCCL-153P-XX 1 Satin Finish, Single pole / 3-way3
1. "XX" in the model number represents color/finish code; see "Colors and Finishes" on pages 3 & 4.
 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.



Packages

- DVWCL-153PH-XX1,5
- DVWCL-153PH-XXC6

Includes

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

SPECIFICATION SUBMITTAL

Job Name: <input type="text"/>	Model Numbers: <input type="text"/>	
Job Number: <input type="text"/>	<input type="text"/>	<input type="text"/>

Specifications

Regulatory Approvals

- LR 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)

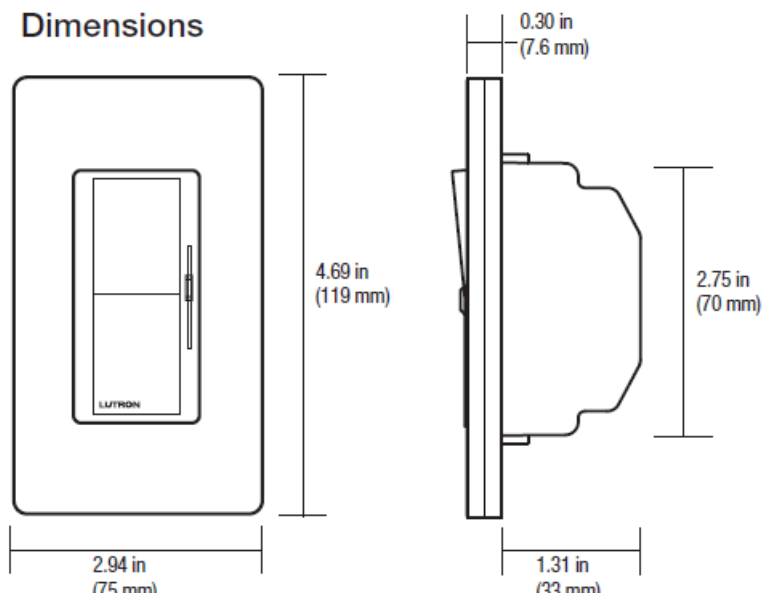
Environment

- 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



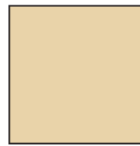
Note: Requires a U.S. wallbox 2` in (64 mm) deep minimum.

Colors and Finishes

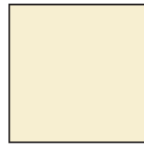
Add color/finish code to model # Example: DVCL-153P-WH Gloss Finishes



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



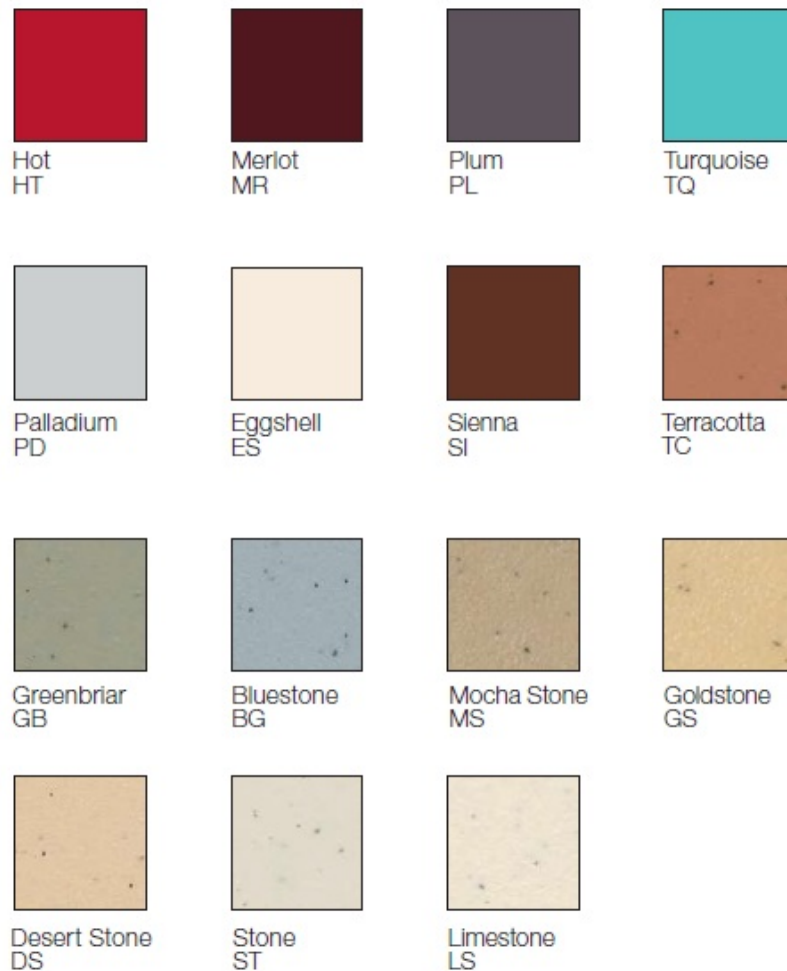
Deep Sea
DE



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 wall plates and accessories, visit lutron.com/claro

Satin Colors (while supplies last)



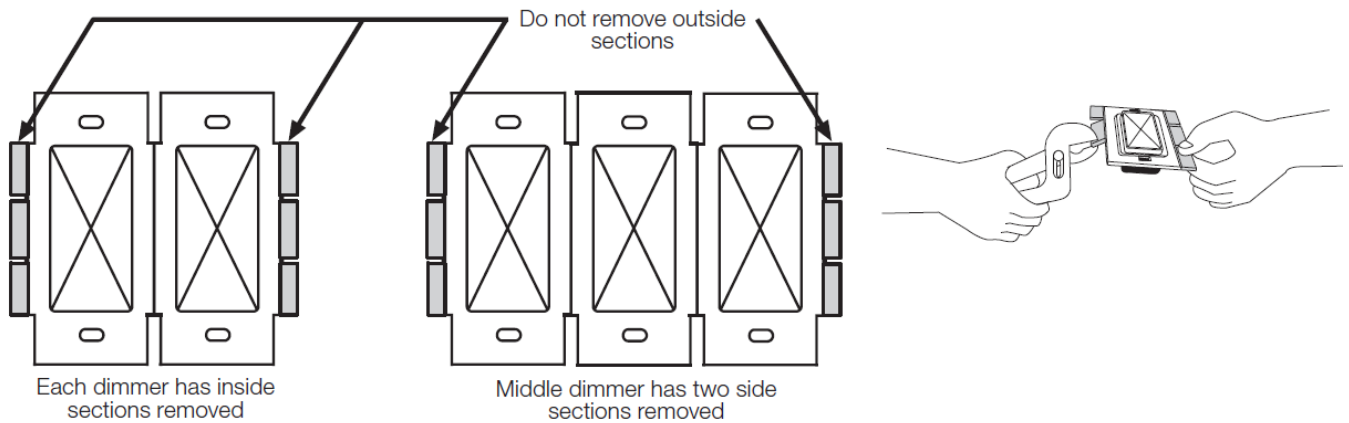
- Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.
- Color chip keychains are available for more precise color matching: Satin Colors: SC-CK-1 (while supplies last)
- Copper / Black screw terminal
- or Brass / Gold screw terminal
- 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.

Multirange and Mixed-Bulb-Type Ratings

- When installing more than one dimmer in the same wall box, 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.

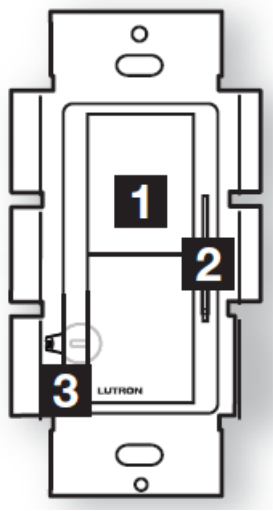


Total LED / CFL Wattage Installed (Wattage per bulb x # of bulbs)		Maximum Allowable Incandescent/Halogen Wattage		
		No sides removed	1 side removed	2 sides removed
0 W	+	600 W	500 W	400 W
1 W – 25 W	+	500 W	400 W	300 W
26 W – 50 W	+	400 W	300 W	200 W
51 W – 75 W	+	300 W	200 W	100 W
76 W – 100 W	+	200 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 wall plate 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.

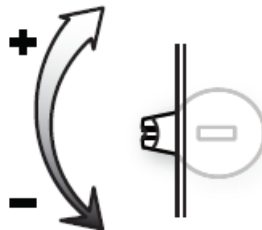


3. Adjustment lever

Sets low end dimming limit.

Up (clockwise)

Increases brightness



Down

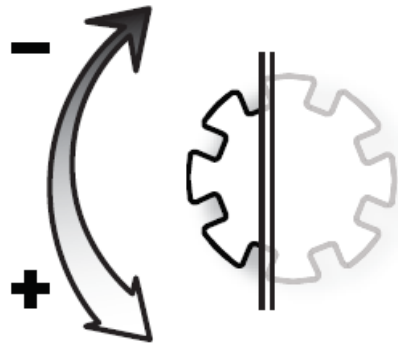
(counter-clockwise)

Decreases brightness

Wheel-type Adjustment Dial

SPECIFICATION SUBMITTAL Page

- Diva LED+ Dimmer Wallbox Controls
- Up (clockwise)
- Decreases brightness

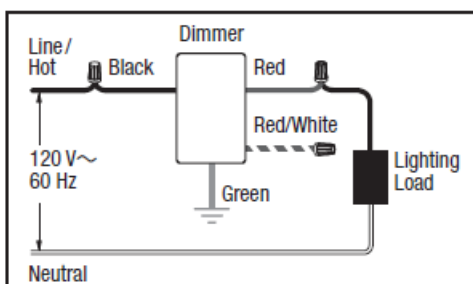


- Down
- (counter-clockwise)
- Increases brightness
- Sets low end dimming limit.

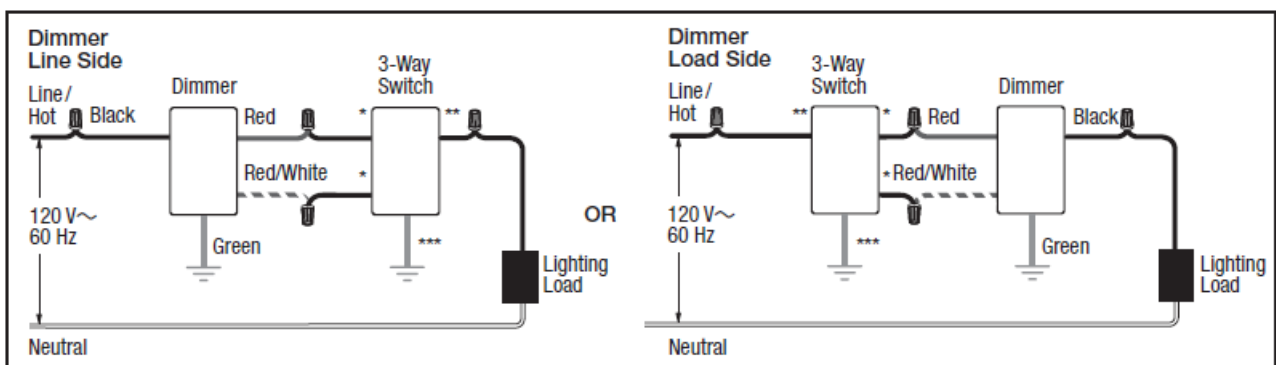
Diva LED+ Dimmer Wallbox Controls

Wiring Diagrams

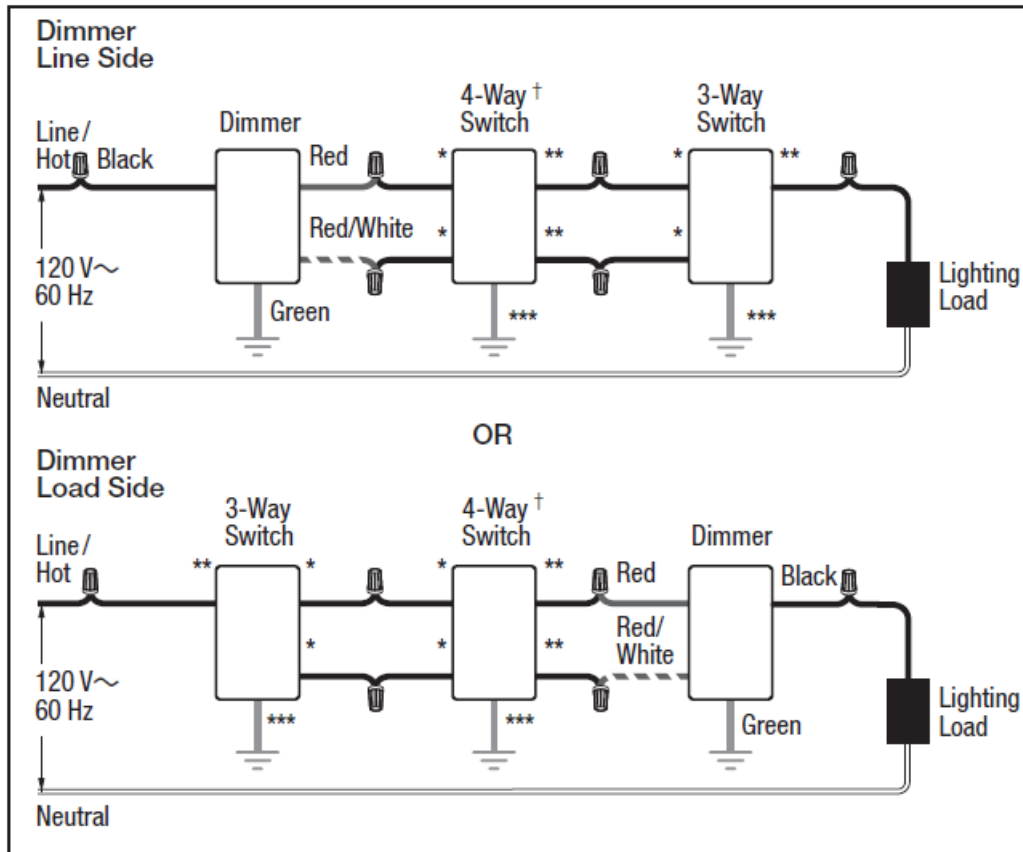
Single-Pole Wiring



3-Way Wiring



Way Wiring



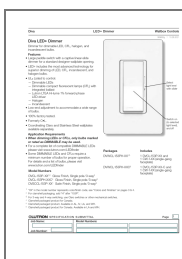
- Copper / Black screw terminal
- or Brass / Gold screw terminal
- or Green screw terminal
- Please refer to the switch' instruction sheet for proper wiring.

Note for 4-Way Wiring

Dimmer must be install Edline Side or Load Side. It cannot be installed in the 4-way location



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- All other product names, logos, and brands are property of their respective owners.

Documents / Resources



[LUTRON DVCL-153P-XX1 Diva LED Plus Dimmer Switch](#) [pdf] Instruction Manual
DVCL-153P-XX1, DVCL-153PH-XXC, DVSCCL-153P-XX1, DVWCL-153PH-XX1, DVWCL-153P
H-XXC, DVCL-153P-XX1 Diva LED Plus Dimmer Switch, DVCL-153P-XX1, Diva LED Plus Dimm
er Switch, Plus Dimmer Switch, Dimmer Switch, Switch

References

-  [Lutron Designer Style Wallplates and Accessories](#)
-  [LED Compatibility Tool | Lutron](#)
- [User Manual](#)