

Diva 250 W 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, halogen, and incandescent 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.
- NEMA SSL-7A Type 2 Compliant.
- 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 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

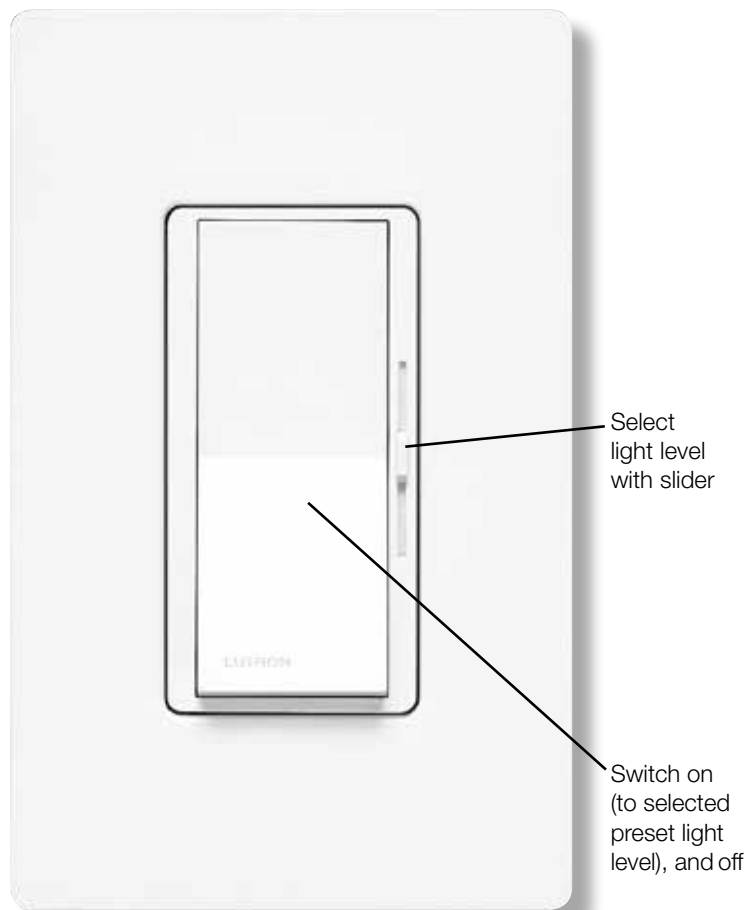
DVCL-253P-XX ^{1, 2}	Gloss Finish, Single-pole/3-way ³
DVCL-253PH-XX-C ⁴	Gloss Finish, Single-pole/3-way ³
DVSCCL-253P-XX ¹	Satin Finish, Single-pole/3-way ³

¹ "XX" in the model number represents color/finish code; see **Colors and Finishes** section.

² For clamshell packaging, add "H" after "253P". Clamshell packaged product available in IV, LA, and WH.

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

⁴ Clamshell packaged product for Canada. Available in WH only.



Job Name:	Model Numbers:
Job Number:	

Specifications

Regulatory Approvals

- UL Listed to US and Canadian safety requirements
UL1472/CSA C22.2 184.1
- NEMA SSL-7A Type 2

Power and Ratings

- 120 V~ 60 Hz
- 250 W dimmable LED/CFL
or
- 600 W incandescent/halogen
or
- Mixed bulb type per **Multigang and Mixed Bulb Type Ratings** table
or
- 350 W Lutron LTEA Hi-lume 1% forward-phase
LED driver (maximum 8 drivers)

Environment

- For indoor use only.
- Ambient operating temperature:
32 °F to 104 °F (0 °C to 40 °C), 0% - 90% humidity

Performance

- Power failure memory: should power be interrupted, the control will return to its previously set level prior to the interruption when power is restored.
- Captive linear slider
- Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.
- Precise color matching
- Mechanical air-gap switch to disconnect load power

Warranty

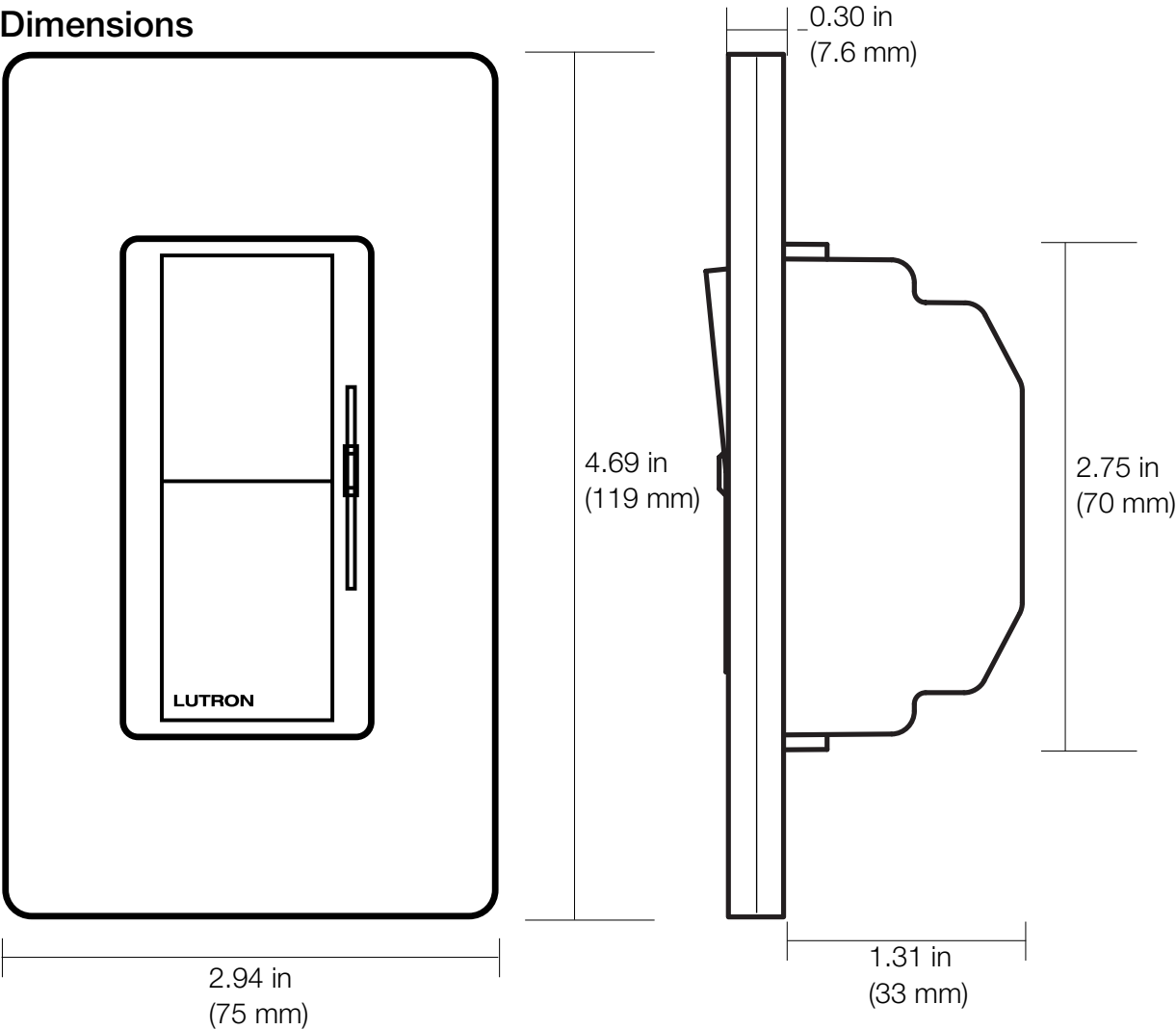
- 1 Year Limited Warranty
For additional Warranty information, please visit
www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

Job Name:

Model Numbers:

Job Number:

Dimensions



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

Colors and Finishes

Gloss Finishes



White
WH



Ivory
IV



Almond
AL



Light Almond
LA



Gray
GR

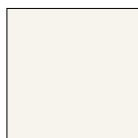


Brown
BR



Black
BL

Satin Finishes



Brilliant White
BW



Glacier White
GL



Snow
SW



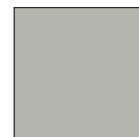
Architectural
White
RW



Lunar Gray
LG



Mist
MI



Pebble
PB



Cobblestone
CS



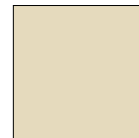
Slate
SL



Midnight
MN



Biscuit
BI



Sand
SD



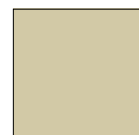
Taupe
TP



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

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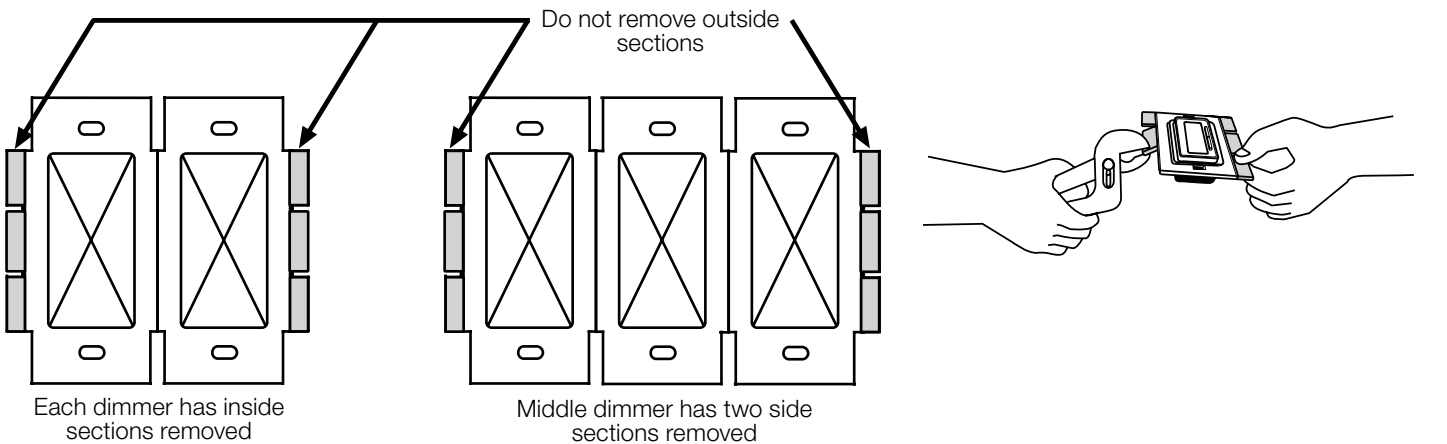
Multigang and Mixed-Bulb-Type Ratings

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.

Note: Lutron LTEA Hi-lume 1% forward-phase LED driver loads cannot be mixed with other loads.

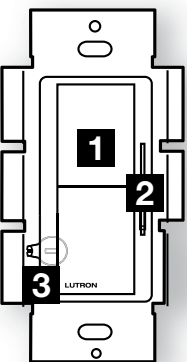
***EXAMPLE:** If one set of side sections is removed and you have eight 9 W LED bulbs installed (Total LED Wattage = 72 W), you may add up to 300 W of incandescent or halogen lighting.



		A B C B
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Note: There is no wattage reduction when controlling only LED or CFL

Operation (View with wallplate removed)



1 Switch
Turns lights ON and OFF.

2 Slider
Controls light level.

+ Up
Increases light level

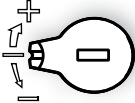
- Down
Decreases light level

IMPORTANT: Set slider to bottom before adjusting dimming range.

Lever-type Adjustment Dial

3 Adjustment lever
Sets low end dimming limit.

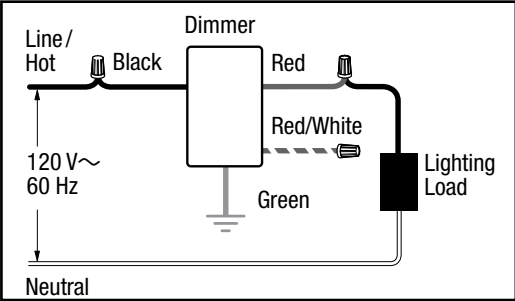
Up (clockwise)
Increases brightness



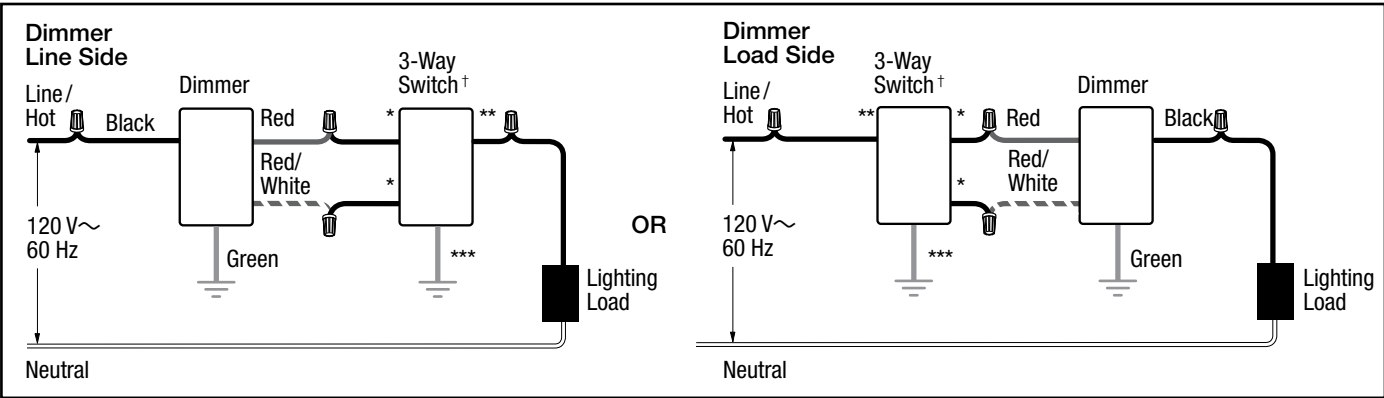
Down (counter-clockwise)
Decreases brightness

Wiring Diagrams

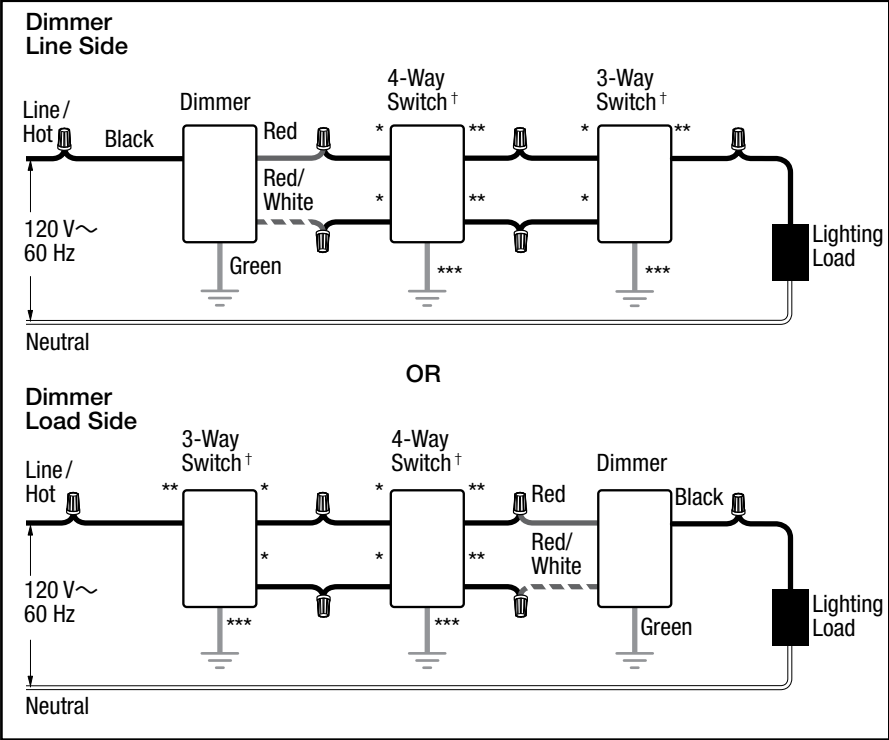
Single-Pole Wiring



3-Way Wiring



4-Way Wiring



- * Brass/Gold screw terminal
- ** Copper/Black screw terminal
- *** 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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