

Diva LED+ Dimmer

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

Features

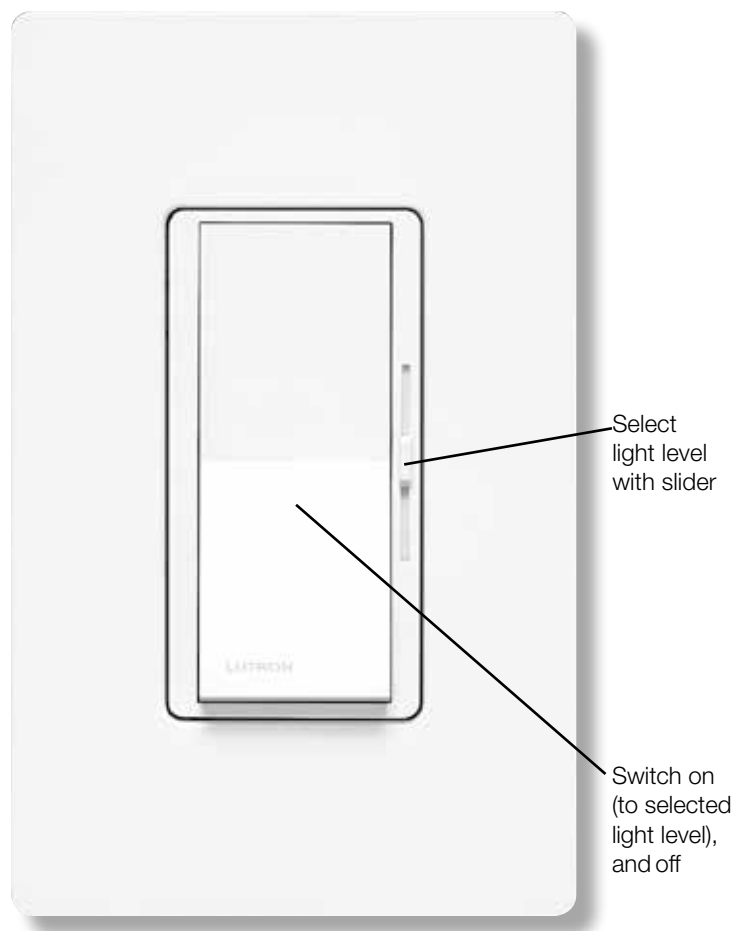
- Large paddle switch with a captive linear-slide dimmer for a standard designer wallplate opening.
- LED+ includes the most advanced technology for superior dimming of LED, CFL, halogen, and incandescent bulbs.
- UL Listed to control:
 - Dimmable LEDs
 - Dimmable compact fluorescent lamps (CFL) with 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.
- 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
- 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-XX¹ Satin Finish, Single pole/3-way³



Packages

DVWCL-153PH-XX^{1,5}

DVWCL-153PH-XXC⁶

Includes

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

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

¹ "XX" in the model number represents color/finish code; see "Colors and Finishes" on page 3.

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.

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 5)
- 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).

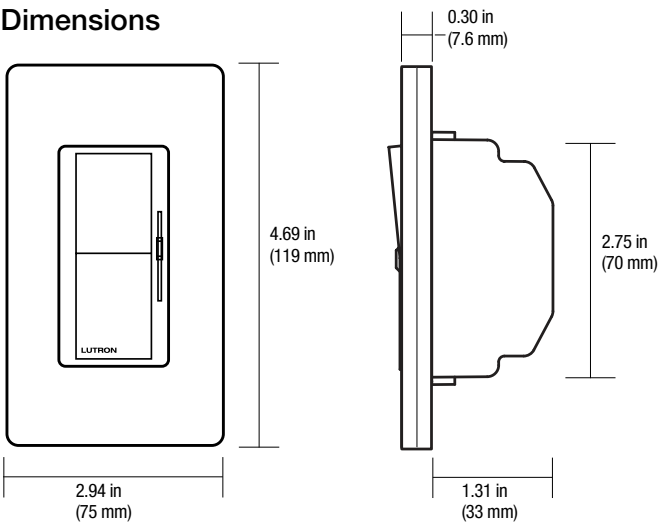
Performance

- 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 2½ in (64 mm) deep minimum.

Job Name:	Model Numbers:
Job Number:	

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

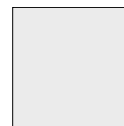
Satin Finishes



Brilliant White
BW



Glacier White
GL



Snow
SW



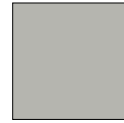
Architectural
White
RW



Lunar Gray
LG



Mist
MI



Pebble
PB



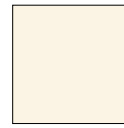
Cobblestone
CS



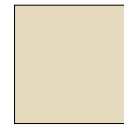
Slate
SL



Midnight
MN



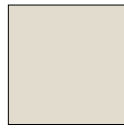
Biscuit
BI



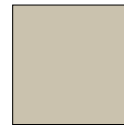
Sand
SD



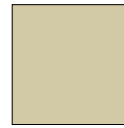
Taupe
TP



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

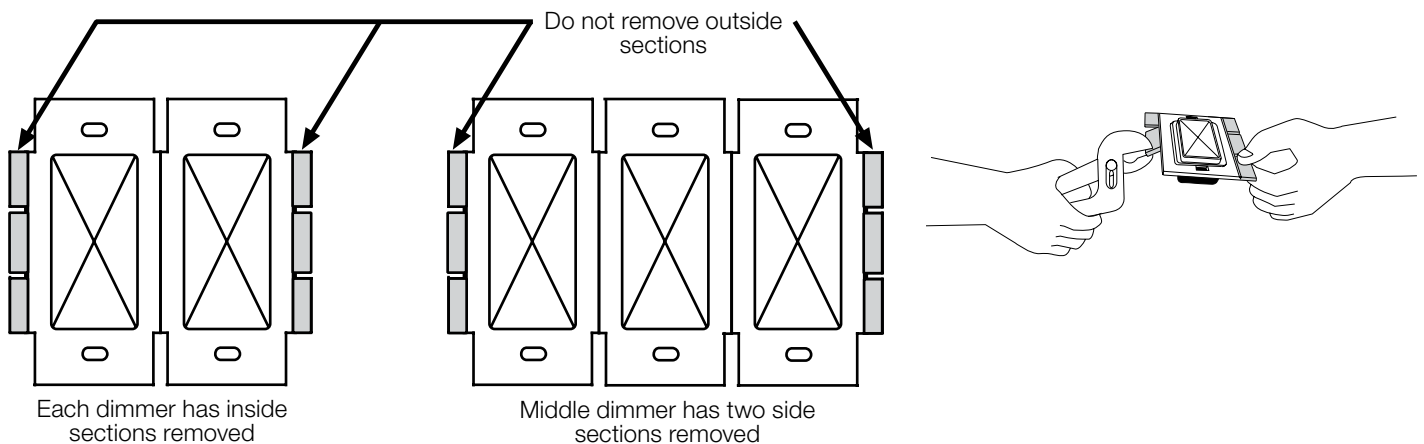
Job Name:	Model Numbers:
Job Number:	

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.

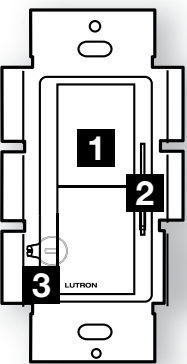
*EXAMPLE: If one set of side sections is removed and you have three 10 W LED bulbs installed (Total LED Wattage = 30 W), you may add up to 300 W of incandescent or halogen lighting.



Total LED/CFL Wattage Installed (Wattage per bulb x # of bulbs)	LED CFL	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

Job Name:	Model Numbers:
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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

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Sets low end dimming limit.

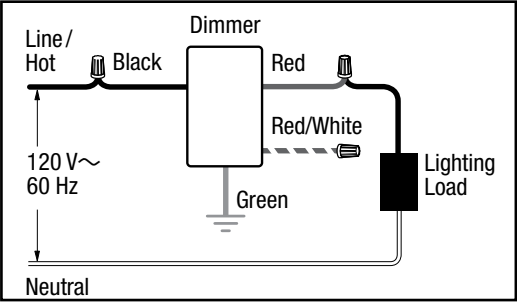
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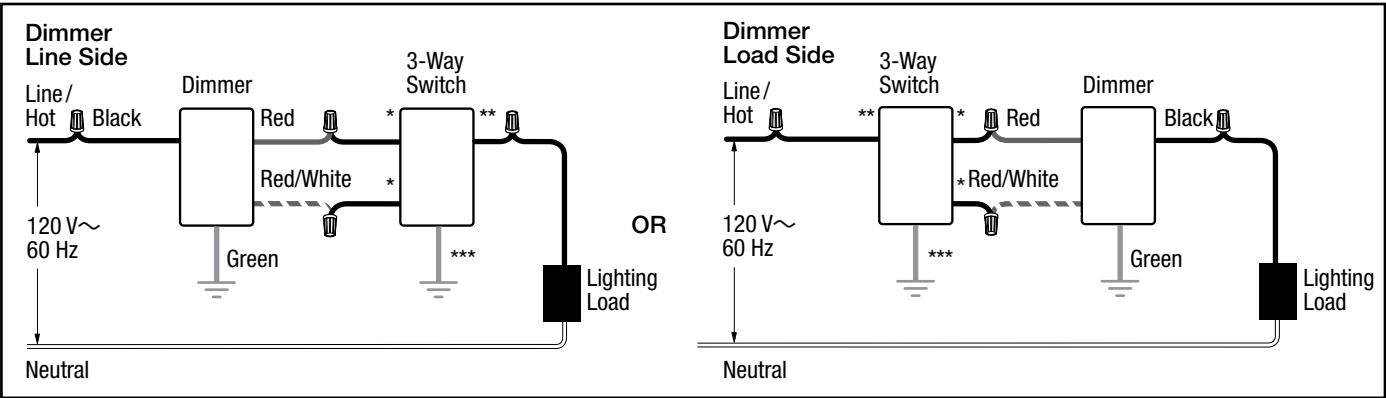
Job Name:	Model Numbers:
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Wiring Diagrams

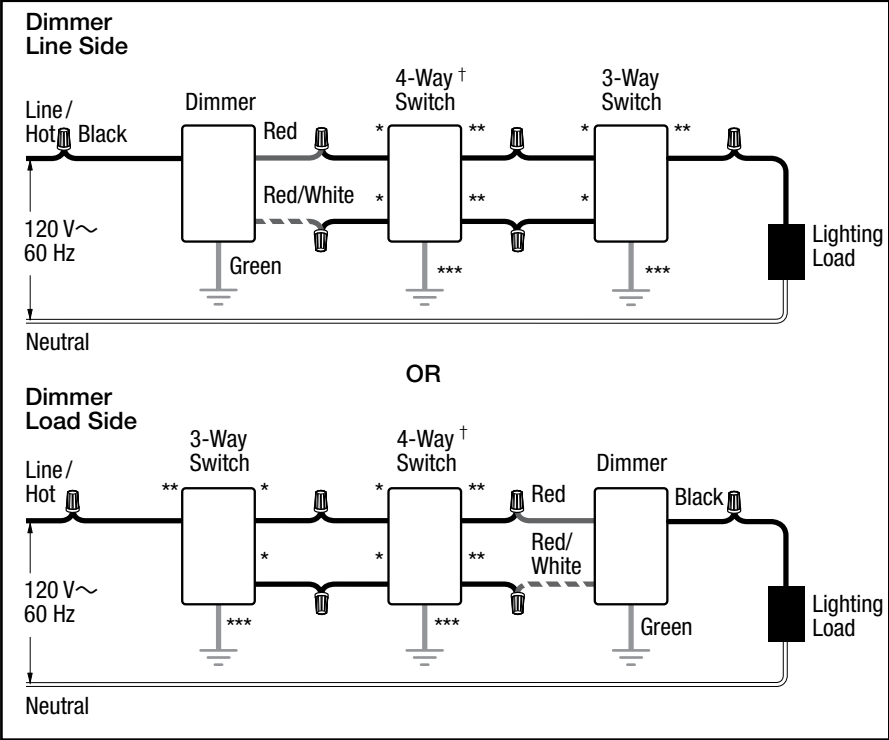
Single-Pole Wiring



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.

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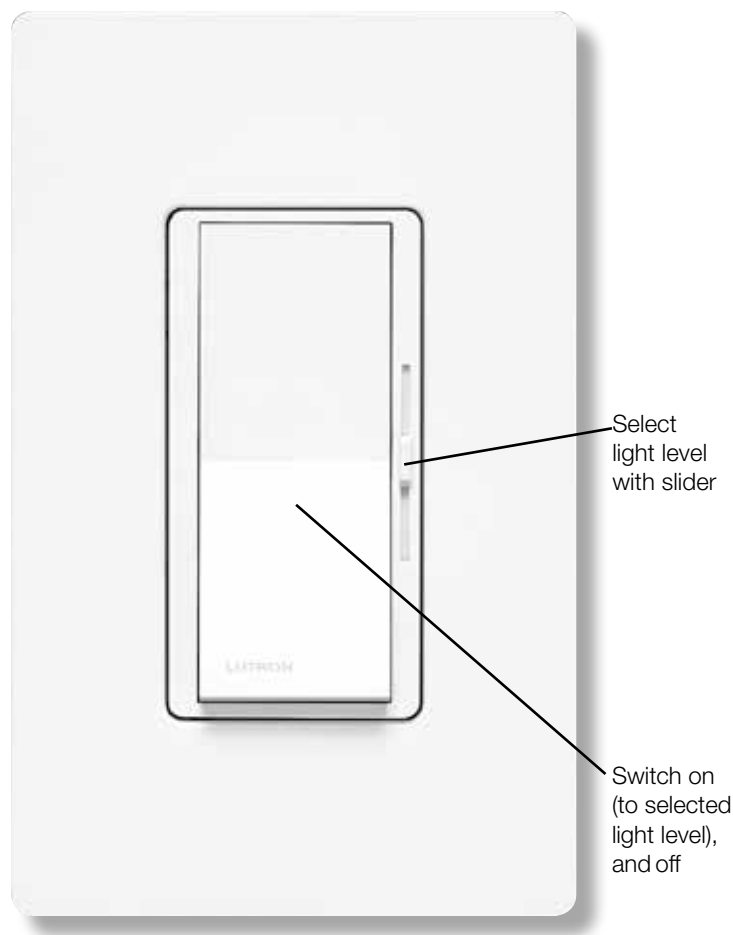
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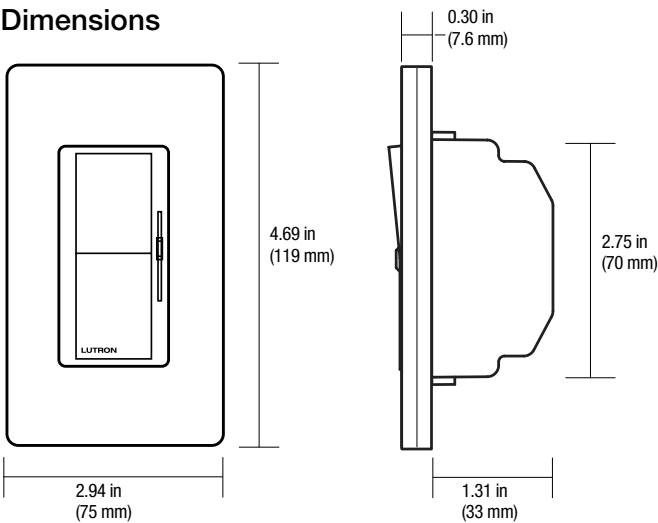
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- Precise color matching
- Mechanical air-gap switch to disconnect load power

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Dimensions



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Colors and Finishes

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Example: DVCL-153P-WH

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White
WH



Ivory
IV



Almond
AL



Light Almond
LA



Gray
GR



Brown
BR



Black
BL

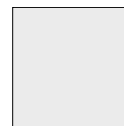
Satin Finishes



Brilliant White
BW



Glacier White
GL



Snow
SW



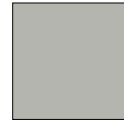
Architectural
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RW



Lunar Gray
LG



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MI



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PB



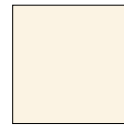
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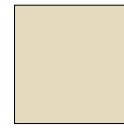
Slate
SL



Midnight
MN



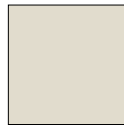
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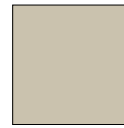
Sand
SD



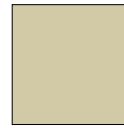
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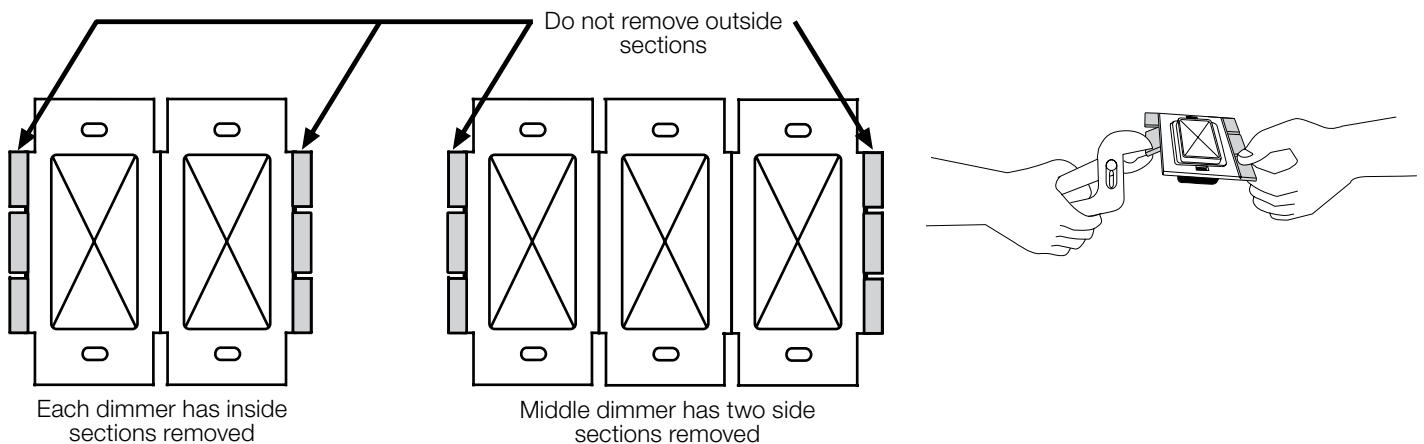
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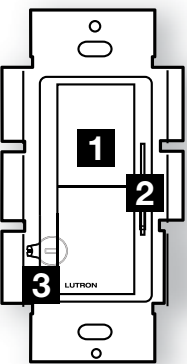
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51 W – 75 W	+	300 W	200 W	100 W
76 W – 100 W	+	200 W	100 W	50 W
101 W – 125 W	+	100 W	50 W	0 W
126 W – 150 W	+	0 W	0 W	0 W

Job Name:	Model Numbers:
Job Number:	

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.

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OR

Wheel-type Adjustment Dial

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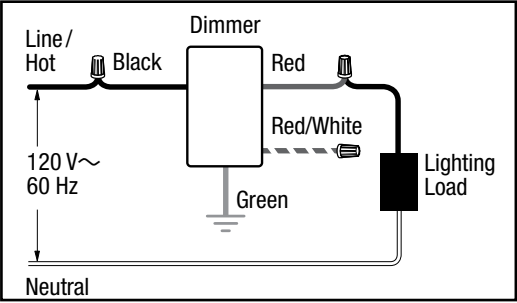
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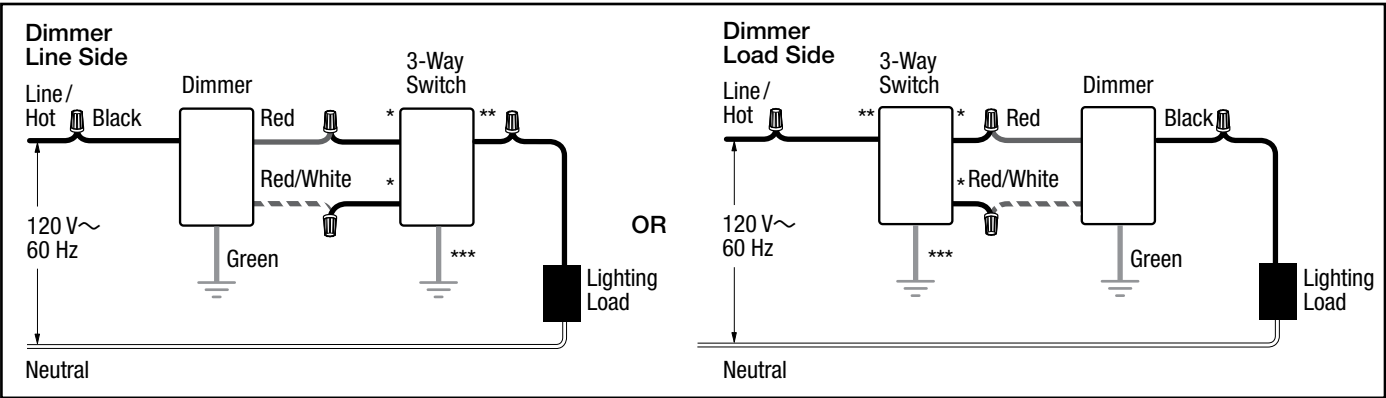
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Wiring Diagrams

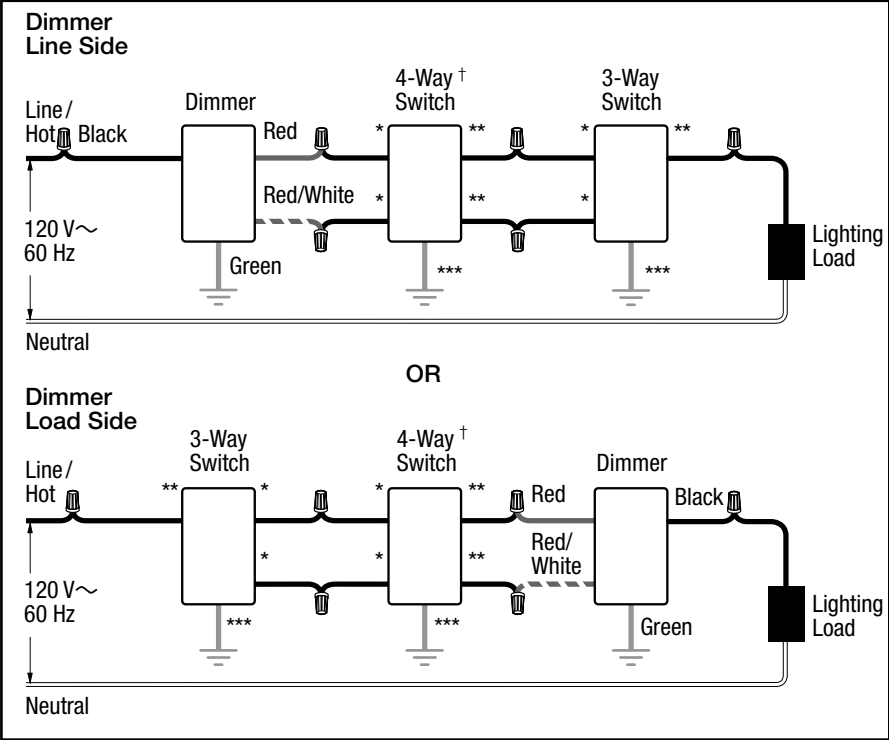
Single-Pole Wiring



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.

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