3691129c 1 08.23.21

Sunnata LED+ Dimmer: STCL-153P

Note: STCL-153P is pending obsolescence. The new model number is STCL-153M.

Touch dimmer with advanced technology for dimming LED, CFL, Incandescent, and Halogen bulbs.



Wallplate sold separately

Features

- Touch dimmer with on/off paddle switch that fits in a standard designer wallplate opening.
- Advanced dimming technology designed for compatibility with a broad range of high efficacy bulbs.
- UL® Listed to control:
  - — Dimmable LED with integrated driver
  - — Halogen
  - — Incandescent
  - — Dimmable Compact Fluorescent Lamps (CFLs) with integrated ballast
- Low-end and high-end adjustments to accommodate a wide range of bulbs.
- No neutral required for wiring into any home.
- Can be used in single-pole or 3-way mechanical switch[1] applications.
- Coordinating Claro and Stainless Steel wallplates available separately.
- 100% factory tested.
- NEMA SSL-7A Compliant.

Product Specific Features

- Capable of controlling up to 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).

Model Number

STCL-153P-XX[2,3]	Single-pole/3-way[1]
STCL-153P-XX-C[2,3,4]	Single-pole/3-way[1]

Please note, STCL-153P is pending obsolescence. STCL-153M is the replacement model number and meets all of the specifications of STCL-153P. See the STCL-153M Specification Submittal (P/N 3691167) at www.lutron.com/SunnataSupport

Notes:

[1] An additional wiring step is required for 3-way mechanical switch applications. Not for use in 4-way mechanical switch applications. Not compatible with Lutron Maestro accessory dimmers.

[2] "XX" Color codes, see section “Colors and Finishes” on the next page.

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

[4] For clamshell packaged product for Canada add "C" after the color code.

LUTRON SPECIFICATION SUBMITTAL Page

Job Name:	Model Numbers:
Job Number:	

3691129c 2 08.23.21

Specifications: STCL-153P

Regulatory Approvals

- UL® Listed to U.S. and Canadian safety requirements (UL 1472/CSA C22.2 184.1)
- NOM
- FCC/IC

Power and Ratings

- 120 V~ 60 Hz
- Maximum Load
  - 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)
- Minimum Load
  - Visit the online tool at lutron.com/LEDfinder for LED/CFL
    or
  - 25 W Incandescent/Halogen

Environment

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

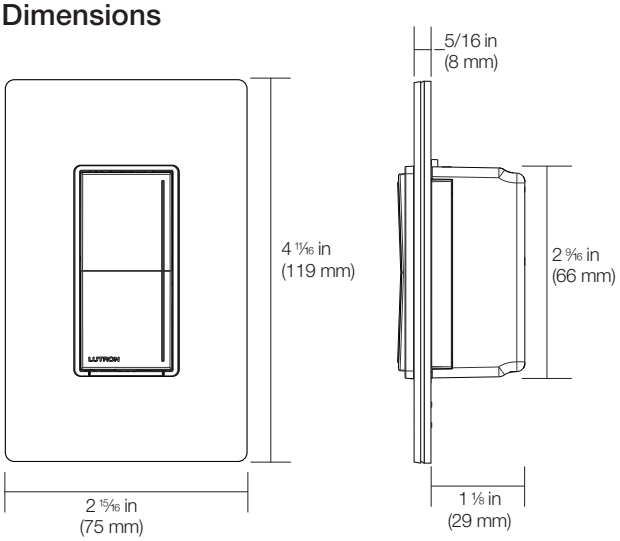
Performance

- Power-failure memory
- Touch dimmer to go to any light level
- Electrostatic discharge tested
- Precise color matching
- Includes a Front Accessible Service Switch (FASS) for safe bulb replacement

Application Requirements

- ***When using LEDs or CFLs, only bulbs marked or rated as Dimmable can be used.***
- To access our mobile friendly online tool of DIMMABLE LEDs and CFLs visit www.lutron.com/LEDfinder

Dimensions



Note: Requires a U.S. wallbox 2 ¼ in (57 mm) deep minimum.

Warranty

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

Colors and Finishes

Gloss Finishes

WH	White
IV	Ivory
LA	Light Almond
BL	Black

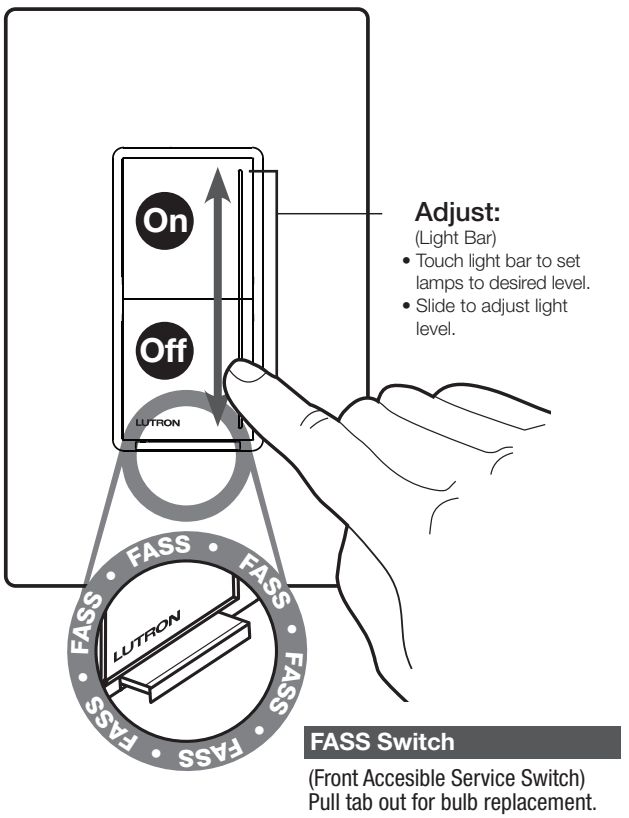
Job Name:	Model Numbers:
Job Number:	

3691129c 3 08.23.21

Multigang and Mixed-Bulb-Type Ratings: STCL-153P

Total LED•CFL Wattage Installed (LED, CFL) (Watts per bulb X # of bulbs)		Maximum Allowable Incandescent/Halogen Wattage (INC/HAL)		
		Single Gang	Middle of Gang	End of Gang
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

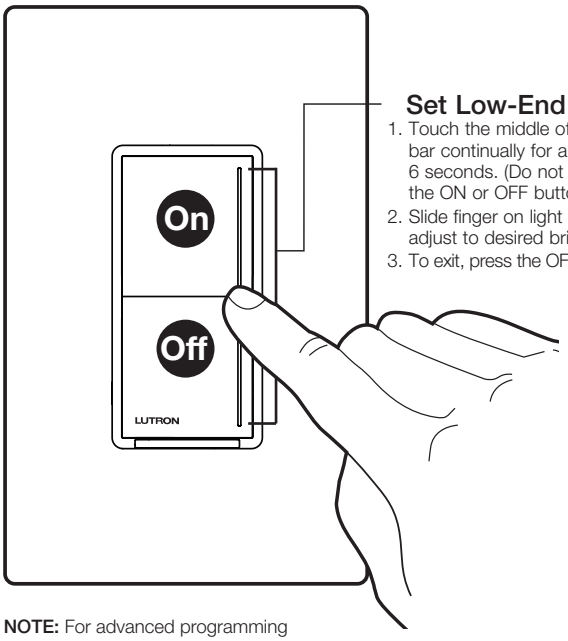
Operation: STCL-153P



Adjust:
(Light Bar)
- Touch light bar to set lamps to desired level.
- Slide to adjust light level.

FASS Switch
(Front Accesible Service Switch)
Pull tab out for bulb replacement.

For videos and step by step instructions, please see www.lutron.com/wiringwizard



Set Low-End Trim:
1. Touch the middle of light bar continually for about 6 seconds. (Do not depress the ON or OFF buttons).
2. Slide finger on light bar to adjust to desired brightness.
3. To exit, press the OFF button.

NOTE: For advanced programming options see the **Sunnata Advanced Programming Mode,** Application Note (P/N 048734), at www.lutron.com/SunnataAFM

Job Name:	Model Numbers:
Job Number:	

3691129c 4 08.23.21

MyLevel Personalization Advanced Features

Sunnata dimmers contain advanced features that allow users to customize the control to meet their specific needs. Before entering MyLevel, it is important to have a good understanding of the advanced features.

Explanation of Advanced Features

– **High-End Trim:** Adjust the maximum light level of the load.

– **Low-End Trim:** Adjust the minimum light level of the load.

– **Idle/Locator Light:** Select between ON and OFF for the Light Bar when not interacting with the control.

– **Light Bar Brightness:** Select between high, medium, and low brightness of the control's light bar.

– **Preset Light Level:** Change the behavior of the device when the ON button is pressed from the OFF state to ON.

– **Restore Factory Default Settings:** Return the control to its original settings.

Default Settings

Feature	Default
High-end Trim	~114 V~
Low-end Trim	~22 V
Idle/Locator Light	ON/ON
Light Bar Brightness	Medium brightness
Preset Light Level	Pressing the ON button always sets the lights to full (locked preset at high-end)

Please refer to the **Sunnata Dimmer MyLevel Personalization Application Note** (P/N 048734) at www.lutron.com/SunnataMyLevel for more information.

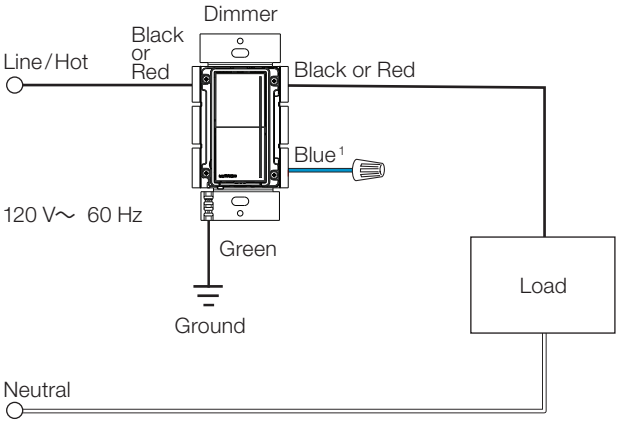
Job Name:	Model Numbers:
Job Number:	

3691129c 5 08.23.21

Wiring Diagrams: STCL-153P only

Please note: STCL-153M has additional wiring configurations for 3-way and multi-location. See the STCL-153M Specification Submittal P/N 3691167 at www.lutron.com/SunnataSupport

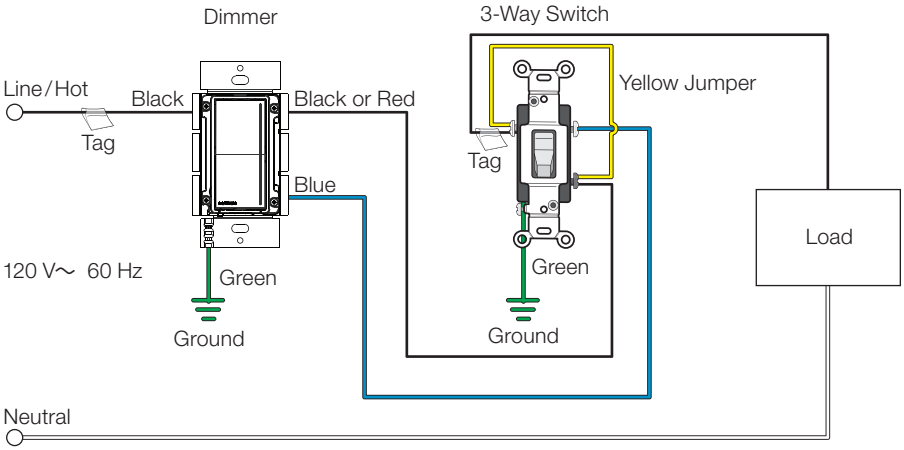
Single Pole Wiring



[1] When using controls in single location installations, cap the blue terminal with a wirenut. Do not connect the blue wire to any other wiring or to ground.

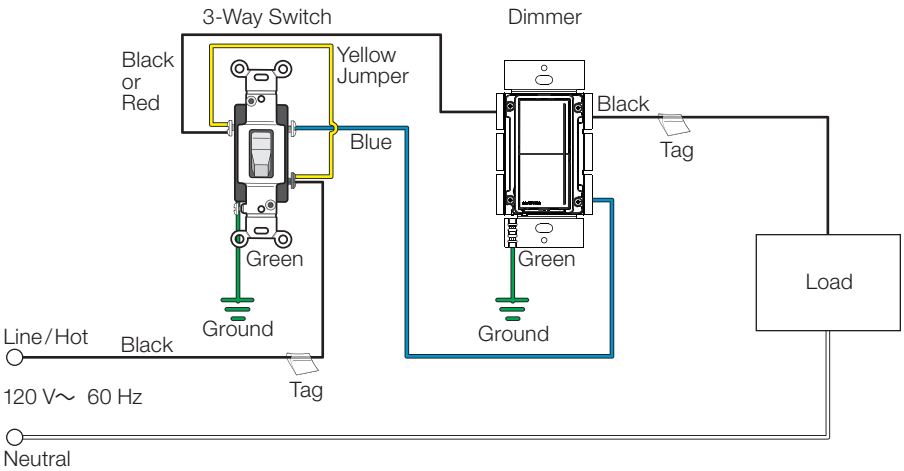
3-Way Wiring (Using 3-Way Mechanical Switch)

Dimmer Line Side



Note: Dimmer can be installed on the line side or load side of the circuit. Not compatible with Lutron accessory switches or dimmers.

Dimmer Load Side



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

Job Name:	Model Numbers:
Job Number:	

3691129c 1 08.23.21

Sunnata LED+ Dimmer: STCL-153P

Note: STCL-153P is pending obsolescence. The new model number is STCL-153M.

Touch dimmer with advanced technology for dimming LED, CFL, Incandescent, and Halogen bulbs.



Wallplate sold separately

Features

- Touch dimmer with on/off paddle switch that fits in a standard designer wallplate opening.
- Advanced dimming technology designed for compatibility with a broad range of high efficacy bulbs.
- UL® Listed to control:
  - — Dimmable LED with integrated driver
  - — Halogen
  - — Incandescent
  - — Dimmable Compact Fluorescent Lamps (CFLs) with integrated ballast
- Low-end and high-end adjustments to accommodate a wide range of bulbs.
- No neutral required for wiring into any home.
- Can be used in single-pole or 3-way mechanical switch[1] applications.
- Coordinating Claro and Stainless Steel wallplates available separately.
- 100% factory tested.
- NEMA SSL-7A Compliant.

Product Specific Features

- Capable of controlling up to 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).

Model Number

STCL-153P-XX[2,3]	Single-pole/3-way[1]
STCL-153P-XX-C[2,3,4]	Single-pole/3-way[1]

Please note, STCL-153P is pending obsolescence. STCL-153M is the replacement model number and meets all of the specifications of STCL-153P. See the STCL-153M Specification Submittal (P/N 3691167) at www.lutron.com/SunnataSupport

Notes:

[1] An additional wiring step is required for 3-way mechanical switch applications. Not for use in 4-way mechanical switch applications. Not compatible with Lutron Maestro accessory dimmers.

[2] "XX" Color codes, see section “Colors and Finishes” on the next page.

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

[4] For clamshell packaged product for Canada add "C" after the color code.

LUTRON SPECIFICATION SUBMITTAL Page

Job Name:	Model Numbers:
Job Number:	

3691129c 2 08.23.21

Specifications: STCL-153P

Regulatory Approvals

- UL® Listed to U.S. and Canadian safety requirements (UL 1472/CSA C22.2 184.1)
- NOM
- FCC/IC

Power and Ratings

- 120 V~ 60 Hz
- Maximum Load
  - 150 W Dimmable LED/CFL
    or
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Environment

- For indoor use only
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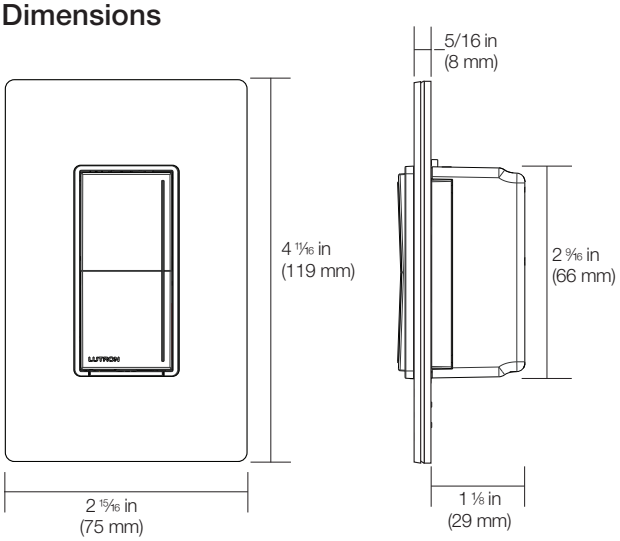
Performance

- Power-failure memory
- Touch dimmer to go to any light level
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Application Requirements

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Note: Requires a U.S. wallbox 2 ¼ in (57 mm) deep minimum.

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Colors and Finishes

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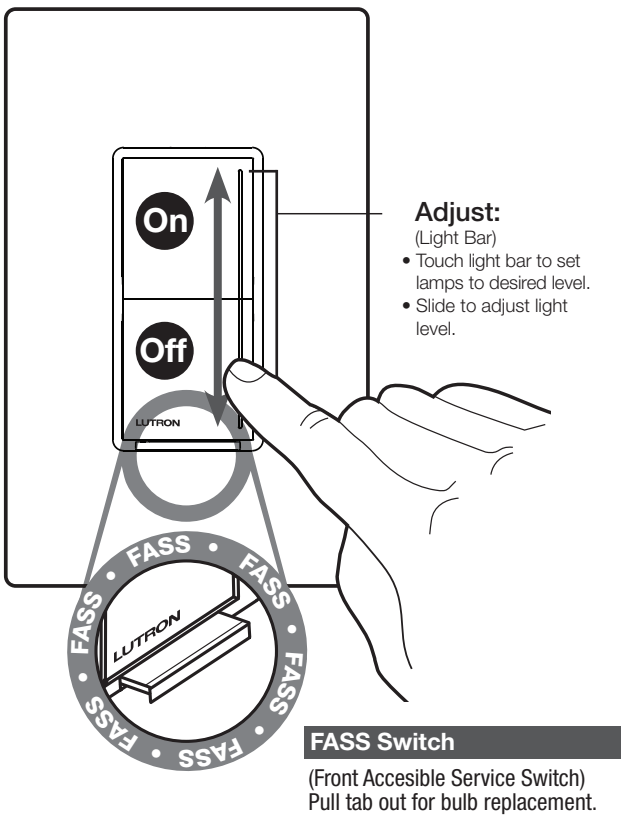
Job Name:	Model Numbers:
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3691129c 3 08.23.21

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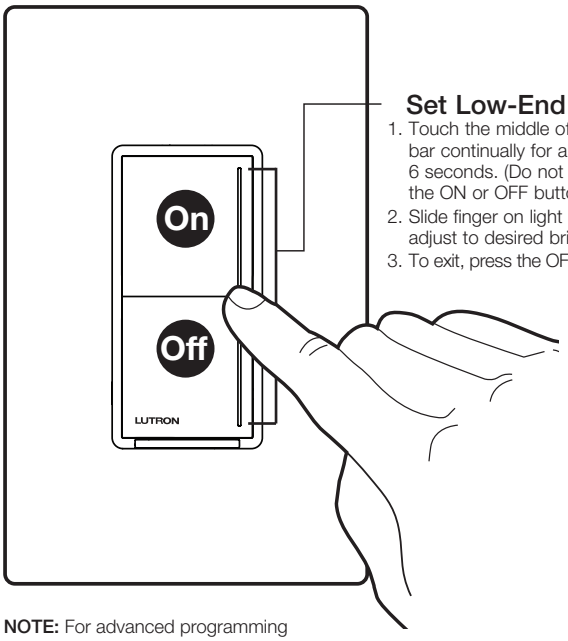
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NOTE: For advanced programming options see the **Sunnata Advanced Programming Mode,** Application Note (P/N 048734), at www.lutron.com/SunnataAFM

Job Name:	Model Numbers:
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3691129c 4 08.23.21

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Please refer to the **Sunnata Dimmer MyLevel Personalization Application Note** (P/N 048734) at www.lutron.com/SunnataMyLevel for more information.

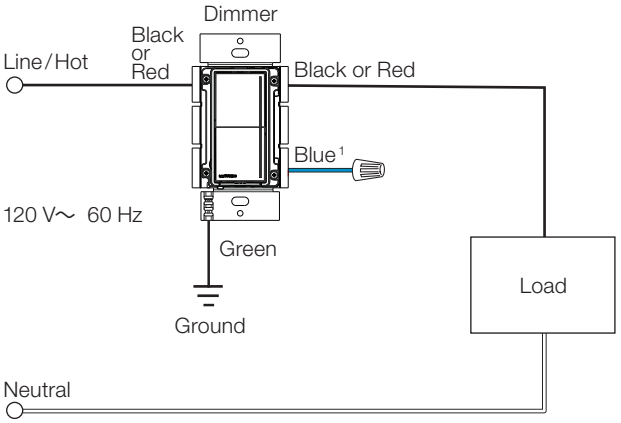
Job Name:	Model Numbers:
Job Number:	

3691129c 5 08.23.21

Wiring Diagrams: STCL-153P only

Please note: STCL-153M has additional wiring configurations for 3-way and multi-location. See the STCL-153M Specification Submittal P/N 3691167 at www.lutron.com/SunnataSupport

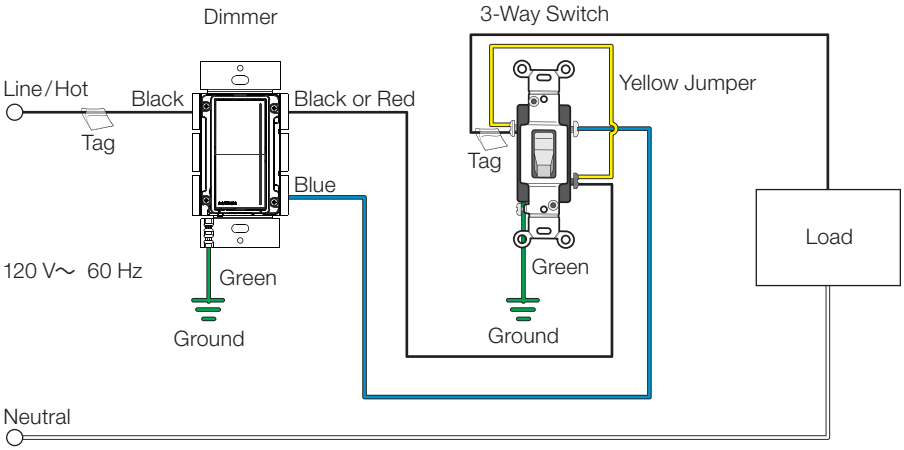
Single Pole Wiring



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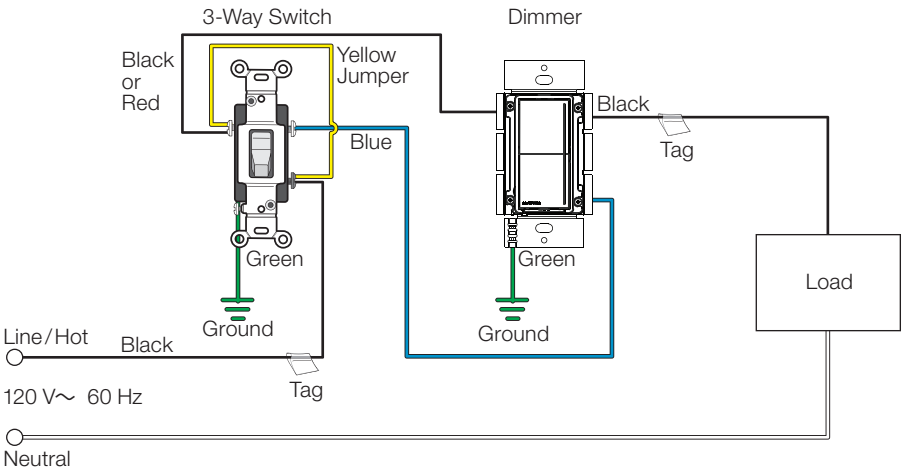
3-Way Wiring (Using 3-Way Mechanical Switch)

Dimmer Line Side



Note: Dimmer can be installed on the line side or load side of the circuit. Not compatible with Lutron accessory switches or dimmers.

Dimmer Load Side



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Job Name:	Model Numbers:
Job Number:	