

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.

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 switch¹ 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).



Wallplate sold separately

Model Number

STCL-153P-XX^{2,3} Single-pole/3-way¹

STCL-153P-XX-C^{2,3,4} Single-pole/3-way¹

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.

| | |
|--------------------|-----------------------|
| Job Name: | Model Numbers: |
| Job Number: | |

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)

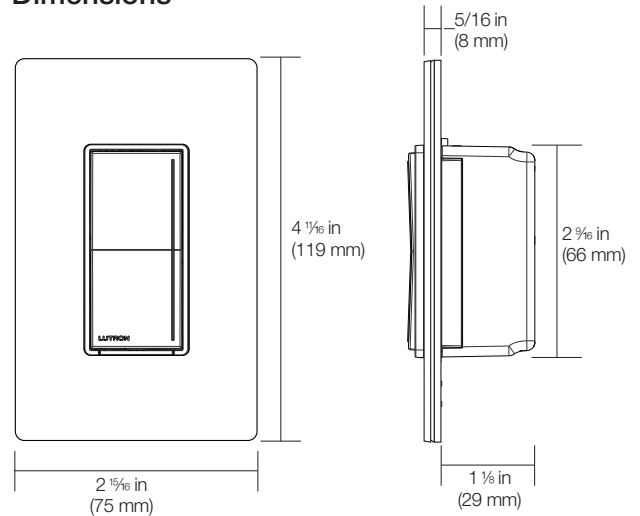
Performance

- 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 1/4 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

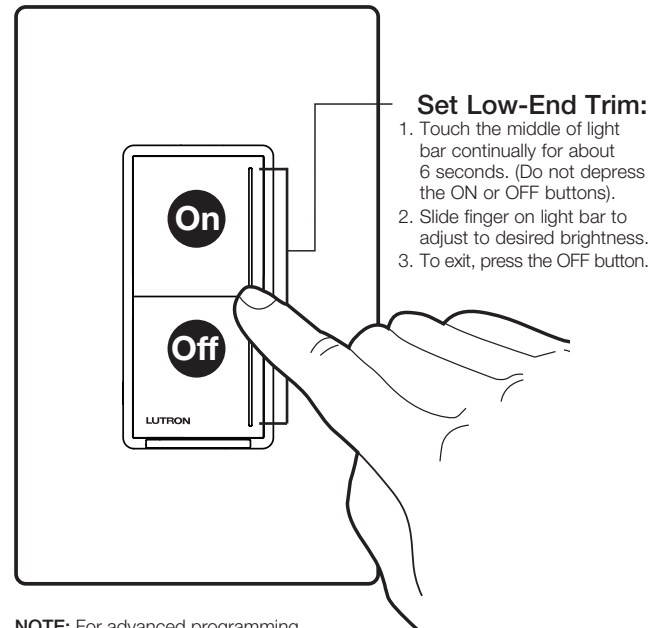
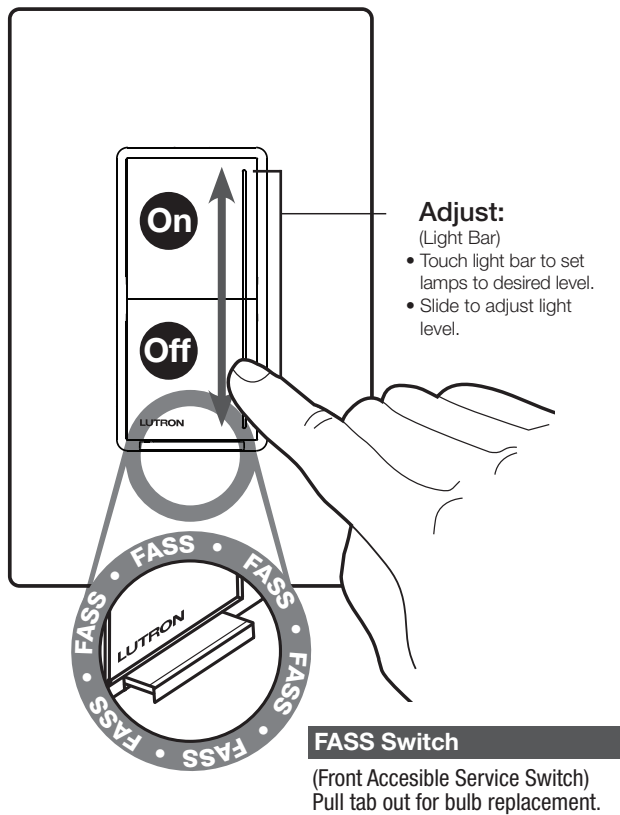
| | |
|----|--------------|
| WH | White |
| IV | Ivory |
| LA | Light Almond |
| BL | Black |

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| Job Name: | Model Numbers: |
| Job Number: | |

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

| Total LED•CFL Wattage Installed (Watts per bulb X # of bulbs) |  LED  CFL | Maximum Allowable Incandescent/Halogen Wattage | | |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------|-------------|
| | | 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**



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

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

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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) |

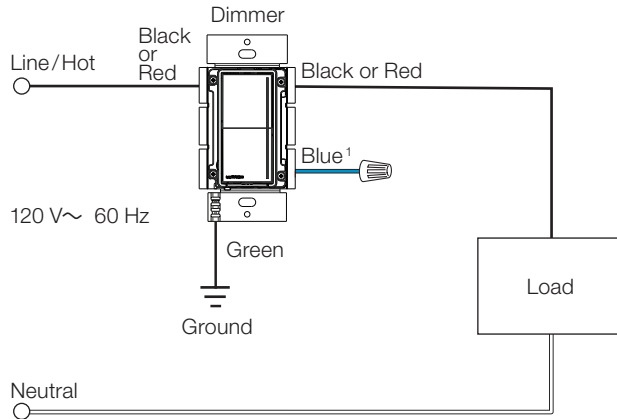
Please refer to the **Sunnata Dimmer MyLevel Personalization Application Note** (P/N 048734) at www.lutron.com/SunnataMyLevel for more information.

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| Job Name: | Model Numbers: |
| Job Number: | |

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

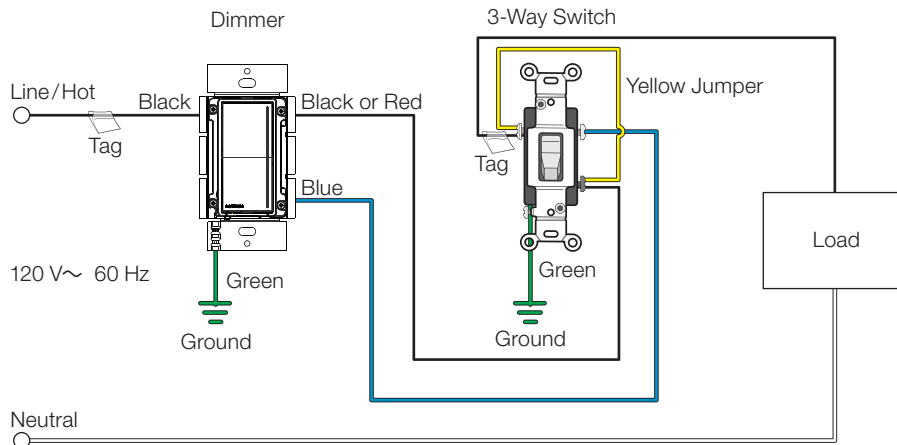
Single Pole Wiring



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.

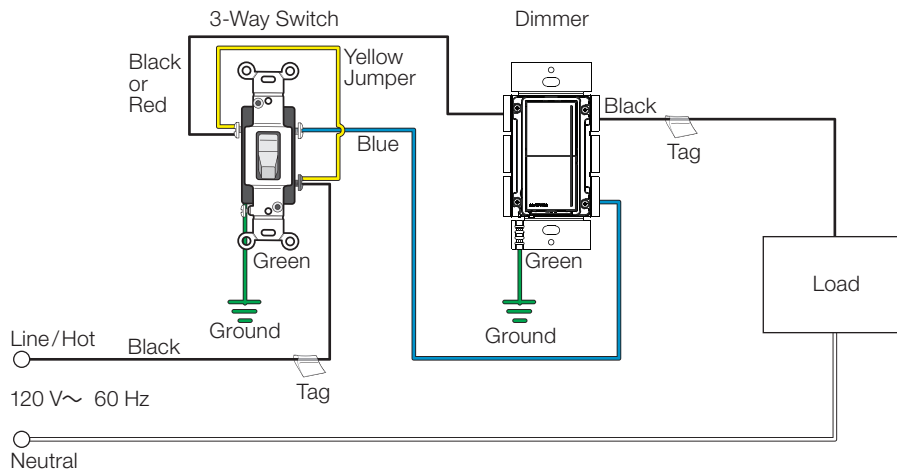
3-Way Wiring (Using 3-Way Mechanical Switch)

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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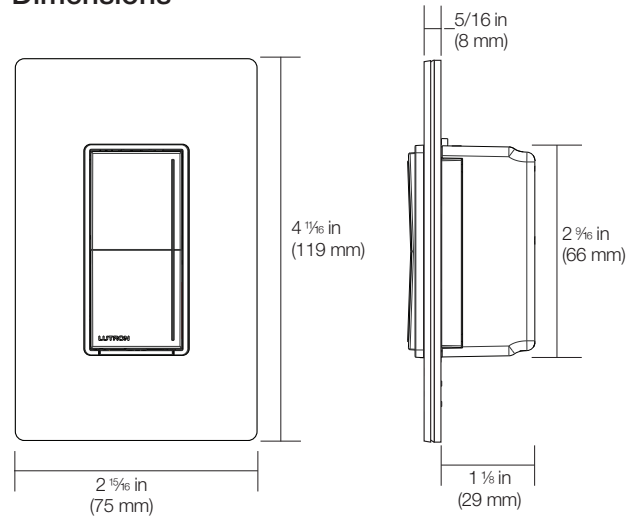
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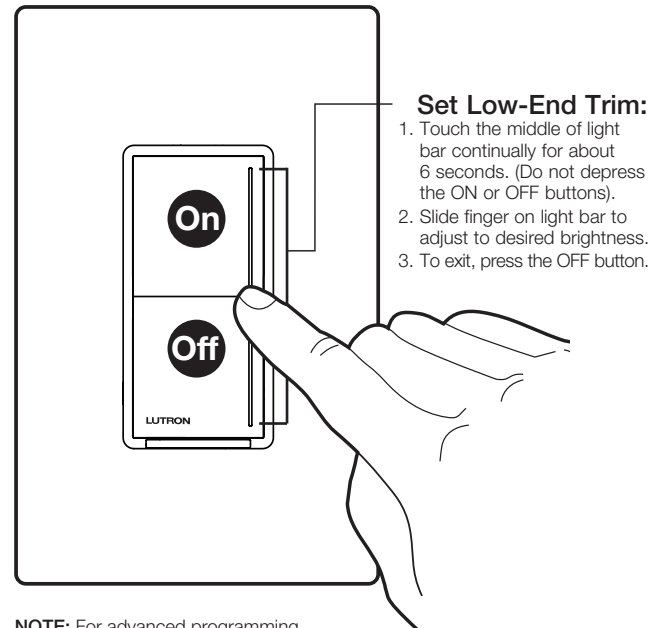
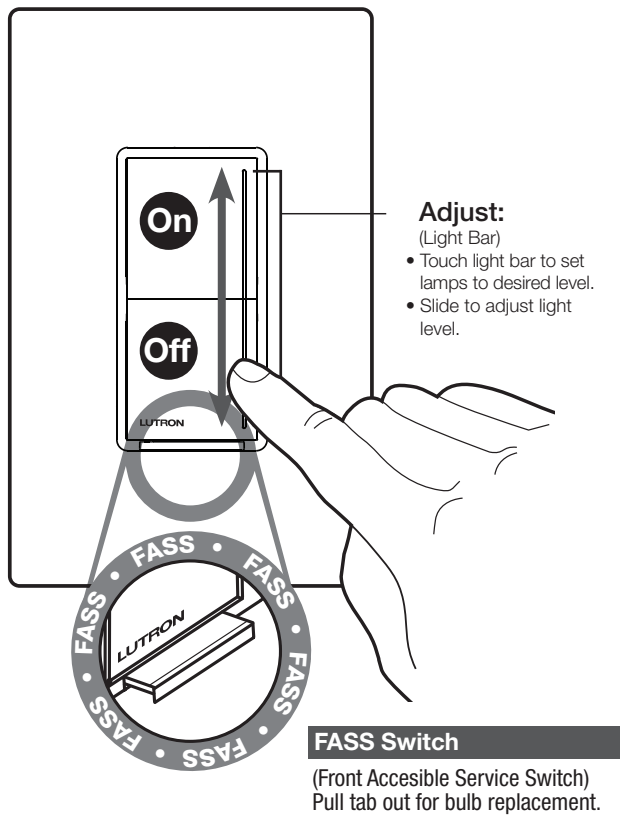
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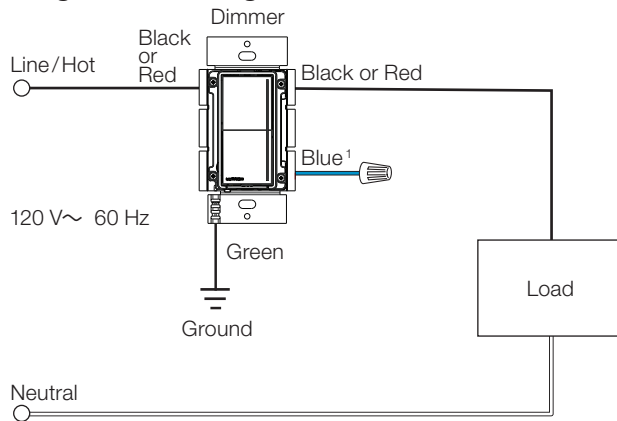
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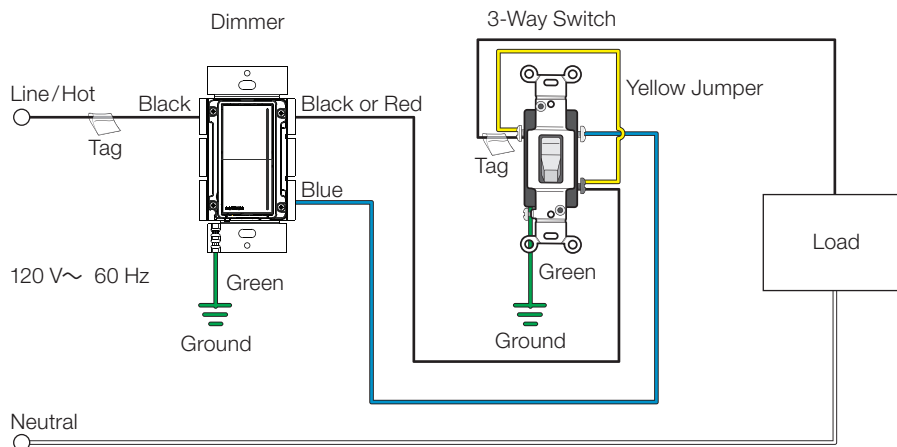
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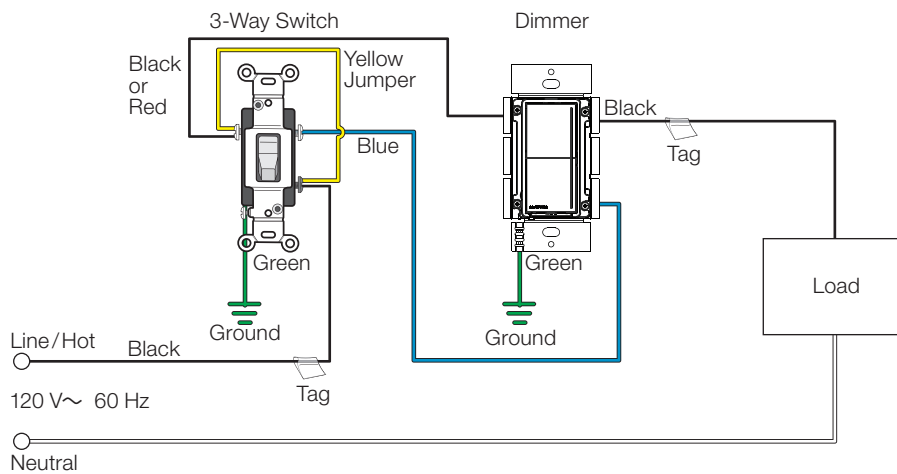
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