

LUTRON

Quick Install Guide

Sunnata LED+ Dimmer

120 V~ 60 Hz

How-to videos



lutron.com/SunnataWiring

Install with confidence

Use included diagrams or visit our website for step-by-step instructions.

Find the right LED



lutron.com/LEDfinder

STCL-153M

150 W
LED/CFL

600 W*
Incand. /Halogen

Please read before installing

FCC Supplier Declaration of Conformity/IC:

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference, and

(2) This device must accept any interference, including interference that may cause undesired operation. Modifications not expressly approved by Lutron Electronics Co., Inc. could void the user's authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

CAN ICES-5 (B)/NMB-5(B)

Ganging and Derating

Derating is necessary if mounting two or more devices side by side (see chart for new wattage rating).

Note: Derating not necessary for LED/ CFL loads.

*Maximum Allowable Inc./Hal. Wattage		
Single Gang	End of Gang	Middle of Gang
600 W	500 W	400 W

Important Notes

1. CAUTION: Use only with permanently installed fixtures with dimmable screw-in compact fluorescent, dimmable screw-in LED, halogen, or incandescent lamps. To avoid overheating and possible damage to other equipment, do not use to control receptacles, motor-driven appliances, or transformer-supplied appliances.
2. Install in accordance with all national and local electrical codes.
3. When no "grounding means" exists in wallbox, the National Electrical Code (NEC) allows a control to be installed as a replacement when a plastic faceplate with plastic fasteners is used, or the circuit is protected by a ground fault circuit interrupter (GFCI). Lutron wallplates meet this requirement. Cap or remove green wire before screwing control into wallbox.
4. Protect the dimmer from dust and dirt when painting or spackling the wall.
5. It is normal for the dimmer to feel warm to the touch during operation.
6. Clean the dimmer with a soft damp cloth only. Do not use any chemical cleaners. For more information, please see lutron.com/cleaning
7. For indoor use only.

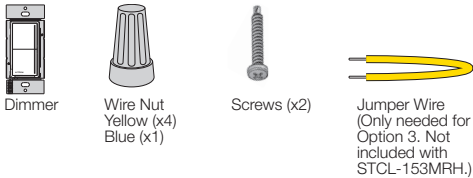
English

INSTALL WITH CONFIDENCE



lutron.com/SunnataWiring

Included Parts



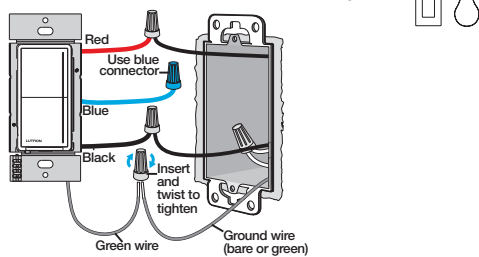
Disconnect Power



Option 1: Single Pole

For lights switched from **one** location:

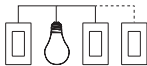
NOTE: Red and black wires on dimmer are interchangeable.



Option 2: 3-Way/4-Way with Sunnata Accessory Switch(es)

For lights switched from **two or more** locations:

See [Sunnata Accessory Switch Installation Guide \(model ST-AS\)](#) for details.

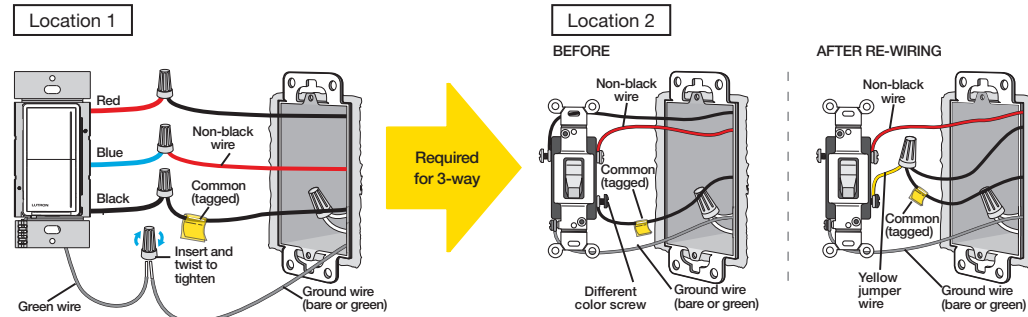
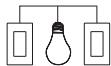


Option 3: 3-Way with an Existing Switch

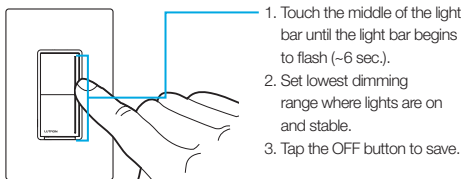
For lights switched from **two** locations:

IMPORTANT: Before disconnecting the existing devices, tag the wire connected to the different colored screw (typically black, but wire colors vary, and labeled COM). This is the Common wire.

QUESTIONS? See lutron.com/SunnataWiring



Adjust Low-End Trim



MyLevel Personalization (optional)

Visit lutron.com/SunnataMyLevel to learn how to adjust:

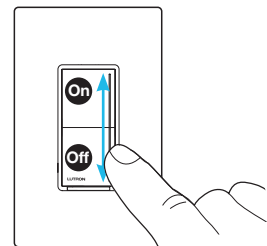
- High-end dimming range
- Preset light level
- Light bar brightness
- Locator light/Light level indicator

Operation

IF LIGHTS ARE OFF, single tap top button for preset (default 100%). Double tap for full brightness.

To change the preset, visit lutron.com/SunnataMyLevel.

IF LIGHTS ARE ON, single tap top button for full brightness. Press and hold the bottom button (1 second) for a 30 second delayed fade-to-off. Single tap bottom button for off.



Troubleshooting

Symptom	Possible Cause
Light have poor dimming performance	Adjust low-end trim Find best performing bulbs at lutron.com/LEDfinder

For more information, please visit lutron.com/SunnataSupport



Limited Warranty:
lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf ©2019-2021 Lutron Electronics Co., Inc.
Lutron, LED+, and Sunnata are trademarks or registered trademarks of Lutron Electronics Co., Inc., in the U.S. and other countries.
The YouTube icon is a trademark of Google LLC.

Receive an Extended Warranty: lutron.com/SunnataSurvey

Support: 1.844.LUTRON1 (USA/Canada) +1.888.235.2910 (Mexico)

lutron.com/sunnatasupport



