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Skylark_® C•L_® Dimmer

Dimmer for CFL, LED, Halogen, and Incandescent dimmable bulbs.

Features

- On/off rocker switch with a linear-slide dimmer for a standard designer wallplate opening
- HED™ Technology: Advanced Lutron® dimming circuitry designed for compatibility with most high efficacy light bulbs
- UL_® Listed to control:
 - Dimmable Compact Fluorescent Lamps (CFL) with integrated ballast
 - Dimmable LED with integrated driver
 - Halogen
 - Incandescent
- Low-end adjustment to accommodate a wide range of bulbs
- Switch returns load to previous level
- 100% factory tested

Application Requirements

- When dimming CFLs or LEDs, only bulbs marked or rated as DIMMABLE may be used.
- For a complete list of compatible DIMMABLE CFLs and LEDs please visit www.lutron.com/dimcflled. For questions call 1.800.523.9466.
- Some DIMMABLE CFLs and LEDs require a minimum number of bulbs for proper operation. For details and a list of bulbs, please visit www.lutron.com/dimcflled.

Model Number

SCL-153P-XX¹ Single pole/3-way²

- 1 "XX" in the model number represents color/finish code; see "Colors and Finishes" on next page.
- ² For 3-way and 4-way switching, use Claro_® switches or other mechanical switches.



Wallplate sold separately

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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 CFL/LED

• 600 W Incandescent/Halogen

• Mixed bulb type per Multigang and Mixed Bulb Type Ratings table (see page 3)

Environment

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

Performance

- Power-failure memory
- Linear slider
- Electrostatic discharge tested
- Precise color matching
- Mechanical air-gap switch to disconnect load power

Product Specific Features

• Capable of controlling up to 150 W Dimmable CFL/LED or 600 W Incandescent/Halogen or Mixed bulb type per Multigang and Mixed Bulb Type Ratings table (see page 3)

Warranty

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

Dimensions 0.30 in (7.6 mm) 4 69 in 2.75 in (119 mm) (70 mm) 2.94 in 1.31 in (75 mm) (33 mm)

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

Colors and Finishes:

Gloss Finishes

Add color/finish code to model #

Example: SCL-153P-WH

WH White IV Ivory AL Almond LA Light Almond

GR Gray BR Brown BL Black

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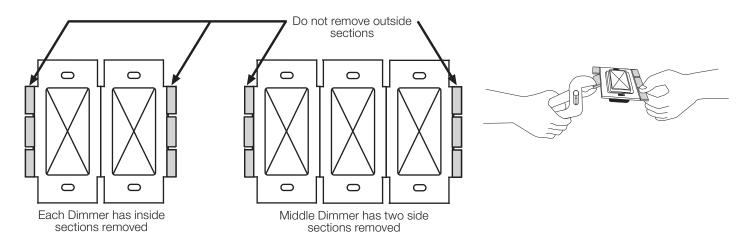
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Multigang and Mixed-Bulb-Type Ratings

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 CFL/LED, 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 two 24 W CFL bulbs installed (Total CFL Wattage = 48 W), you may add up to 300 W of incandescent or halogen lighting.



Total CFL/LED 👙 🛞 Wattage Installed CFL LED		Maximum Allowable Incandescent/Halogen Wattage		
(Wattage per bulb x # of bulbs)		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

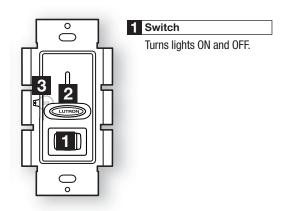
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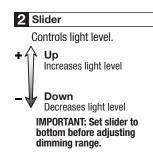
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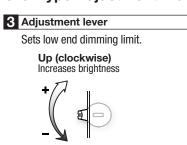
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Operation (View with wallplate removed)





Lever-type Adjustment Dial



Down (counter-clockwise) Decreases brightness

OR

Wheel-type Adjustment Dial

3 Adjustment dial
Sets low end dimming limit.

Up (clockwise) Decreases brightness



Down (counter-clockwise) Increases brightness

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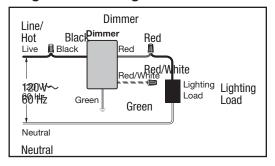
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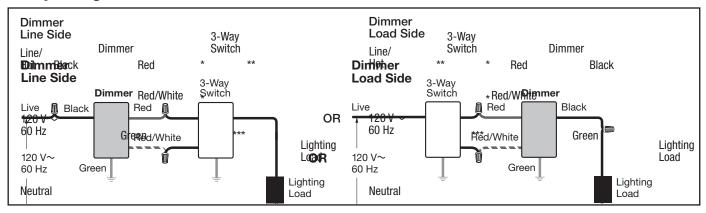
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Wiring Diagrams

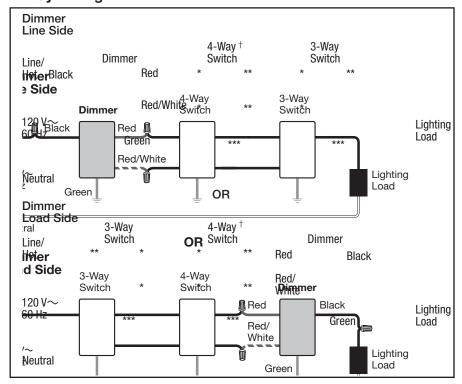
Single-Pole Wiring



3-Way Wiring



4-Way Wiring



- or Copper/Black screw terminal
- ** or Brass/Gold screw terminal
- *** or Green screw terminal
- Please refer to switch 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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Job Name: Model Numbers:

Job Number:

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