

## Skylark Contour Reverse-Phase (Electronic Low-Voltage) Dimmer

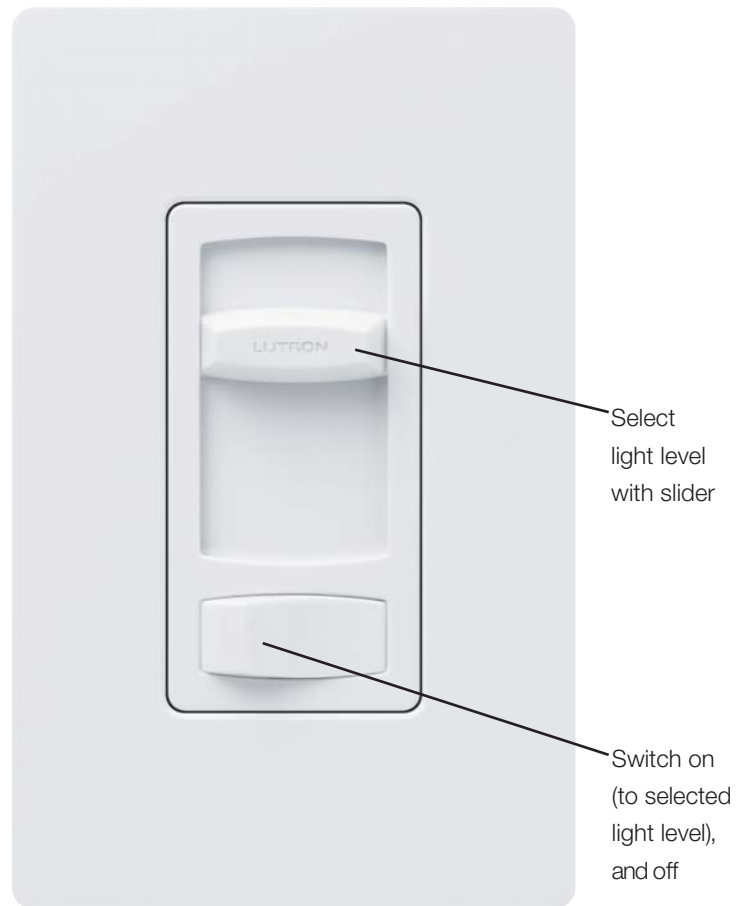
Dimmer for ELV, LED, CFL, Halogen, and Incandescent dimmable bulbs.

### Features

- On/off rocker switch with a linear-slide dimmer for a standard designer wallplate opening
- UL® Listed to control:
  - Dimmable LED with integrated driver
  - Dimmable compact fluorescent (CFL) with integrated ballast
  - Incandescent/Halogen
  - Electronic Low-Voltage (ELV) transformers with halogen or LED (see Lutron App Note #559)
- Reverse-phase type control. Neutral wire connection is required in the wallbox.
- 100% factory tested.

### Application Requirements

- ***For the best performance, use a bulb that is on the Lutron LED Report Card Tool***
- When dimming LEDs or CFLs, only bulbs marked or rated as DIMMABLE WITH REVERSE-PHASE OR UNIVERSAL DIMMERS may be used.
- Not compatible with magnetic low-voltage (MLV) transformers or magnetic LED transformers/drivers
- Dimmer is not compatible with bulbs rated only for forward-phase type dimmers.



\* Wallplate sold separately

### Model Number

**CTRP-253P-XX<sup>1</sup> Single pole/3-way<sup>2</sup>**

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

<sup>2</sup> For 3-way and 4-way switching, use Claro switches or other mechanical switches.

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
- 250 W dimmable LED/CFL
- *or*
- 500 W Incandescent/Halogen
- *or*
- 500 W ELV with Halogen
- *or*
- Mixed bulb type per **Multigang and Mixed Bulb Type Ratings** table (see page 3)

Minimum Load

- 1 compatible LED/CFL bulb
  - *or*
  - 5 W Incandescent/Halogen
  - *or*
  - 1 ELV transformer (See note on page 3)
- Environment**
- For indoor use only.
  - Operating temperatures 32 °F to 104 °F (0 °C to 40 °

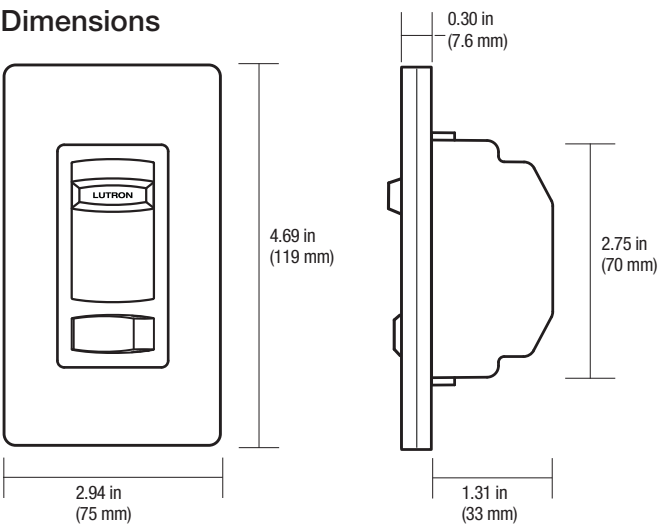
C). Performance

- 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

Dimensions



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

Colors and Finishes

Gloss Finishes

Add color/finish code to model #

**Example: CTRP-253P-WH**

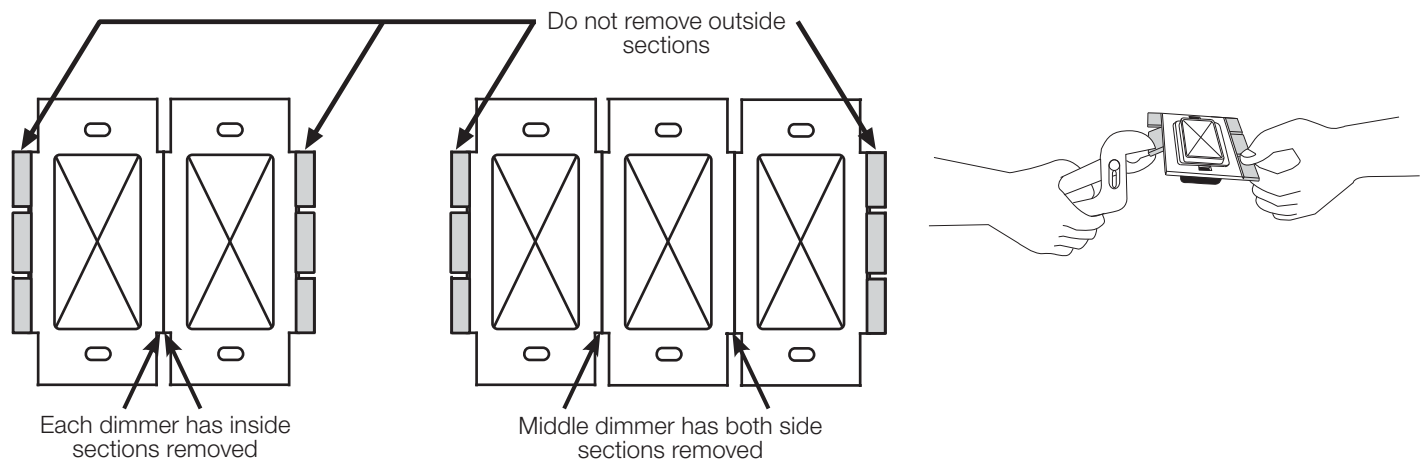
WH	White
IV	Ivory
AL	Almond
LA	Light Almond
GR	Gray
BR	Brown
BL	Black

## 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 two 20 W LED bulbs installed (Total LED Wattage = 40 W), you may add up to 300 W of incandescent or halogen lighting.



Total LED/CFL Wattage Installed (Wattage per bulb x # of bulbs)		Maximum Allowable Incandescent/Halogen Wattage		
		No sides removed	1 side removed	2 sides removed
0 W	+	500	400	300
1 W - 40 W	+	400	300	200
41 W - 80 W	+	300	200	100
81 W - 120 W	+	200	100	50
121 W - 160 W	+	100	50	25
161 W - 200 W	+	50	0	0
201 W - 250 W	+	0	0	0

**Note:** For recommended ELV transformers and compatible MR16 LED bulbs, please see Lutron Application Note #559

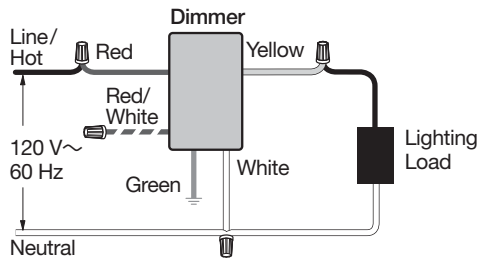
Job Name:

Model Numbers:

Job Number:

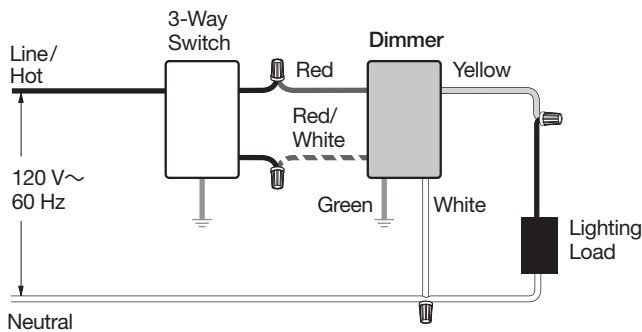
## Wiring Diagrams

### Single-Pole Wiring



### 3-Way Wiring

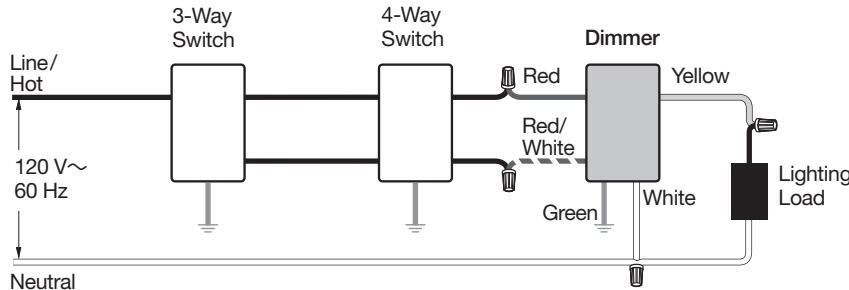
#### Dimmer Load-Side



**Note:** Dimmer must be installed on load-side per diagram.

### 4-Way Wiring

#### Dimmer Load-Side



**Note:** Dimmer must be installed on load-side per diagram.

**Note:** DO NOT swap the red and yellow wires or the LED dimming performance may be adversely affected.

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## LUTRON SPECIFICATION SUBMITTAL

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Job Name:

Model Numbers:

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