

## Diva Reverse-Phase (Electronic Low-Voltage) Dimmer

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

### Features

- On/off paddle switch with a linear-slide dimmer for a standard designer wallplate opening.
- Built-in soft-glow locator light behind paddle switch.†
- 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 at [www.lutron.com/ledtool](http://www.lutron.com/ledtool)**  
**For questions call 1.877.DIM.LED8.**
- 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.
- Coordinating Claro and Stainless Steel wallplates available separately.

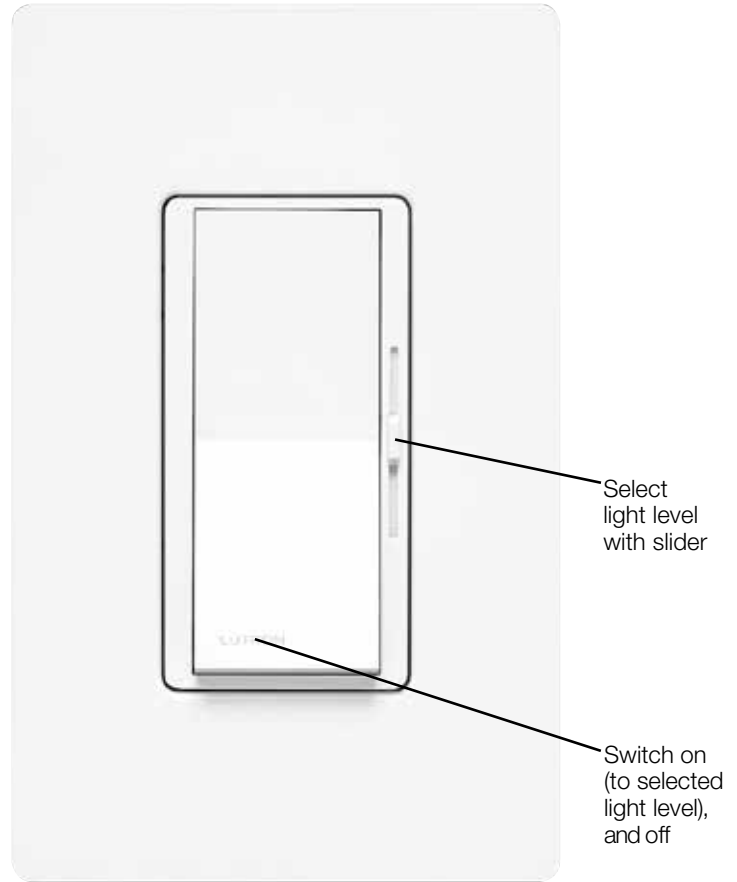
### Model Number

DVRP-253P-XX<sup>1</sup> Single-pole/3-way<sup>2</sup>  
DVSCR-253P-XX<sup>1</sup> Satin finish, Single-pole/3-way<sup>2</sup>

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

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

† Locator light may not be noticeable in darker colors.



<p><b>Job Name:</b></p> <p><b>Job Number:</b></p>	<p><b>Model Numbers:</b></p>
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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
- 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).

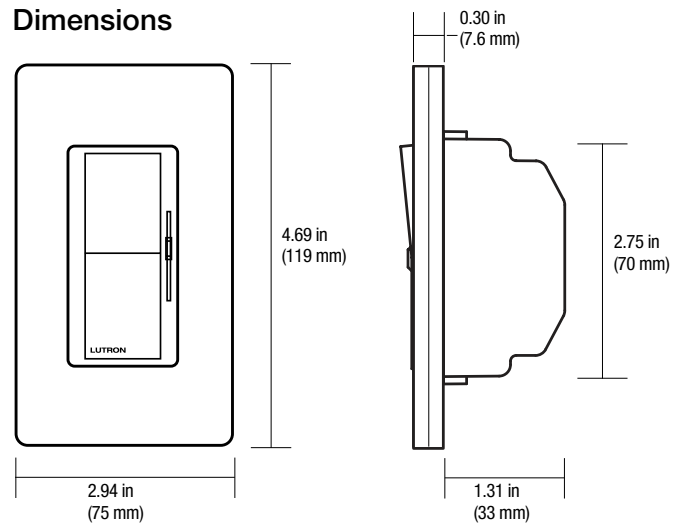
### Performance

- 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, please visit [http://www.lutron.com/TechnicalDocumentLibrary/369-119\\_Wallbox\\_Warranty.pdf](http://www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf)

## Dimensions



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

Job Name:	Model Numbers:
Job Number:	

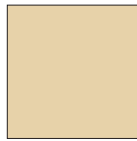
## Colors and Finishes

### Gloss Finishes

### Satin Finishes



White  
WH



Ivory  
IV



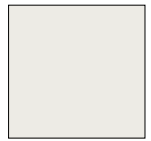
Brilliant White  
BW



Glacier White  
GL



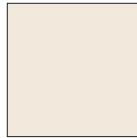
Snow  
SW



Architectural  
White  
RW



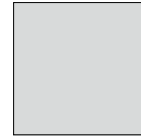
Almond  
AL



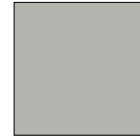
Light Almond  
LA



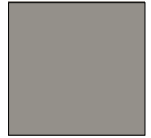
Lunar Gray  
LG



Mist  
MI



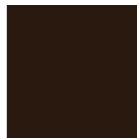
Pebble  
PB



Cobblestone  
CS



Gray  
GR



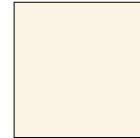
Brown  
BR



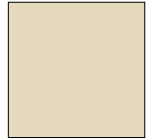
Slate  
SL



Midnight  
MN



Biscuit  
BI



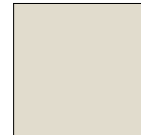
Sand  
SD



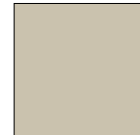
Black  
BL



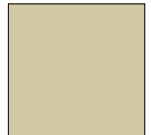
Taupe  
TP



Pumice  
PM



Clay  
CY



Sage  
SA



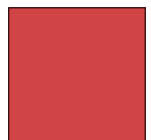
Espresso  
EP



Truffle  
TF



Deep Sea  
DE



Signal Red  
SR

- Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.
- Color chip keychains are available for more precise color matching:  
Gloss Finishes: DG-CK-1  
Satin Finishes: SF-CK-1
- For coordinating wallplates and accessories, visit [lutron.com/claro](http://lutron.com/claro)

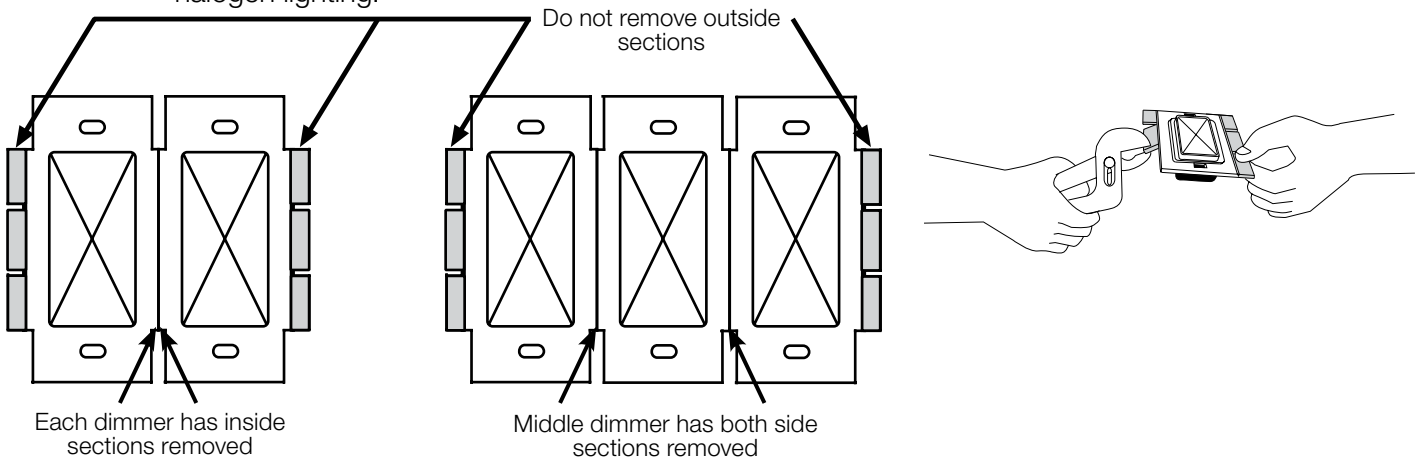
<b>Job Name:</b>	<b>Model Numbers:</b>
<b>Job Number:</b>	

## 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)	CFL LED	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 at [www.lutron.com/TechnicalDocumentLibrary/048559.pdf](http://www.lutron.com/TechnicalDocumentLibrary/048559.pdf). Always follow the transformer and bulb manufacturer instructions for allowable loading.

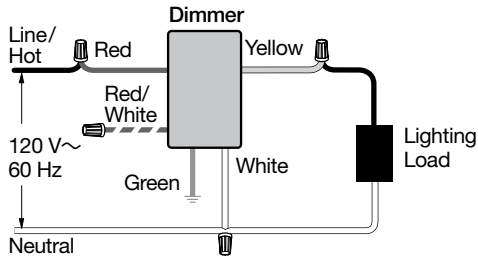
## Load Type and Capacity

Model Number	Voltage	Load Type	Minimum Load	Maximum Load		
				Not Ganged	End of Gang	Middle of gang
DVRP-253P-XX	120 V~	LED	1 bulb	250 W (No Derating Required)		
		CFL	1 bulb	No Derating Required		
		ELV Transformer with LED	See Application Note #559 (P/N 048559) at <a href="http://www.lutron.com">www.lutron.com</a> No Derating Required			
		ELV Transformer with Halogen	1 transformer	500 W	400 W	300 W
		Incandescent/Halogen	5 W	500 W	400 W	300 W

<b>Job Name:</b>	<b>Model Numbers:</b>
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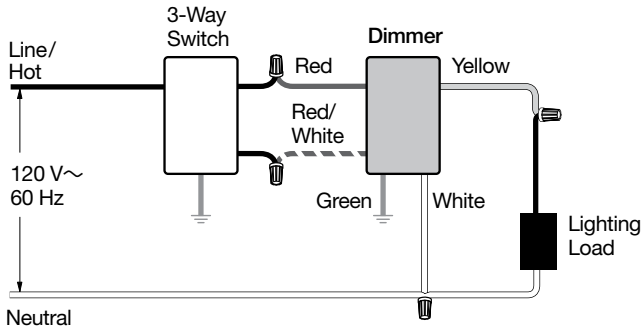
# Wiring Diagrams

## Single-Pole Wiring



## 3-Way Wiring

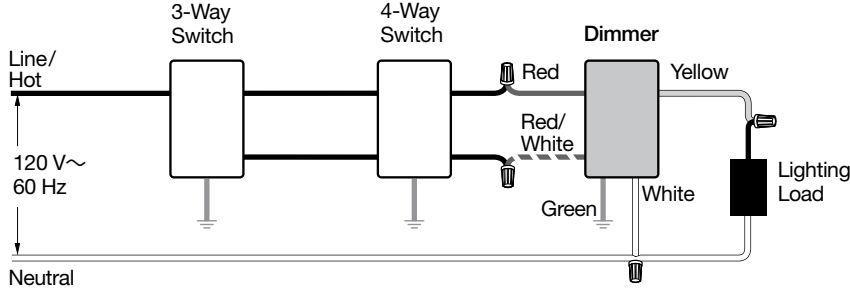
### Dimmer Load-Side



**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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Job Name:	Model Numbers:
Job Number:	