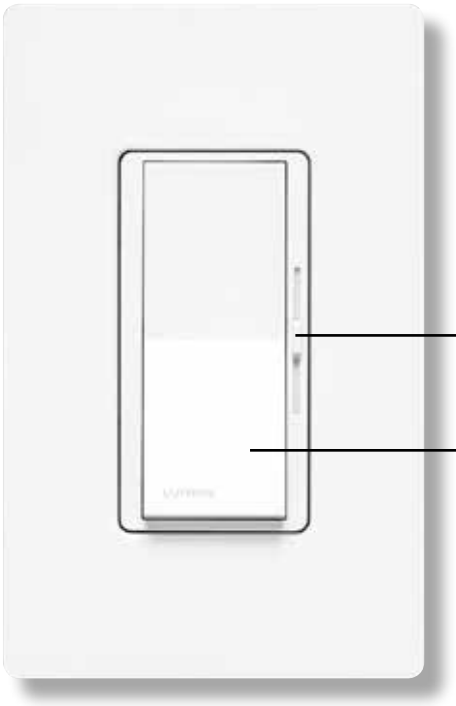
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Diva 0–10 V Controls

Controls for 0–10 V LED drivers and fluorescent ballasts.

Features

- Large paddle switch with a captive linear-slide control for a standard designer-opening wallplate.
- 0–10 V control link controls third party fixtures.
- DVSTV- wires as single pole or 3-way, 120–277 V~ switch.
- DVTV- wires as a 24 V⎓ switch. A power pack is required to switch 120–277 V~ and 347 V~.
- Patented switching technology extends product lifetime.
- Coordinating Claro wallplates [1] (available separately).
- High-end and low-end trim user is adjustable for optimal performance.



Diva 0–10 V Control

Model Numbers

Model Number	Operating Voltage	Wiring	Load Switching Capacity	0–10 V Sink Capacity
DVSTV-XX [2]	120–277 V~	Single-pole/3-way [5]	8 A	50 mA
DVSCSTV-YY [4]				
DVSTV-453PH-WH [1]	120–277 V~	Single-pole/3-way [5]	450 W 3.75 A (120 V~) 1.62 A (277 V~)	50 mA
DVSTV-453PH-WH-C [1, 3]				
DVTV-XX [2]	24 V⎓	Single-pole/3-way [7]	0 A [6]	30 mA
DVSCTV-YY [4]				

1 DVSTV-453PH-WH and DVSTV-453PH-WH-C available in white gloss only.
2 "XX" in the model number represents gloss finish color code. See **Colors and Finishes** section.
3 Clamshell packaged product for Canada.
4 "YY" in the model number represents satin finish color code. See **Colors and Finishes** section.
5 For 3-way switching, use Claro switches or other mechanical switches.
6 A Lutron power pack (PP-DV or PP-347H) is required for switching ballasts and drivers. For Lutron power pack specification, please see Lutron P/N 369544 at www.lutron.com
7 24 V⎓ single-pole double-throw (SPDT) switch, supplied by others, must be rated for dry contacts.

Job Name:	Model Numbers:	
Job Number:		

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Specifications

DVSTV- Models

Regulatory Approvals

- cULus Listed
- NOM

Power

Operating Voltage

120–277 V~ 50/60 Hz

Output Ratings

- Switch rating of 8 A.
- 0–10 V control link for 50 mA maximum output (sink only).

0–10 V Control Link

- 0–10 V control link is Class 1.
- Controls up to 25 ballasts or drivers (IEC 60929 Annex E.2 requires the ballast/driver to limit the current draw to 2.0 mA maximum).

Performance

- Power pack cannot be used with DVSTV- models.
- Works with all ballasts and drivers that provide a current source compliant to IEC 60629 Annex E.2, and whose inrush current does not exceed NEMA410 standards for electronic ballast/driver loads of 8 A steady state current.
- Adjustable high-end and low-end trim for optimal dimming performance.
- Power failure memory: should power be interrupted, the control will return to its previously set level prior to the interruption when power is restored.
- Captive linear slider.
- Precise color matching.

Environment

- For indoor use only.
- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing.

Application Requirements

- No derating required if ganged.
- Night light not available.
- Always consult local wiring codes.

Warranty

- www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

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Specifications *(continued)*

DVSTV-453PH-WH Model

Regulatory Approvals

- cULus Listed
- NOM

Power

Operating Voltage

120–277 V~ 50/60 Hz

Output Ratings

- Switch rating of 450 W.
- 0–10 V control link for 50 mA maximum output (sink only).

0–10 V Control Link

- 0–10 V control link is Class 1.
- Controls up to 25 ballasts or drivers (IEC 60929 Annex E.2 requires the ballast / driver to limit the current draw to 2.0 mA maximum).

Performance

- Power pack cannot be used with DVSTV- models.
- Works with all ballasts and drivers that provide a current source compliant to IEC 60629 Annex E.2, and whose inrush current does not exceed NEMA410 standards for electronic ballast / driver loads of 8 A steady state current.
- Adjustable high-end and low-end trim for optimal dimming performance.
- Power failure memory: should power be interrupted, the control will return to its previously set level prior to the interruption when power is restored.
- Captive linear slider.
- Precise color matching.

Environment

- For indoor use only.
- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing.

Application Requirements

- No derating required if ganged.
- Night light not available.
- Always consult local wiring codes.

Warranty

- www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

Job Name:	Model Numbers:	
Job Number:		

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Specifications *(continued)*

DVTV- and DVSCTV- Models

Power

Operating Voltage

24 V⎓ 100 mA

Output Ratings

- Power pack required for load switching. Power pack is rated for 16 A.
- 30 mA maximum output (sink only).

0–10 V Control Link

- 0–10 V control is Class 2.
- Controls up to 15 ballasts or drivers (IEC 60929 Annex E.2 requires the ballast / driver to limit the current draw to 2.0 mA maximum).

Performance

- For 120–277 V~ installations switching more than 8 A, use DVTV- with Lutron power pack (PP-DV). See Lutron P/N 369544 at www.lutron.com
- For 347 V~ installations, use DVTV- with Lutron power pack (PP-347H) See Lutron P/N 369544 at www.lutron.com
- Works with all ballasts and drivers that provide a current source compliant to IEC 60629 Annex E.2.
- Adjustable high-end and low-end trim for optimal dimming performance.
- Power failure memory: should power be interrupted, the 0–10 V⎓ signal will return to its previously set level prior to the interruption when power is restored.
- Captive linear slider.
- Precise color matching.

Environment

- For indoor use only.
- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing.

Application Requirements

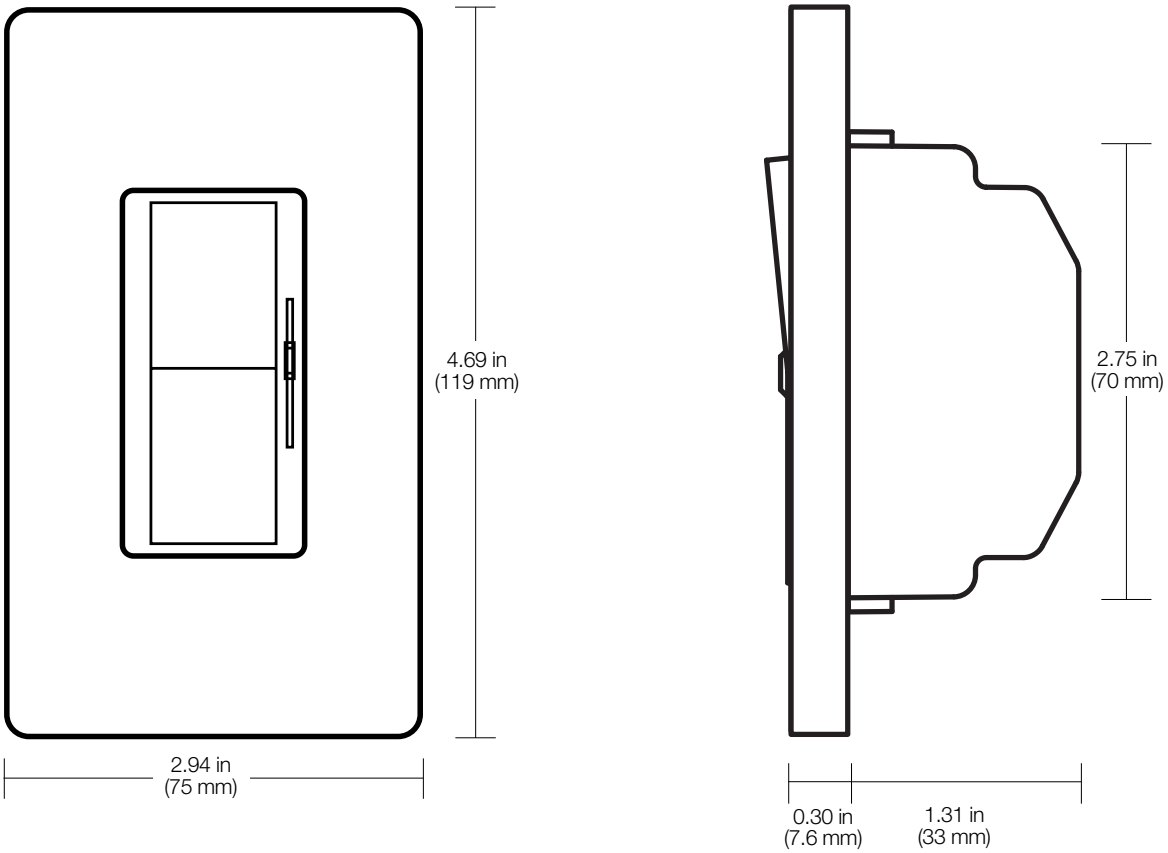
- No derating required if ganged.
- Night light not available.
- Always consult local wiring codes.

Warranty

- www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

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Dimensions

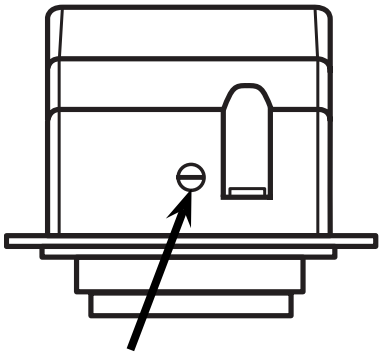


Job Name:	Model Numbers:	
Job Number:		

High-End and Low-End Adjustments

DVSTV- Models

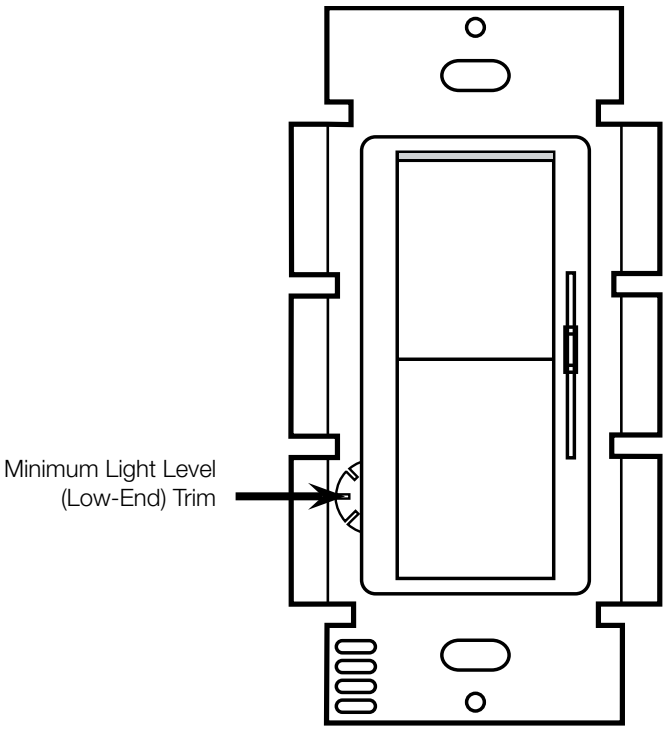
Bottom View



Maximum Light Level
(High-End) Trim

All Models

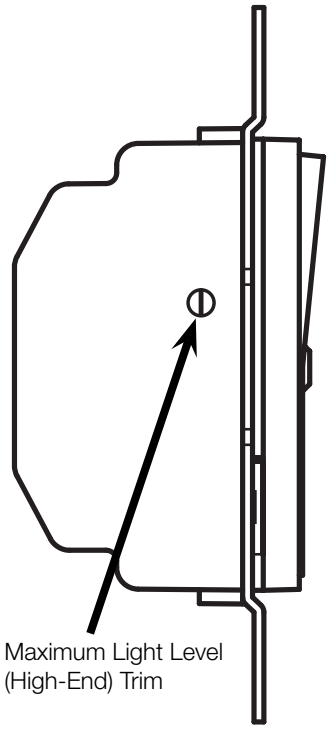
Front View



Minimum Light Level
(Low-End) Trim

DVTV- and DVSCTV- Models

Side View



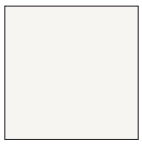
Maximum Light Level
(High-End) Trim

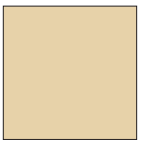
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Job Number:		

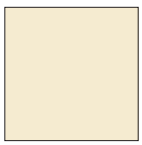
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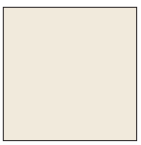
Colors and Finishes

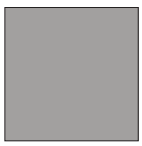
Gloss Finishes*

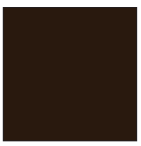

White
WH


Ivory
IV


Almond
AL

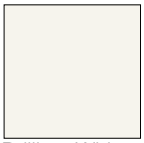

Light Almond
LA

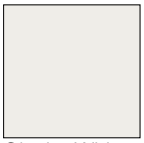

Gray
GR

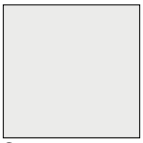

Brown
BR

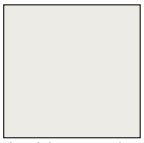

Black
BL

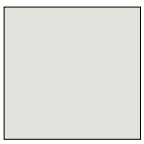
Satin Finishes

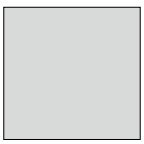

Brilliant White
BW

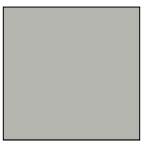

Glacier White
GL

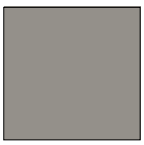

Snow
SW

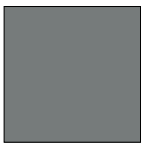

Architectural White
RW


Lunar Gray
LG

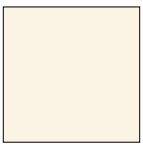

Mist
MI

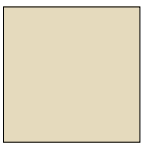

Pebble
PB

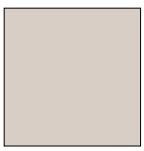

Cobblestone
CS

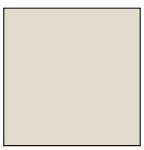

Slate
SL

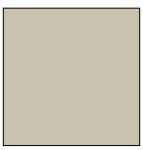

Midnight
MN

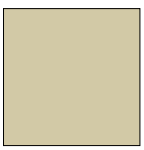

Biscuit
BI

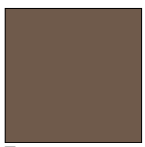

Sand
SD

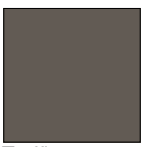

Taupe
TP


Pumice
PM

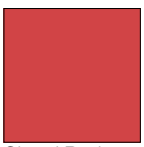

Clay
CY


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

*DVSTV-453PH-WH and DVSTV-453PH-WH-C available in white gloss only.

Continued on next page...

Job Name:	Model Numbers:	
Job Number:		

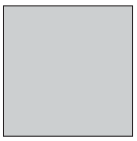
Colors and Finishes (*continued*)

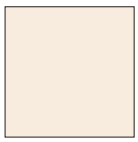
Satin Colors (while supplies last)


Hot
HT


Merlot
MR


Plum
PL


Palladium
PD


Eggshell
ES


Sienna
SI


Terracotta
TC


Greenbriar
GB


Bluestone
BG


Mocha Stone
MS


Goldstone
GS


Desert Stone
DS


Stone
ST


Limestone
LS

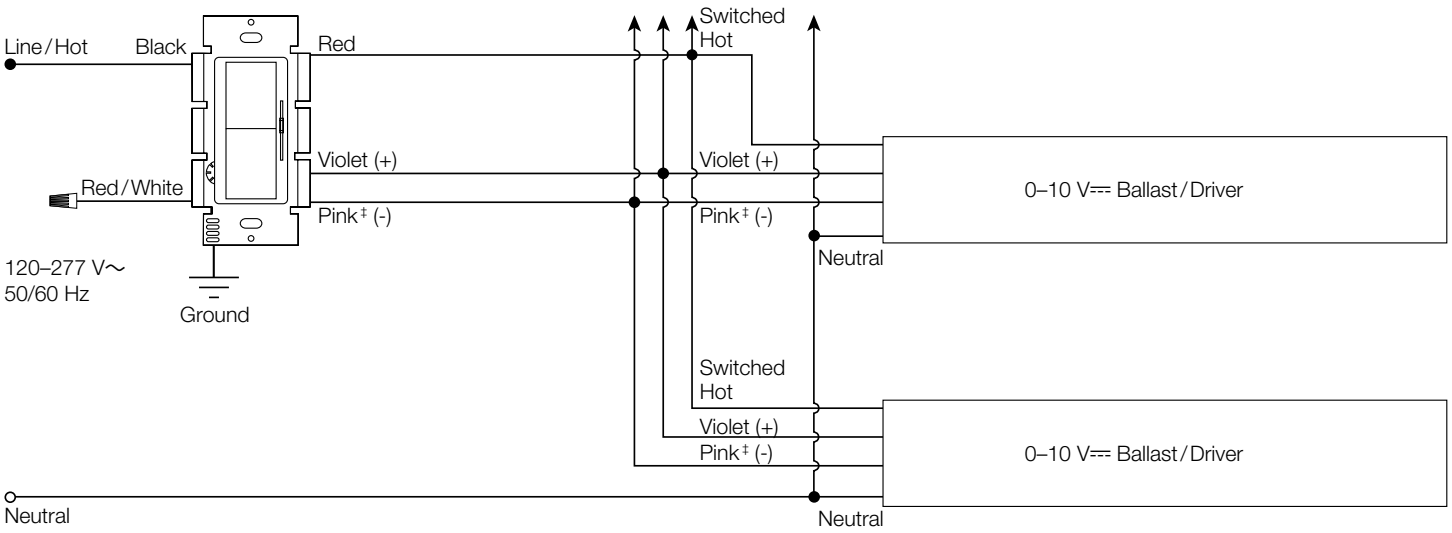
- Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.
- Color chip keychains are available for more precise color matching:
  Satin Colors: SC-CK-1 (while supplies last)

Job Name:	Model Numbers:	
Job Number:		

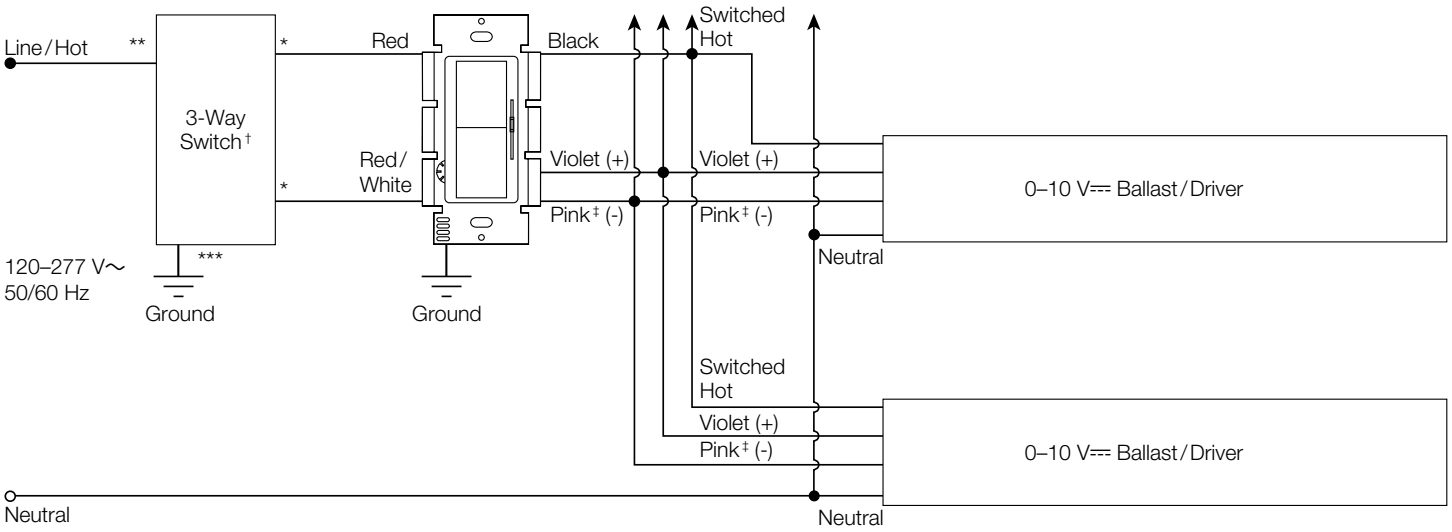
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Wiring Diagrams
DVSTV-/DVSCSTV-

Single-Pole Wiring



3-Way Wiring



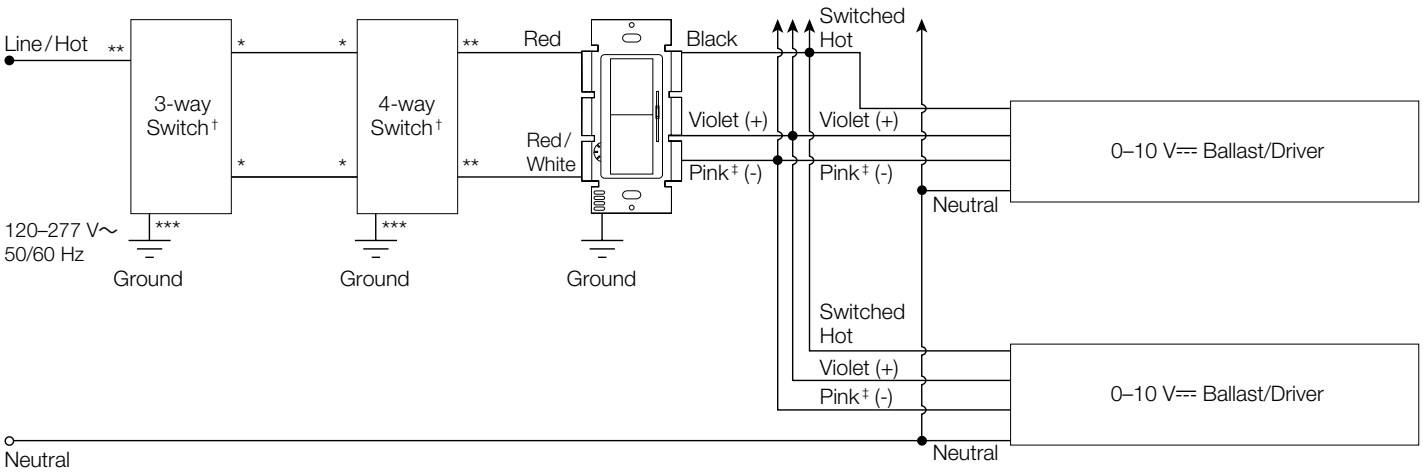
* Copper/Black screw terminal
** Brass/Gold screw terminal
*** Green screw terminal
† For proper wiring, please refer to installation instructions for 3-way switch.
‡ This wire/terminal may be gray on older products or in retrofit applications.

Job Name:	Model Numbers:	
Job Number:		

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Wiring Diagrams *(continued)*
DVSTV-/DVSCSTV- *(continued)*

4-Way Wiring



Note: For 4-way wiring, control must be installed line side or load side. It cannot be installed in the 4-way location.

* Copper/Black screw terminal
** Brass/Gold screw terminal
*** Green screw terminal
† For proper wiring, please refer to installation instructions for 3-way/4-way switch.
‡ This wire/terminal may be gray on older products or in retrofit applications.

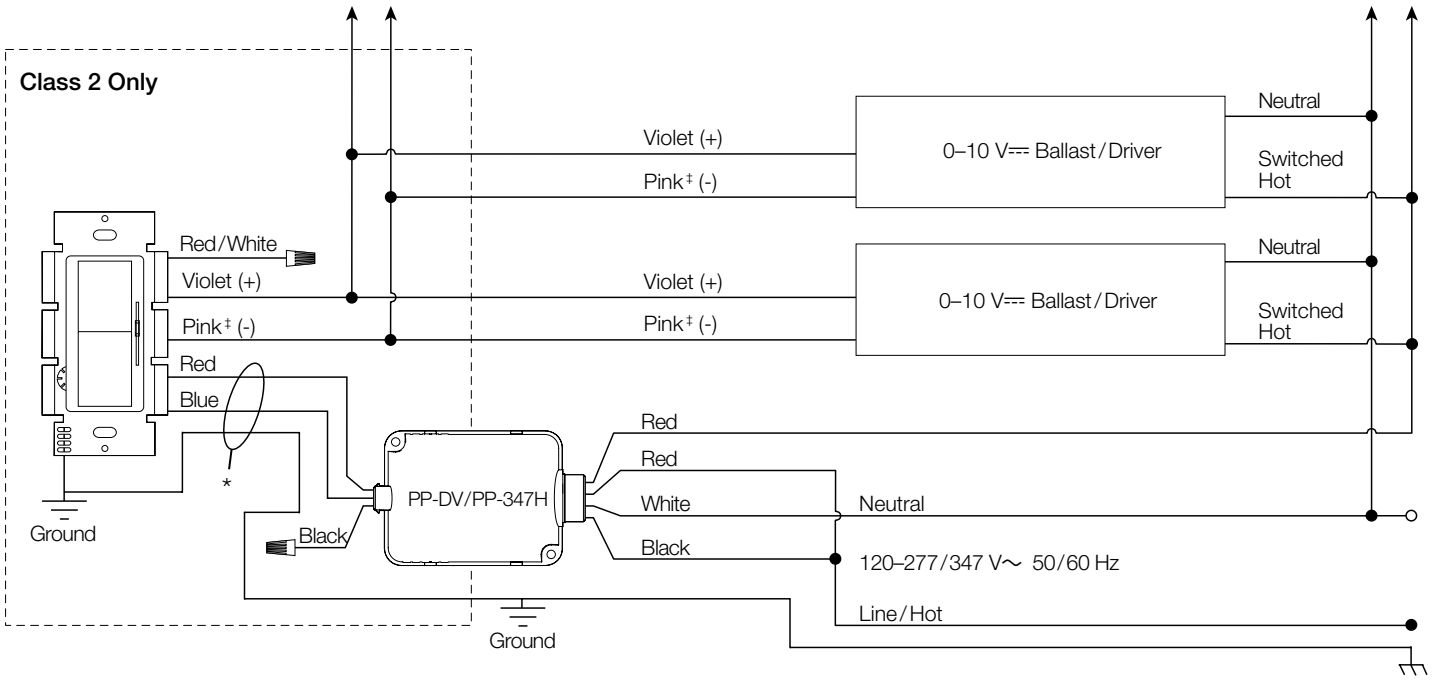
Job Name:	Model Numbers:	
Job Number:		

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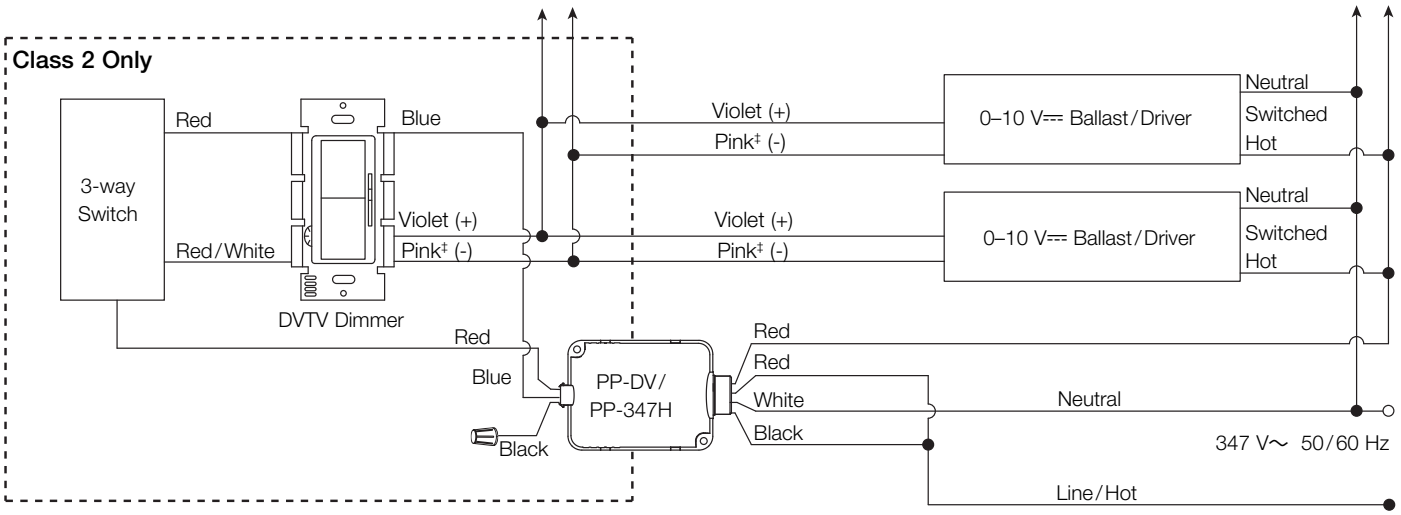
Wiring Diagrams *(continued)*
DVTV- and DVSCTV-

Dimming With ON/OFF Control
Wiring Diagram Using a Power Pack

Single-Pole Wiring



3-Way Wiring



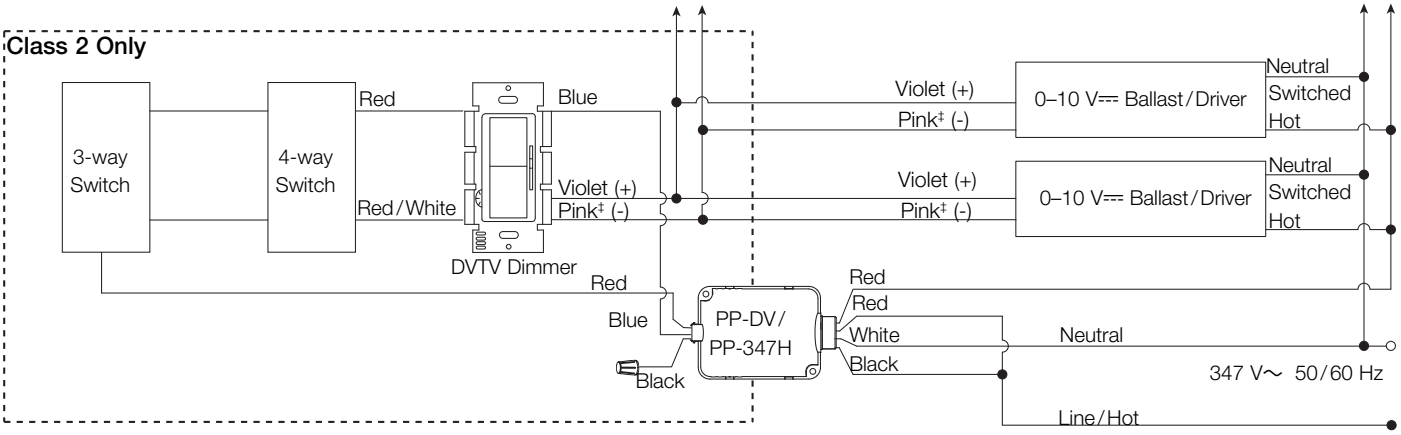
* Must use shielded cable with the drain grounded and grounded faceplate/yoke.
‡ This wire/terminal may be gray on older products or in retrofit applications.

Job Name:	Model Numbers:	
Job Number:		

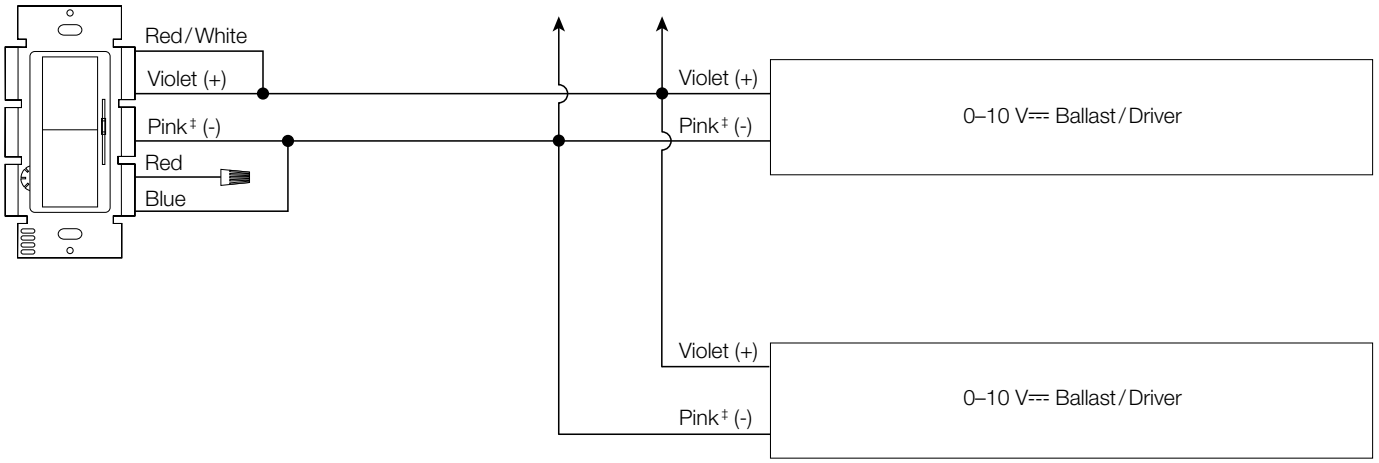
Wiring Diagrams *(continued)*
DVTV- and DVSCTV-

Dimming With ON/OFF Control
Wiring Diagram Using a Power Pack *(continued)*

4-Way Wiring



Dimming With ON/OFF Control For Drivers Which Support Dim To OFF Capability
Power Wiring Not Shown—See Lighting Device For Wiring



This wiring diagram is used when the fixture/ballast/driver is "dim to OFF" and complies with ANSI C137.1. With this wiring setup, the line voltage power is constantly supplied to the fixture/ballast/driver and the paddle switch on the Diva dimmer brings the 0–10 V signal to 0 V when in the off position.

‡ This wire/terminal may be gray on older products or in retrofit applications.

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All other product names, logos, and brands are property of their respective owners.

Job Name:	Model Numbers:	
Job Number:		

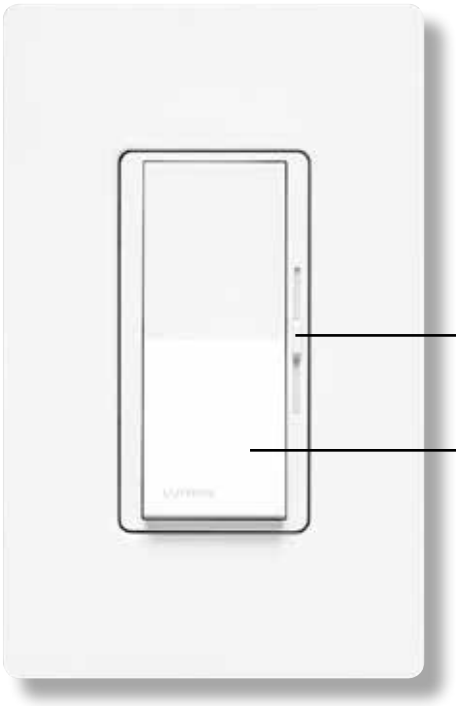
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Diva 0–10 V Controls

Controls for 0–10 V LED drivers and fluorescent ballasts.

Features

- Large paddle switch with a captive linear-slide control for a standard designer-opening wallplate.
- 0–10 V control link controls third party fixtures.
- DVSTV- wires as single pole or 3-way, 120–277 V~ switch.
- DVTV- wires as a 24 V⎓ switch. A power pack is required to switch 120–277 V~ and 347 V~.
- Patented switching technology extends product lifetime.
- Coordinating Claro wallplates [1] (available separately).
- High-end and low-end trim user is adjustable for optimal performance.



Diva 0–10 V Control

Model Numbers

Model Number	Operating Voltage	Wiring	Load Switching Capacity	0–10 V Sink Capacity
DVSTV-XX [2]	120–277 V~	Single-pole/3-way [5]	8 A	50 mA
DVSCSTV-YY [4]				
DVSTV-453PH-WH [1]	120–277 V~	Single-pole/3-way [5]	450 W 3.75 A (120 V~) 1.62 A (277 V~)	50 mA
DVSTV-453PH-WH-C [1, 3]				
DVTV-XX [2]	24 V⎓	Single-pole/3-way [7]	0 A [6]	30 mA
DVSCTV-YY [4]				

1 DVSTV-453PH-WH and DVSTV-453PH-WH-C available in white gloss only.
2 "XX" in the model number represents gloss finish color code. See **Colors and Finishes** section.
3 Clamshell packaged product for Canada.
4 "YY" in the model number represents satin finish color code. See **Colors and Finishes** section.
5 For 3-way switching, use Claro switches or other mechanical switches.
6 A Lutron power pack (PP-DV or PP-347H) is required for switching ballasts and drivers. For Lutron power pack specification, please see Lutron P/N 369544 at www.lutron.com
7 24 V⎓ single-pole double-throw (SPDT) switch, supplied by others, must be rated for dry contacts.

Job Name:	Model Numbers:	
Job Number:		

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Specifications

DVSTV- Models

Regulatory Approvals

- cULus Listed
- NOM

Power

Operating Voltage

120–277 V~ 50/60 Hz

Output Ratings

- Switch rating of 8 A.
- 0–10 V control link for 50 mA maximum output (sink only).

0–10 V Control Link

- 0–10 V control link is Class 1.
- Controls up to 25 ballasts or drivers (IEC 60929 Annex E.2 requires the ballast/driver to limit the current draw to 2.0 mA maximum).

Performance

- Power pack cannot be used with DVSTV- models.
- Works with all ballasts and drivers that provide a current source compliant to IEC 60629 Annex E.2, and whose inrush current does not exceed NEMA410 standards for electronic ballast/driver loads of 8 A steady state current.
- Adjustable high-end and low-end trim for optimal dimming performance.
- Power failure memory: should power be interrupted, the control will return to its previously set level prior to the interruption when power is restored.
- Captive linear slider.
- Precise color matching.

Environment

- For indoor use only.
- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing.

Application Requirements

- No derating required if ganged.
- Night light not available.
- Always consult local wiring codes.

Warranty

- www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

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Specifications *(continued)*

DVSTV-453PH-WH Model

Regulatory Approvals

- cULus Listed
- NOM

Power

Operating Voltage

120–277 V~ 50/60 Hz

Output Ratings

- Switch rating of 450 W.
- 0–10 V control link for 50 mA maximum output (sink only).

0–10 V Control Link

- 0–10 V control link is Class 1.
- Controls up to 25 ballasts or drivers (IEC 60929 Annex E.2 requires the ballast / driver to limit the current draw to 2.0 mA maximum).

Performance

- Power pack cannot be used with DVSTV- models.
- Works with all ballasts and drivers that provide a current source compliant to IEC 60629 Annex E.2, and whose inrush current does not exceed NEMA410 standards for electronic ballast / driver loads of 8 A steady state current.
- Adjustable high-end and low-end trim for optimal dimming performance.
- Power failure memory: should power be interrupted, the control will return to its previously set level prior to the interruption when power is restored.
- Captive linear slider.
- Precise color matching.

Environment

- For indoor use only.
- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing.

Application Requirements

- No derating required if ganged.
- Night light not available.
- Always consult local wiring codes.

Warranty

- www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

Job Name:	Model Numbers:	
Job Number:		

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Specifications *(continued)*

DVTV- and DVSCTV- Models

Power

Operating Voltage

24 V⎓ 100 mA

Output Ratings

- Power pack required for load switching. Power pack is rated for 16 A.
- 30 mA maximum output (sink only).

0–10 V Control Link

- 0–10 V control is Class 2.
- Controls up to 15 ballasts or drivers (IEC 60929 Annex E.2 requires the ballast / driver to limit the current draw to 2.0 mA maximum).

Performance

- For 120–277 V~ installations switching more than 8 A, use DVTV- with Lutron power pack (PP-DV). See Lutron P/N 369544 at www.lutron.com
- For 347 V~ installations, use DVTV- with Lutron power pack (PP-347H) See Lutron P/N 369544 at www.lutron.com
- Works with all ballasts and drivers that provide a current source compliant to IEC 60629 Annex E.2.
- Adjustable high-end and low-end trim for optimal dimming performance.
- Power failure memory: should power be interrupted, the 0–10 V⎓ signal will return to its previously set level prior to the interruption when power is restored.
- Captive linear slider.
- Precise color matching.

Environment

- For indoor use only.
- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing.

Application Requirements

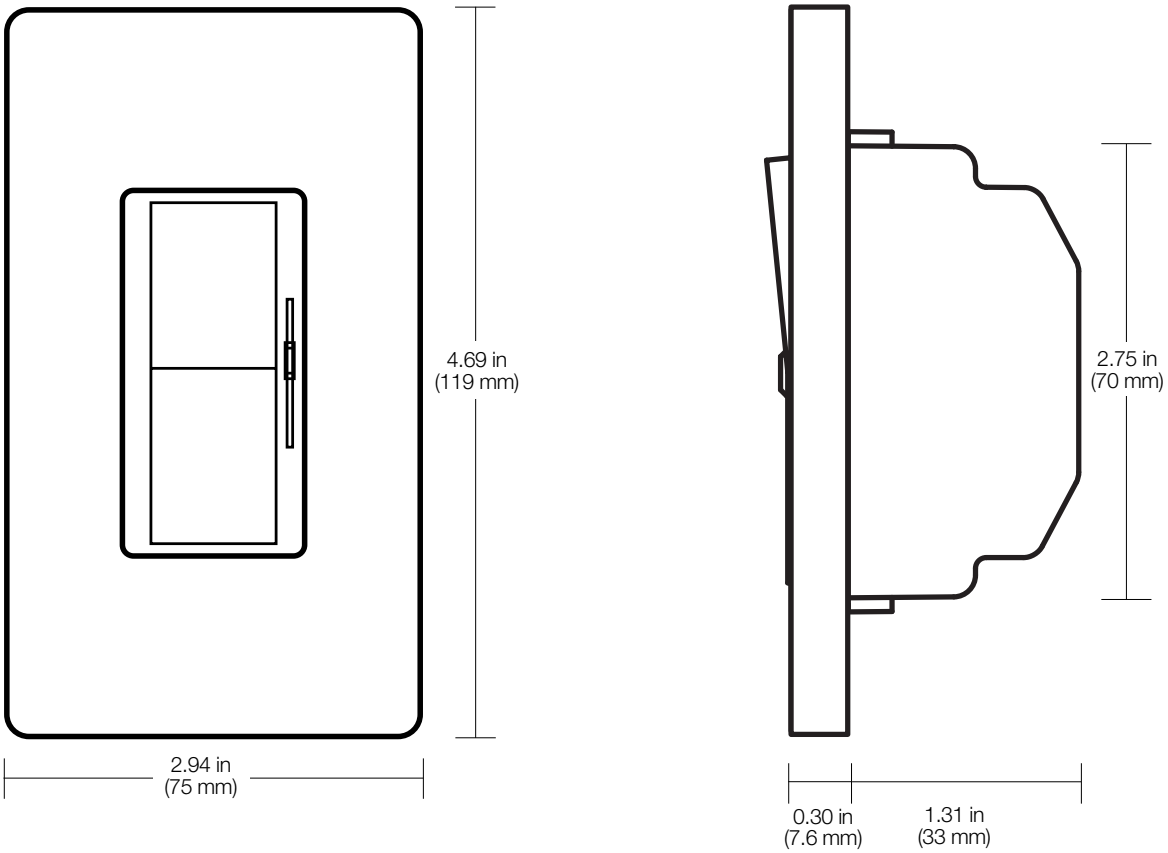
- No derating required if ganged.
- Night light not available.
- Always consult local wiring codes.

Warranty

- www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

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Dimensions

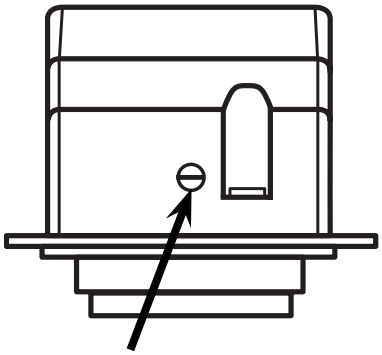


Job Name:	Model Numbers:	
Job Number:		

High-End and Low-End Adjustments

DVSTV- Models

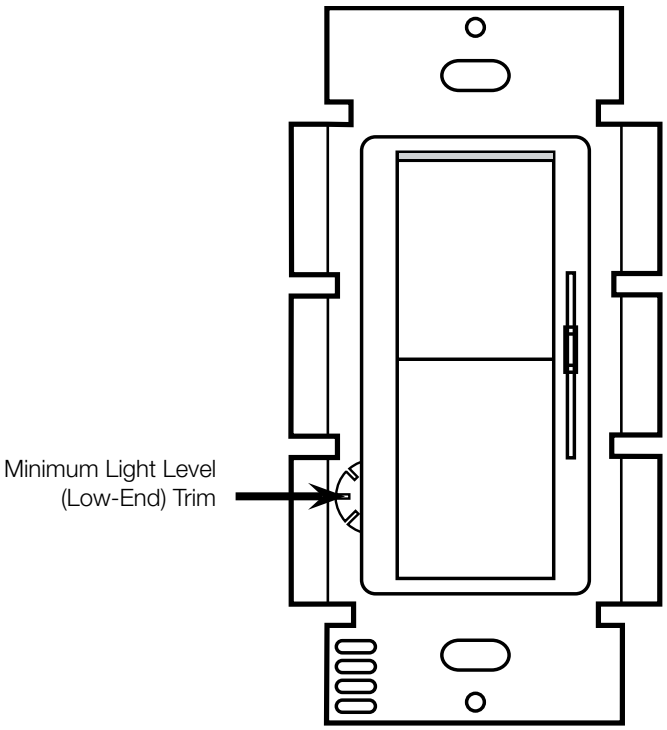
Bottom View



Maximum Light Level
(High-End) Trim

All Models

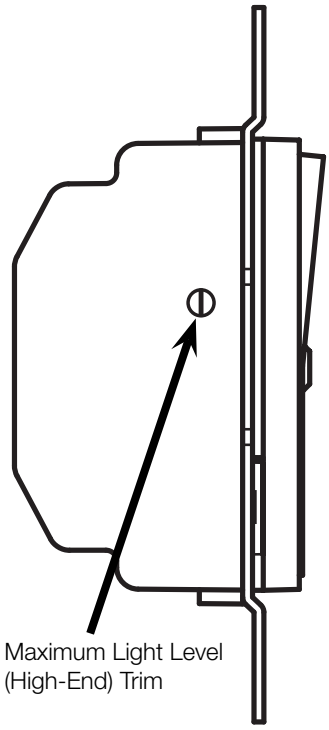
Front View



Minimum Light Level
(Low-End) Trim

DVTV- and DVSCTV- Models

Side View



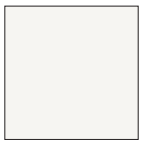
Maximum Light Level
(High-End) Trim

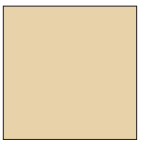
Job Name:	Model Numbers:	
Job Number:		

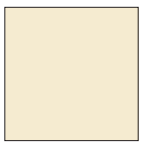
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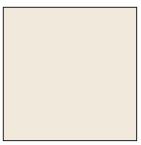
Colors and Finishes

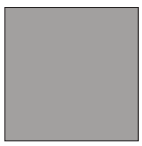
Gloss Finishes*

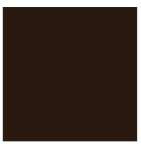

White
WH


Ivory
IV


Almond
AL

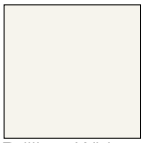

Light Almond
LA

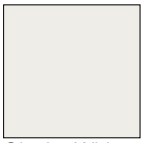

Gray
GR

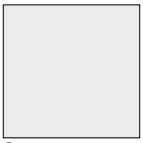

Brown
BR

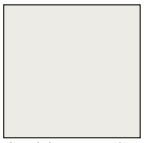

Black
BL

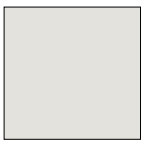
Satin Finishes

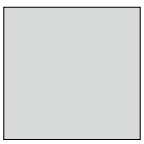

Brilliant White
BW

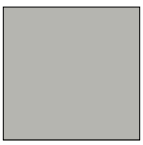

Glacier White
GL

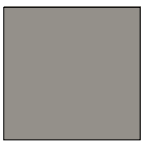

Snow
SW

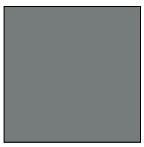

Architectural White
RW


Lunar Gray
LG

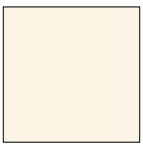

Mist
MI

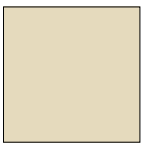

Pebble
PB

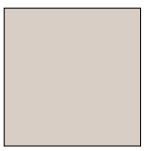

Cobblestone
CS

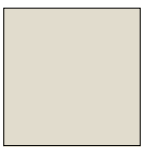

Slate
SL

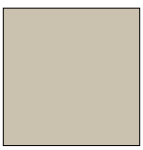

Midnight
MN

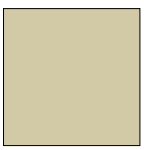

Biscuit
BI

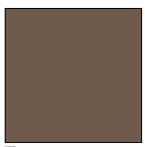

Sand
SD

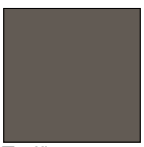

Taupe
TP


Pumice
PM

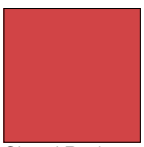

Clay
CY


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

*DVSTV-453PH-WH and DVSTV-453PH-WH-C available in white gloss only.

Continued on next page...

Job Name:	Model Numbers:	
Job Number:		

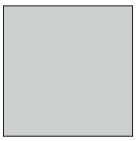
Colors and Finishes (*continued*)

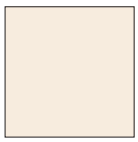
Satin Colors (while supplies last)


Hot
HT


Merlot
MR


Plum
PL


Palladium
PD


Eggshell
ES


Sienna
SI


Terracotta
TC


Greenbriar
GB


Bluestone
BG


Mocha Stone
MS


Goldstone
GS


Desert Stone
DS


Stone
ST


Limestone
LS

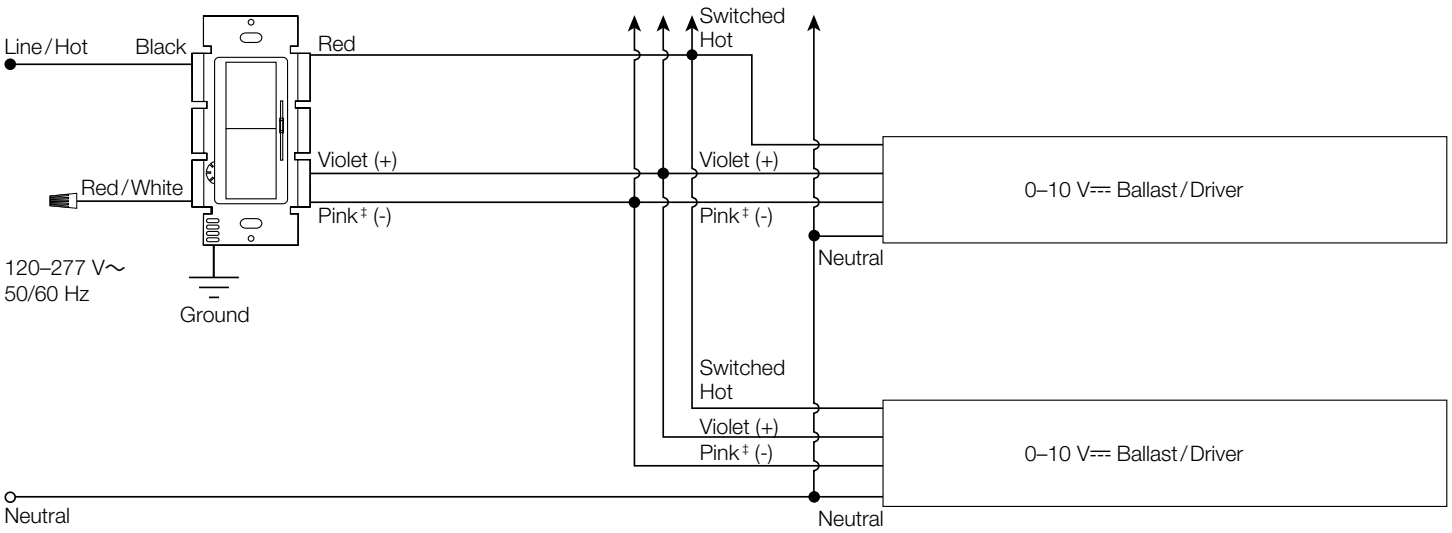
- Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.
- Color chip keychains are available for more precise color matching:
  Satin Colors: SC-CK-1 (while supplies last)

Job Name:	Model Numbers:	
Job Number:		

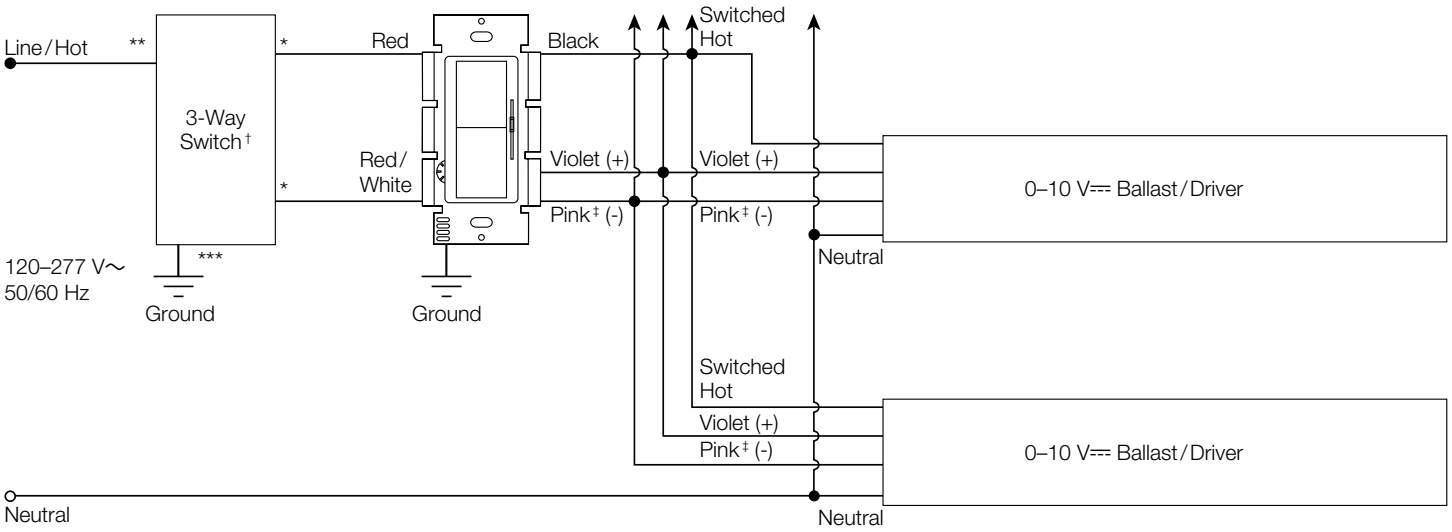
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Wiring Diagrams
DVSTV-/DVSCSTV-

Single-Pole Wiring



3-Way Wiring



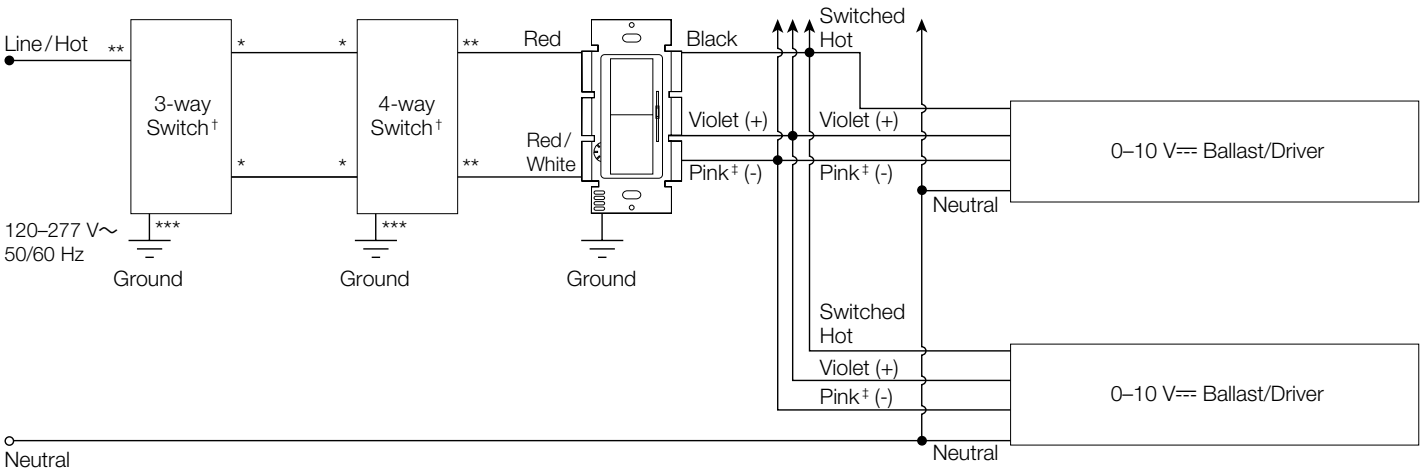
* Copper/Black screw terminal
** Brass/Gold screw terminal
*** Green screw terminal
† For proper wiring, please refer to installation instructions for 3-way switch.
‡ This wire/terminal may be gray on older products or in retrofit applications.

Job Name:	Model Numbers:	
Job Number:		

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Wiring Diagrams *(continued)*
DVSTV-/DVSCSTV- *(continued)*

4-Way Wiring



Note: For 4-way wiring, control must be installed line side or load side. It cannot be installed in the 4-way location.

* Copper/Black screw terminal
** Brass/Gold screw terminal
*** Green screw terminal
† For proper wiring, please refer to installation instructions for 3-way/4-way switch.
‡ This wire/terminal may be gray on older products or in retrofit applications.

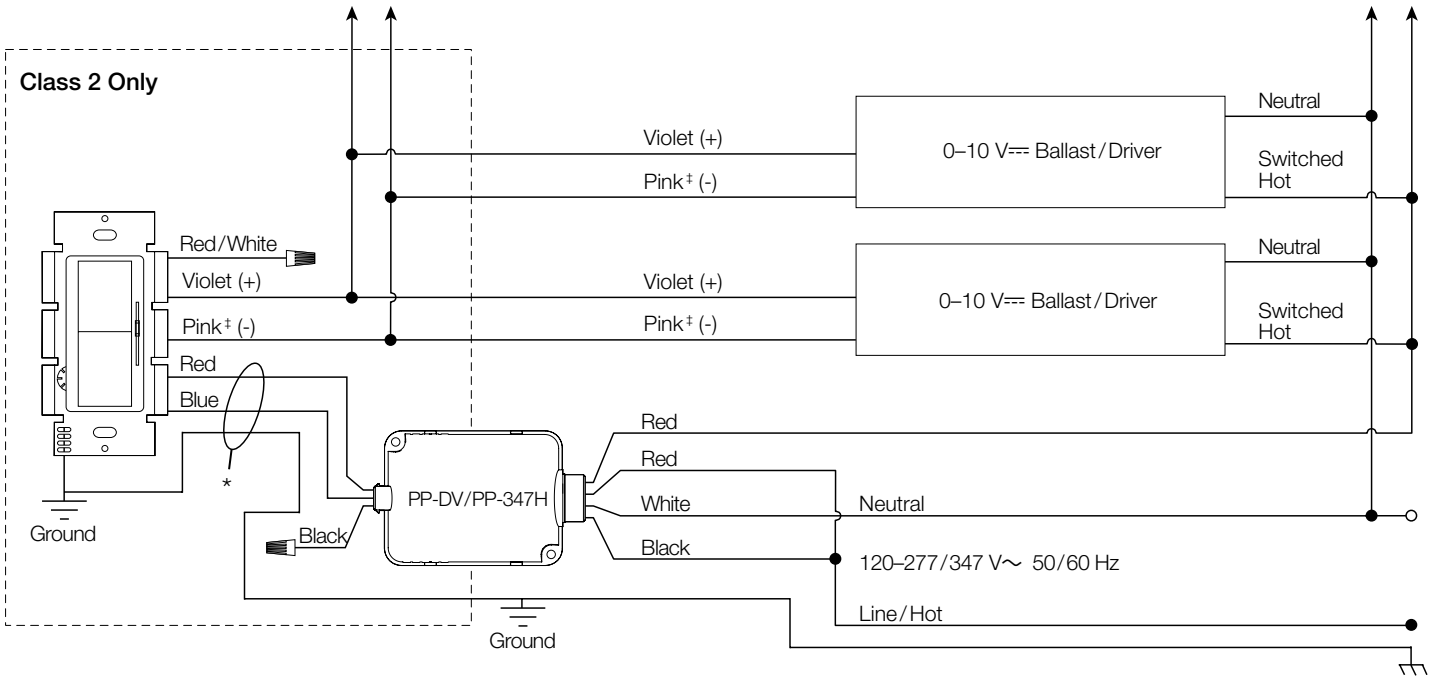
Job Name:	Model Numbers:	
Job Number:		

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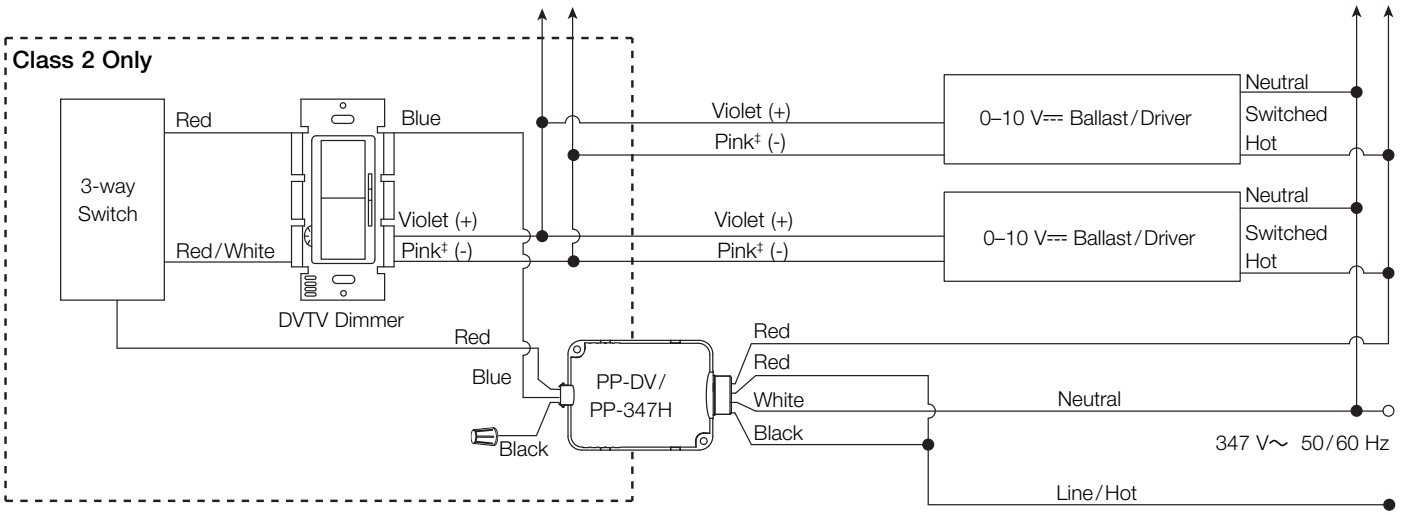
Wiring Diagrams *(continued)*
DVTV- and DVSCTV-

Dimming With ON/OFF Control
Wiring Diagram Using a Power Pack

Single-Pole Wiring



3-Way Wiring



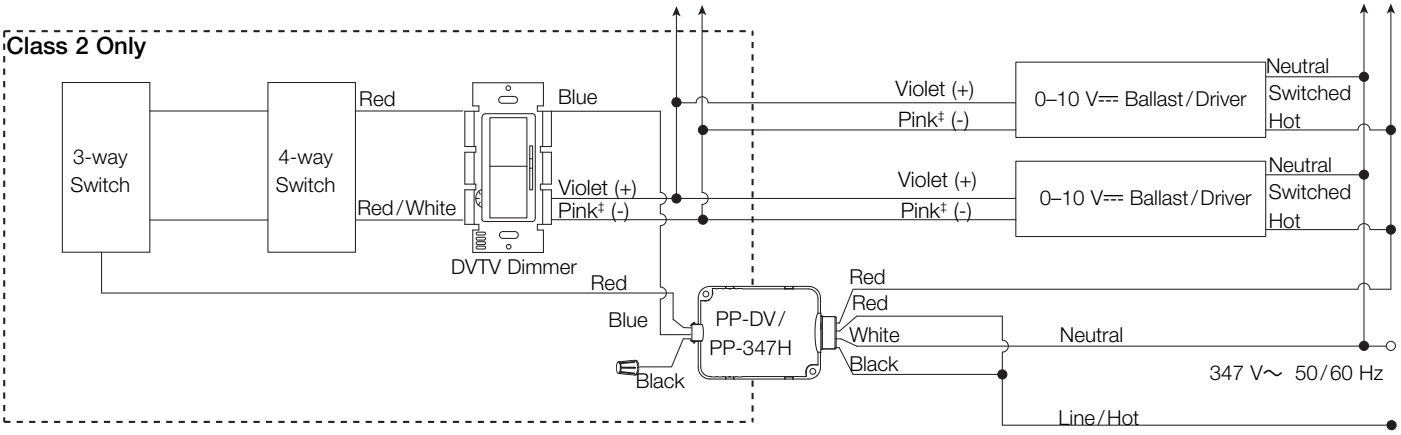
* Must use shielded cable with the drain grounded and grounded faceplate/yoke.
‡ This wire/terminal may be gray on older products or in retrofit applications.

Job Name:	Model Numbers:	
Job Number:		

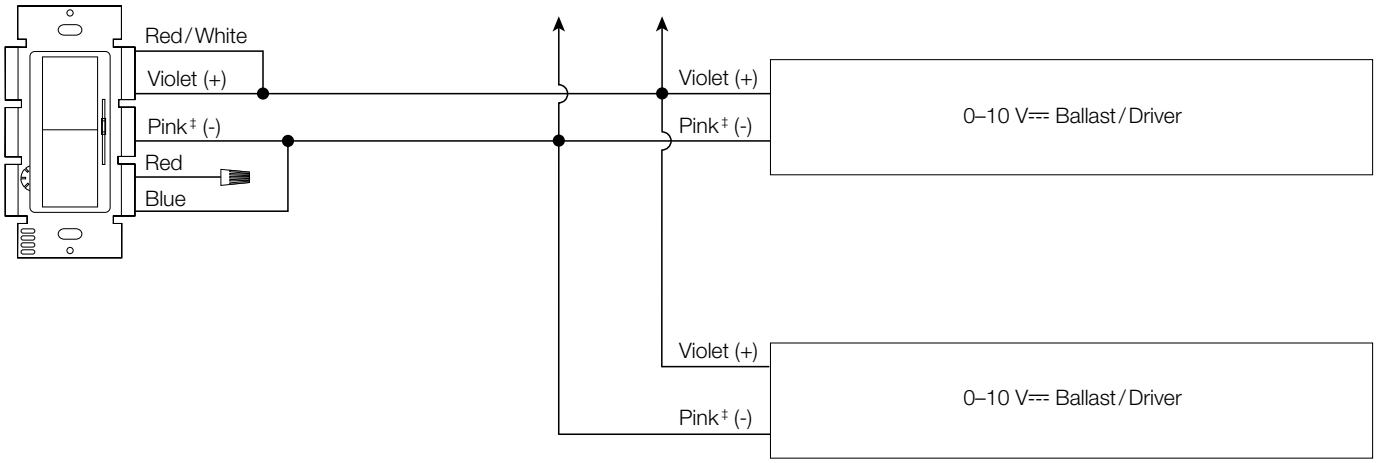
Wiring Diagrams *(continued)*
DVTV- and DVSCTV-

Dimming With ON/OFF Control
Wiring Diagram Using a Power Pack *(continued)*

4-Way Wiring



Dimming With ON/OFF Control For Drivers Which Support Dim To OFF Capability
Power Wiring Not Shown—See Lighting Device For Wiring



This wiring diagram is used when the fixture/ballast/driver is "dim to OFF" and complies with ANSI C137.1. With this wiring setup, the line voltage power is constantly supplied to the fixture/ballast/driver and the paddle switch on the Diva dimmer brings the 0–10 V signal to 0 V when in the off position.

‡ This wire/terminal may be gray on older products or in retrofit applications.

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Job Name:	Model Numbers:	
Job Number:		