

# Volume 1: Basic devices and single-space systems

Specification guide to wallbox dimmers, switches, sensors and accessories for commercial and residential applications



**Volume 1** (367-1746)

**Basic devices and single-space systems**

- Tie multiple dimmers and switches together with wireless sensors and remote controls
- Perfect for retrofit, renovation, or new construction

**Commercial**



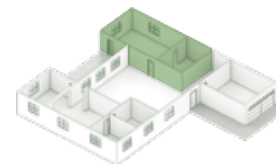
**Residential**



**Volume 2** (367-2066)

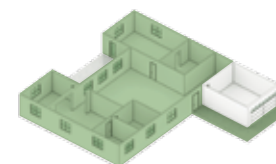
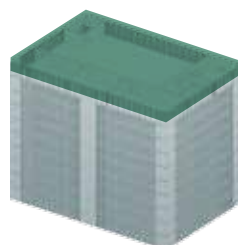
**Solutions for small/medium rooms**

- Add integrated control of window shades and tie in with A/V or other building systems
- Wired or wireless communication for retrofit, renovation, or new construction



**Solutions for large/multiple rooms**

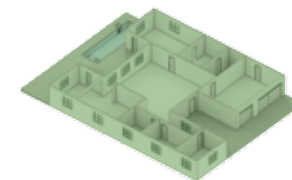
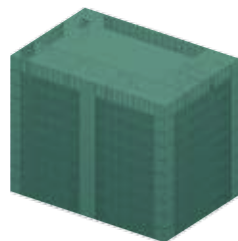
- Expand control to larger spaces and across multiple rooms—even an entire floor
- Wireless components and digital devices provide for easy reconfiguration without re-wiring



**Volume 3** (367-2102)

**Solutions for an entire home, building, or campus**

- Manage control of daylight and electric light on any scale
- Homeowners and facility managers can maximize energy efficiency, comfort, convenience, and productivity
- Display and optimize light and energy use across the entire system



## Introduction

- 01 ■ New energy-saving products
  - 03 ■ Energy-saving strategies
  - 04 ■ Select by number of control locations
  - 05 ■ Select by load type
  - 11 ■ Wallplate opening style
- 

## Load controls

### New Architectural wallplate opening

- 13 ■ Verti®

### Architectural wallplate opening

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Download complete Connection Diagrams  
& Custom Architectural Wallplates



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## C-L® Dimmers

C-L dimmers are specifically designed for reliable control of dimmable CFL/LED, incandescent, and halogen lamps. An adjustable low-end trim allows these dimmers to be used with all these lamps. For a list of specific compatible lamps, visit [www.lutron.com/cflled](http://www.lutron.com/cflled).

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pg. 143



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## Occupancy/vacancy sensors

Maestro® and Radio Powr Savr™ occupancy/vacancy sensors utilize Lutron's XCT™ detection technology to ensure reliable detection of fine motions. Maestro in-wall sensors directly replace an existing control, while Radio Powr Savr wireless sensors work with Lutron wireless load devices using Clear Connect® RF Technology.

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## Daylight sensors

Radio Powr Savr daylight sensors work with Lutron wireless load devices using Clear Connect RF Technology.

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pg. 135

## Pico® wireless controls

Pico wireless controls allow control of lights, plug-in appliances, or battery-operated shades from anywhere in a space. They offer the ultimate in control flexibility and can be handheld, kept on a tabletop pedestal, mounted to a wall with no new wiring, or used from a car visor clip.

## Battery-operated window shades

Serena® remote controlled insulating honeycomb shades can be controlled from anywhere in a space using an IR remote or Pico wireless control. With no wiring required, these shades are affordable and easy to install.



pg. 73



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## Maestro Wireless®

Maestro Wireless is a subset of the Energi TriPak® and includes wireless dimmers, switches, and lamp dimmers that can be controlled from anywhere in a space.

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## Energi TriPak

Energi TriPak is a family of controls that combines wireless sensors and remotes with wireless load controls. This family allows multiple energy-saving strategies to be combined.

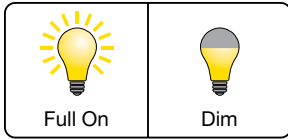
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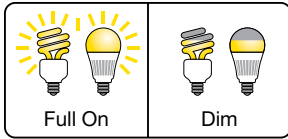
## PowPak® stairwell fixture

The Powpak stairwell fixture is a total solution for saving energy in a stairwell. It combines the lighting fixture, a Lutron dimming ballast, and a wireless Lutron dimmer. The fixture retrofits easily and works with Radio Powr Savr™ occupancy/vacancy sensors to adjust light output based on stairwell occupancy.



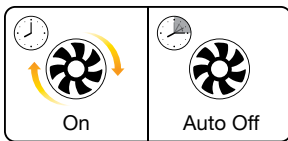
## Dimmers

Dimming incandescent or halogen bulbs by 25% saves 20% electricity.



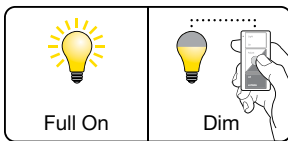
## C-L® dimmers

CFLs and LEDs already use less energy than standard bulbs, so dimming these highly efficient bulbs saves additional energy.



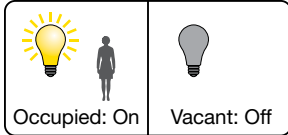
## Timers

Timers count down to ensure an exhaust fan or light is turned off automatically.



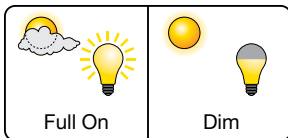
## Personal control

Personal dimming control gives occupants the ability to set the light level.



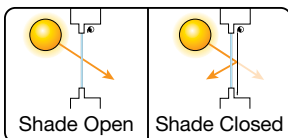
## Occupancy/vacancy sensors

Occupancy/vacancy sensing turns lights on when occupants are in a space and off when people vacate the space.



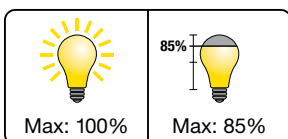
## Daylight sensors

Daylight harvesting dims electric lights when daylight is available to light the space.



## Controllable window shading

Shades reduce glare and solar heat gain.



## High-end trim

High-end trim sets the maximum light level, based on customer requirements, in each space.

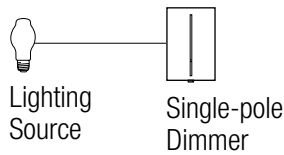
### More energy-saving strategies:

Reference Specification Guide Volume 2 (P/N 367-2066) and Volume 3 (P/N 367-2102)

The number of desired dimming and switching control locations determines the control types and quantities required.

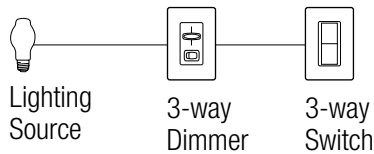
**a. Control lights from one location only**

Single-pole dimmer required (3-way and multi-location dimmers may also be used).



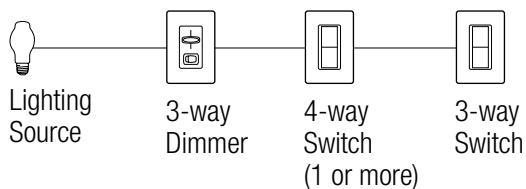
**b. Control lights from two locations**

Dimming from one location, switching from second location. 3-way dimmer required.



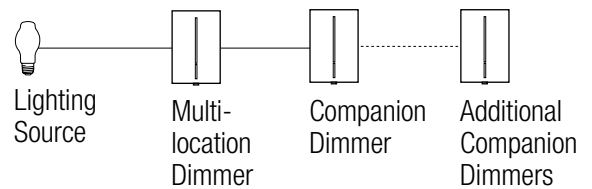
**c. Control lights from three or more locations**

Dimming from one location, switching from other locations. 3-way dimmer required.



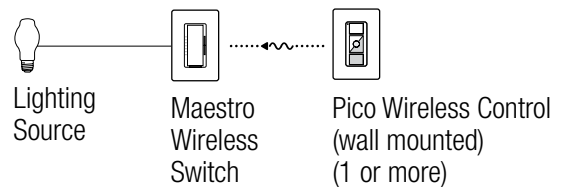
**d. Multi-location dimming**

True dimming from all locations. Multi-location digital dimmer and companion dimmer(s) required. Indicated by **M** in selection tables, pg. 7–8, 9–10.



**e. Wireless multi-location dimming**

True dimming from all locations, Maestro Wireless® and Pico™ Wireless control(s) required.



**Lutron dimmers are designed, tested and UL listed for specific load types up to a maximum wattage capacity. To select a specific dimmer by load type, see pg. 07.**

## **Incandescent/halogen lighting (INC)**

- Excellent color rendering
- Can dim to off
- Total load in Watts (W) determines dimmer choice
- Incandescent/halogen dimmers; C•L®, ELV, or MLV dimmers can also be used

## **Screw-base Compact Fluorescent Lighting (CFL)**

- Energy efficient (Energy Star listed)
- If you want to dim screw-in CFLs, make sure lamps are labeled “dimmable” —and then pair them with a compatible dimmer
- Screw-in CFLs that are rated for dimming will typically only dim down to about 10% to 30% of the lamp’s light output
- For more information on dimming these lamps please visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled)

## **Screw-base LED Lighting**

- Energy efficient (Energy Star listed)
- If you want to dim screw-in LEDs, make sure lamps are labeled “dimmable” —and then pair them with a compatible dimmer
- Screw-in LEDs that are rated for dimming will typically only dim down to about 5% to 15% of the lamp’s light output
- For more information on dimming these bulbs please visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled)

## **Electronic low-voltage lighting (ELV)**

- Excellent color rendering
- Track and recessed lights typically use electronic transformers and halogen low-voltage lamps
- Total load in Watts (W) determines dimmer choice
- ELV dimmers required

## **Magnetic low-voltage lighting (MLV)**

- Excellent color rendering
- Track and recessed lights may use magnetic transformers and halogen low-voltage lamps
- Loads quantified in Volt-Ampere (VA), combining total lamp wattage with 20% additional load due to heat losses in the magnetic transformer
- MLV dimmers required

## **Neon-cold cathode lighting (NCC)**

- Dimming requires a dimmable electronic or magnetic step-up transformer and a matching dimmer
- Loads quantified in Watts (W) or Volt-Ampere (VA)
- Typically dimmable using a Lutron 3-wire fluorescent dimmer with a power interface; see pg. 185 for more information

## **Fluorescent lighting (FL)**

- Linear, U-bent, twin-tube and 4-pin compact fluorescent lamps are dimmable when paired with the appropriate fluorescent dimming ballast
- Fluorescent lamp and ballast loads are quantified in Amps (A) and are determined by the specific type and number of ballasts being used
- Dimmers must also match the control signal required by the ballast (i.e., 3-wire, 2-wire, 0-10V, or low voltage)
- For information on Lutron dimming ballasts, see [www.lutron.com/ballasts](http://www.lutron.com/ballasts)

For further information on selecting the right lamp type, go to [www.lutron.com/bulb](http://www.lutron.com/bulb).



### **Light Emitting Diode lighting (LED)**

- LED light sources are composed of the LED array (lamp module) and a driver which powers the array
- Today, there is no common industry standard for rating and control of LED sources
- Lutron recommends the use of a Lutron Hi-lume® LED driver and a 3-wire fluorescent dimmer for smooth dimming from 100%-1% light output
- Other lamp module/driver combinations can be dimmed with specific, approved Lutron controls
- See [www.lutron.com/LED](http://www.lutron.com/LED) for a list of approved fixtures with Lutron drivers and other approved fixture/control combinations

### **Fan**

- Mechanical, electrically-powered ceiling fan
- No integral lighting
- Control options include 3-speed, 7-speed, and fully variable

### **Fan/light**

- Mechanical, electrically-powered ceiling fan with integrated lighting
- Fan and light may be wired to a single switch or two independent switches
- Control options include 3-speed, 7-speed, and fully variable

### **General purpose switch**

- Includes non-dim lighting as well as non-lighting loads, such as exhaust fans or motor loads

### **Ganging**

Ganging is the mounting of two or more dimmers or accessory devices side-by-side under a multi-gang wallplate.

### **Derating**

When you combine two or more dimmers, you need to derate the wattage capacity (power rating) and remove the side fins of the dimmer beneath the wallplate. **See pg. 179 for details.**

### **Lighting load interfaces**

To dim larger wattage loads on a single dimmer, you can use a power interface. Interfaces require 3-wire dimmers and may require additional power feeds from distribution panels.

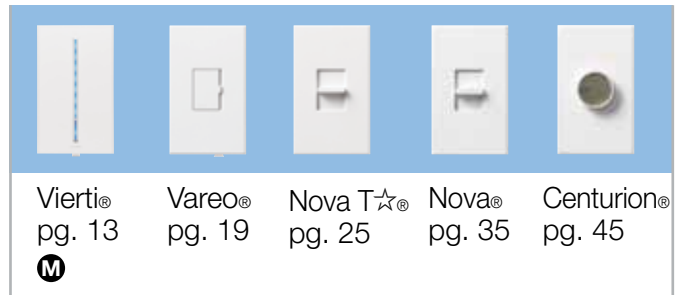
**See pg. 185 for details.**

For further information on selecting the right lamp type, go to [www.lutron.com/bulb](http://www.lutron.com/bulb).

**Dimmer capabilities and interface requirements**

- Compatible dimmer (no interface required)
- M** Multi-location—true dimming from each location
- I** Lighting load interface solutions available for additional load types, see pg. 185 for more details

**New Architectural and Architectural style**



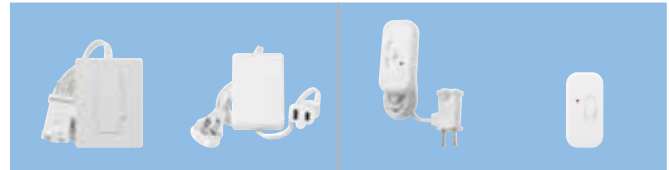
Dimmers	Voltage	Vierti®	Vareo®	Nova T <sup>☆</sup> ®	Nova®	Centurion®
Incandescent/halogen <span style="color: #4F81BD;">eco-dim® incandescent/halogen</span> <span style="color: #4F81BD;">eco-minder™ incandescent/halogen</span>	120V	■	■	■	■	■
	120V					
	120V					
Dimmable CFL/LED (screw-base)	120V					
	120V	■	■	■	■	
Magnetic low-voltage	277V		<b>I</b>	■	<b>I</b>	
	120V	■	<b>I</b>	■		
Electronic low-voltage	277V		<b>I</b>	<b>I</b>		
	120V		<b>I</b>	<b>I</b>	■	
Neon/cold cathode	120V		<b>I</b>	<b>I</b>	■	
	277V	■	<b>I</b>	■	■	
LED with Hi-lume® A-Series LED driver	120V	■		■	■	
	277V	■	<b>I</b>	■	■	
LED with 0-10V LED driver	120/277V	<b>I</b>	<b>I</b>	■	■	
<b>Dimmers for fluorescent ballasts</b>						
3-wire: Hi-lume, Hi-lume 3D, EcoSystem®, EcoSystem H-Series	120V	■		■	■	
	277V	■	<b>I</b>	■	■	
2-wire: Tu-Wire®	120V		<b>I</b>	■	■	
0-10VDC control	120/277V	<b>I</b>	<b>I</b>	■	■	
<b>Fan controls</b>						
Quiet	120V	■		■		
Fully variable	120V			■		
Fan/light	120V					
<b>Switches and timers</b>						
Electronic switch	120V	■				
	277V	<b>I</b>	<b>I</b>			
Mechanical switch	120V			■		
	277V			■		
Countdown timer switch	120V					
<span style="color: #4F81BD;">eco-timer™ switch</span>	120V					



## Dimmer capabilities and interface requirements

 Compatible dimmer (no interface required)

## Plug-in controls
















Maestro®  
Wireless®  
pg. 123

PowPak®  
pg. 125

Credenza®  
pg. 127

Attaché®  
pg. 129

Dimmers		Voltage				
	Incandescent/halogen	120V				
	eco-dim® incandescent/halogen	120V				
	eco-minder™ incandescent/halogen	120V				
	Dimmable CFL/LED (screw-base)	120V		*		
	Magnetic low-voltage	120V				
		277V				
	Electronic low-voltage	120V				
		277V				
	Neon/cold cathode	120V				
	LED with Hi-lume® A-Series LED driver	120V				
		277V				
	LED with 0-10V LED driver	120/277V				
<b>Dimmers for fluorescent ballasts</b>						
	3-wire: Hi-lume, Hi-lume 3D, EcoSystem®, EcoSystem H-Series	120V				
		277V				
	2-wire: Tu-Wire®	120V				
	0-10VDC control	120/277V				
<b>Fan controls</b>						
	Quiet	120V				
	Fully variable	120V				
	Fan/light	120V				
<b>Switches and timers</b>						
	Electronic switch	120V				
		277V				
	Mechanical switch	120V				
		277V				
	Countdown timer switch	120V				
	eco-timer™ switch	120V				



Dimmer families are organized by wallplate opening style.

Within each family section are:

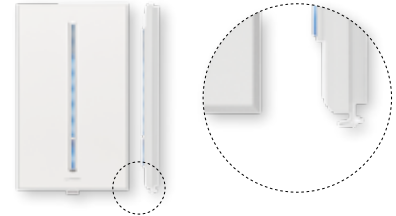
- Lighting load type compatibility
- Color options
- Specification features
- Model numbers
- Coordinating accessories

Customize solutions that are right for you.

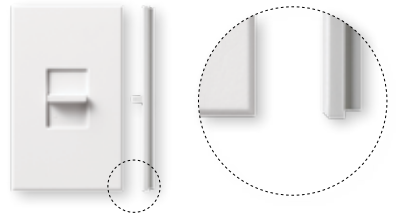
Dedicated sections follow for non-wallbox controls that also offer single-space solutions, including:

- Plug-in controls
- Remote mount modules
- Fixtures
- Battery-operated shades
- Sensors
- Wireless controls

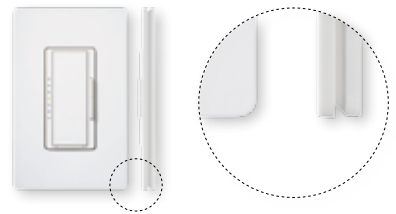
## New Architectural wallplate opening



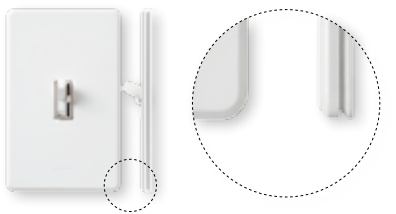
## Architectural wallplate opening



## Designer wallplate opening



## Traditional wallplate opening



## New Architectural product families

pg. 13

- Exclusive New Architectural style opening with squared edges
- New Architectural wallplates and Architectural accessories
- Single-gang wallplate included with control

## Architectural product families

pg. 19

- Architectural style opening with squared edges
- Architectural wallplates and Architectural accessories
- Single-gang wallplate included with control

## Designer product families

pg. 49

- Designer style opening with rounded edges
- Claro®/Satin Colors® wallplates and accessories
- Controls fit standard Designer opening wallplates
- Wallplates available separately

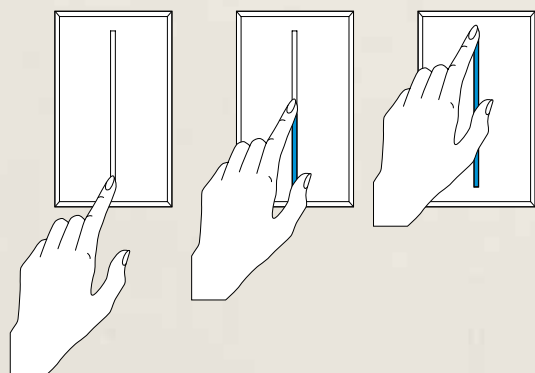
## Traditional product families

pg. 105

- Traditional style opening with rounded edges
- Fassada® style wallplates and Claro/Satin Colors accessories
- Wallplates available separately



Shown actual size: Vierti dimmer in Black (BL) with White (WH) LED bar and 1-gang New Architectural wallplate in Satin Nickel (SN).



### Product family features

- True multi-location dimming from each location
- Touch LED bar to adjust light to suit any activity
- On/off touch switch returns light to your favorite level
- LEDs indicate light level, even in a dark room
- Programming allows customized functions
- Line frequency compensation maintains stable light levels, despite power line frequency and voltage variations
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Rugged components protect against damage due to line surges
- Audible feedback confirms user touch
- Coordinating wallplate included with Architectural matte finish controls; metal wallplates only available separately
- Custom engraving and custom coloring available for wallplates, see pg. 164

### Control types

- Single-pole (one location)
- Multi-location dimming (up to five locations)

### Direct load type compatibility

- Incandescent/halogen lighting
- Magnetic low-voltage lighting
- Electronic low-voltage lighting
- Fluorescent lighting
- LED lighting
- Fan switching

### Load types requiring load interface

Lighting load interfaces applicable for some load type, voltage, and capacity combinations. For additional information, see pg. 185.

[Download specification submittal](#)  
[Download high resolution product image](#)



**Available finishes**

Use **BOLD** color code in model number (Example: VT-600-**W-GR**)

Architectural matte finishes\*

LED bar colors



**WH**  
White



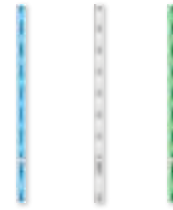
**LA**  
Light Almond



**AL**  
Almond



**BE**  
Beige



**B** Blue   **W** White   **G** Green



**IV**  
Ivory



**TP**  
Taupe



**GR**  
Gray



**SI**  
Sienna



**BR**  
Brown



**BL**  
Black

Architectural metal finish wallplates\*\*



**BN**  
Bright Nickel



**BC**  
Bright Chrome



**CLA**  
Clear Anodized  
Aluminum



**SC**  
Satin Chrome



**SN**  
Satin Nickel



**QZ**  
Antique Bronze



**AU**  
Gold Plated



**BB**  
Bright Brass



**BRA**  
Brass Anodized  
Aluminum



**SB**  
Satin Brass



**QB**  
Antique Brass



**BLA**  
Black Anodized  
Aluminum

\*Coordinating wallplate included with Architectural matte controls.

\*\*Metal finish wallplates only available separately and include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls. For wallplate information, see pg. 157.

## Single-touch dimmers



- Touch switch turns on/off
- Touch LED bar to brighten and dim
- Audible feedback confirms the LED bar was touched
- Multi-location dimming with Vierti companion dimmers
- Dimmer advanced programming options are available

### Incandescent/halogen and/or Magnetic low-voltage dimmers

#### Single-touch dimmer

Single-pole <sup>†</sup> 120V 600W/VA	VT-600- <b>D</b> <sup>1</sup> - <b>XX</b> <sup>1</sup>
Multi-location/single-pole <sup>†</sup> 120V 600W/VA	VT-600M- <b>D</b> <sup>1</sup> - <b>XX</b> <sup>1</sup>
Multi-location/single-pole <sup>†</sup> 120V 1000W/VA	VT-1000M- <b>D</b> <sup>1</sup> - <b>XX</b> <sup>1</sup>
Multi-location/single-pole <sup>†</sup> 120V 1000W/VA	VT-100MN- <b>D</b> <sup>1</sup> - <b>XX</b> <sup>1</sup>

The stated W (Watt) rating is the maximum incandescent lamp load. Ratings for MLV loads represent the maximum of the total lamp wattage plus MLV transformer loss (typically 20%).

**D**<sup>1</sup>: LED bar color codes, see pg. 14

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 14 (1-gang wallplate included)

### Electronic low-voltage dimmers\*

#### Single-touch dimmer

Multi-location/single-pole<sup>†</sup> VTELV-600M-**D**<sup>1</sup>-**XX**<sup>1</sup>  
120V 600W

Only certain LED drivers are dimmable using an ELV dimmer; for more information visit [www.lutron.com/LED](http://www.lutron.com/LED).

### 3-wire fluorescent dimmers\*

#### (also for Hi-lume® A-Series LED drivers)

#### Single-touch dimmer

Multi-location/single-pole<sup>†</sup> VTF-6AM-**D**<sup>1</sup>-**XX**<sup>1</sup>  
120/277V 6A

For use with EcoSystem®, Hi-lume 3D and Hi-lume ballasts, and Hi-lume A-Series LED drivers.

No derating required if ganged.

Adjustable high-end and low-end trim.

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

#### Advanced programming features include:

- Setting the high-end/low-end trim (dimmers only)
- Adjusting LED brightness (dimmers and switches)
- Adjusting fade on/fade off time (dimmers only)
- Audible feedback sound on/off (dimmers and switches)
- Delayed fade wait time (dimmers only)
- Locked preset lighting level (dimmers only)

Vierti Advanced Programming Manual (Application Note #205) is available at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

All models must be derated if ganged, unless otherwise noted, see pg. 179.

\* Requires neutral wire connection.

<sup>†</sup> Minimum load required, see product specification submittals for specifics.

### Single-touch switches



- Touch switch turns on/off
- Touch LED bar to brighten and dim
- Audible feedback confirms the LED bar was touched
- Multi-location switching with Vierti companion switches

### Companion dimmers



- Use up to four companion dimmers with one Vierti multi-location dimmer
- Provides true dimming from each location
- Use standard 3-way wiring for easy installation

#### **Switches\***

##### Single-touch electronic switch

Multi-location/single-pole† VT-S6AMUNV-**D**<sup>1</sup>-**XX**<sup>1</sup>

120V 6A light or 3A fan

277V 6A light

Rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, non-dim fluorescent ballasts, general purpose fans, and most non-dim LED drivers.

Not for use with mechanical 3-way or 4-way switches.

#### **Companion dimmers**

##### Single-touch companion dimmer

120/277V

VT-AD-**D**<sup>1</sup>-**XX**<sup>1</sup>

No derating required if ganged.

### Companion switches



- Use up to four companion switches with one Vierti multi-location switch
- Use standard 3-way wiring for easy installation

#### **Companion switches**

##### Single-touch companion switch

120/277V

VT-AS-**D**<sup>1</sup>-**XX**<sup>1</sup>

No derating required if ganged.

**D**<sup>1</sup>: LED bar color codes, see pg. 14

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 14 (1-gang wallplate included)

For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

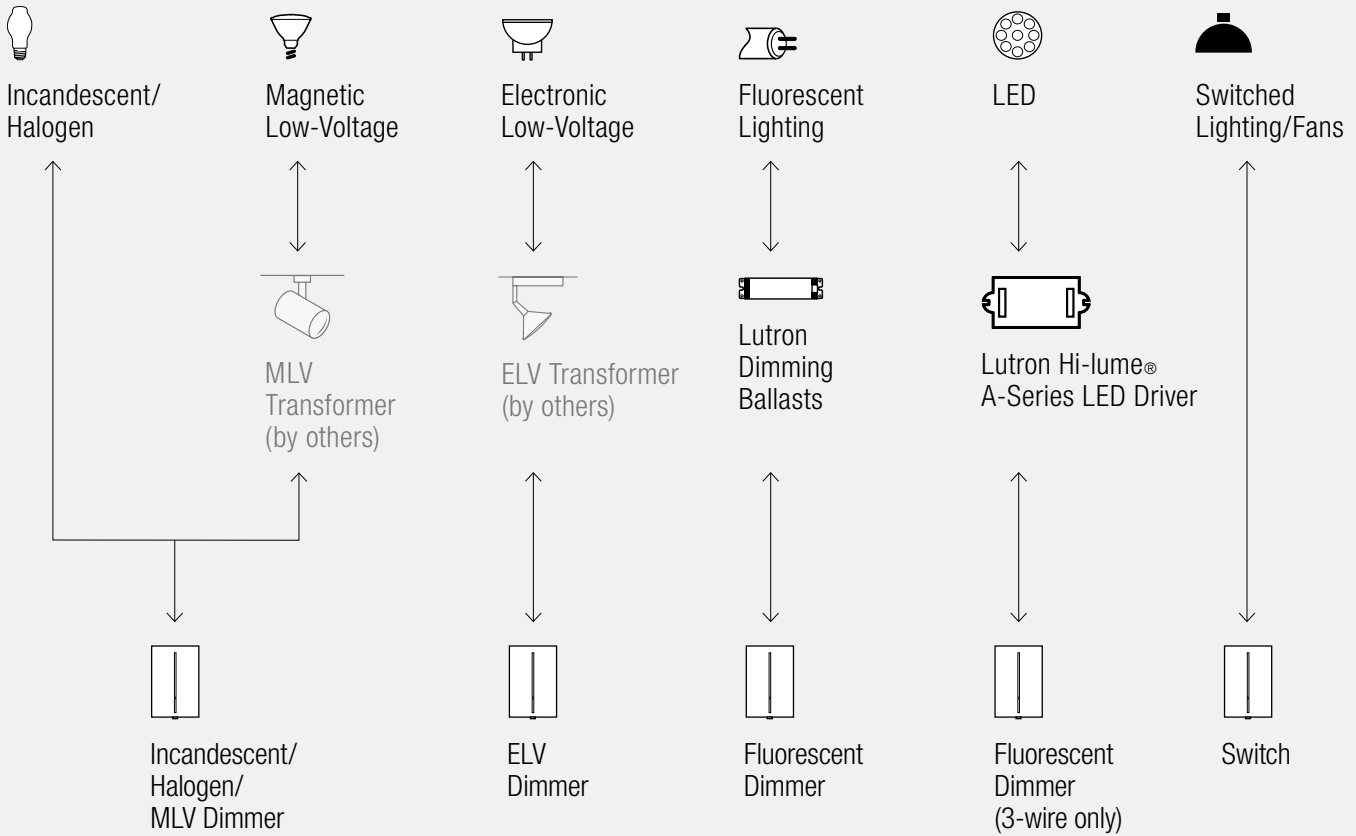
All models must be derated if ganged, unless otherwise noted, see pg. 179.

\* **Requires neutral wire connection.**

† Minimum load required, see product specification submittals for specifics.

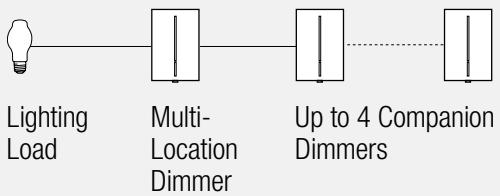
**Connections overview**

**Load connections\***

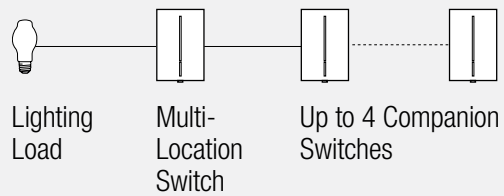


**Control types** (for 2 or more locations)

Dim from multiple locations (up to 5)



Switch from multiple locations (up to 5)



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**\*For illustration purposes only.**

Consult model number pages for specific voltage and capacity information.

Download complete Connection Diagrams

### Accessories

#### Wallplates

4.56 in (116 mm)



Shown actual size: 2-gang New Architectural wallplate in White (WH).

For more information about New Architectural wallplates, see pg. 157.

#### Coordinated electrical devices



Tamper resistant GFCI receptacle



Customizable 6-port frame



Cable jack

For more information about coordinated Architectural electrical devices, see pg. 165.





Shown actual size: Vareo dimmer in Black with 1-gang Architectural wallplate in Satin Chrome.



### Product family features

- Exclusive dimmer/switch size opening
- Tapswitch returns light to slider position
- Slide adjusts light to suit any activity
- Sophisticated thin profile
- Use “no fins broken” wallplates for full wattage capacity in multi-gang applications
- Voltage compensation maintains stable light levels, despite line voltage variations
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Coordinating wallplate included with Architectural matte finish controls; metal wallplates only available separately
- Custom engraving and custom coloring available for wallplates; see pg. 164





### Control types

-  Single-pole (one location)
-  Multi-location switching only (up to 10 locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting

### Load types requiring load interface

-  Electronic low-voltage lighting
-  Fluorescent lighting
-  LED lighting
-  Neon/cold cathode lighting

Lighting load interfaces may be applicable for some additional load type, voltage and capacity combinations.

For additional information, see pg. 185.

[Download specification submittal](#)

**Available finishes**

Use **BOLD** color code in model number (Example: V-600-**TP**)

Architectural matte finishes\*



Architectural metal finish wallplates\*\*



\*Coordinating wallplate included with Architectural matte controls.

\*\*Metal finish wallplates only available separately and include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls. For wallplate information, see pg. 161.

### Preset dimmers



- Tapswitch turns on/off
- Slide up to brighten, down to dim
- Includes hidden locator light in White, Beige, Ivory and Taupe models only
- For multi-location control, use up to 9 auxiliary tapswitches

### Tapswitches



- Tapswitch turns lights on/off
- For multi-location control, use up to 9 auxiliary tapswitches

### Incandescent/halogen and/or Magnetic low-voltage dimmers

#### Preset dimmers

Multi-location/single-pole 120V 600W/VA	V-600- <b>XX</b> <sup>1</sup>
Multi-location/single-pole 120V 1000W/VA	V-1000- <b>XX</b> <sup>1</sup>

The stated W (Watt) rating is the maximum incandescent lamp load. Ratings for MLV loads represent the maximum of the total lamp wattage plus MLV transformer loss (typically 20%).

### Switches

#### Tapswitch

Multi-location/single-pole 120V 1000W/VA	VETS-1000- <b>XX</b> <sup>1</sup>
---	-----------------------------------

Rated for: incandescent/halogen, magnetic low-voltage, fluorescent switching with magnetic ballasts.

Not for use with mechanical 3-way or 4-way switches.

Does not require derating when ganged.

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 20 (1-gang wallplate included)

All models must be derated in standard ganging unless otherwise noted, see pg. 179.



### Auxiliary tapswitch



- Tapswitch turns lights on/off
- Use up to 9 with a single Vareo preset dimmer or tapswitch

### Auxiliary tapswitches

#### Auxiliary tapswitch

120V

VETS-R-**XX**<sup>1</sup>

Not for use with mechanical 3-way or 4-way switches.

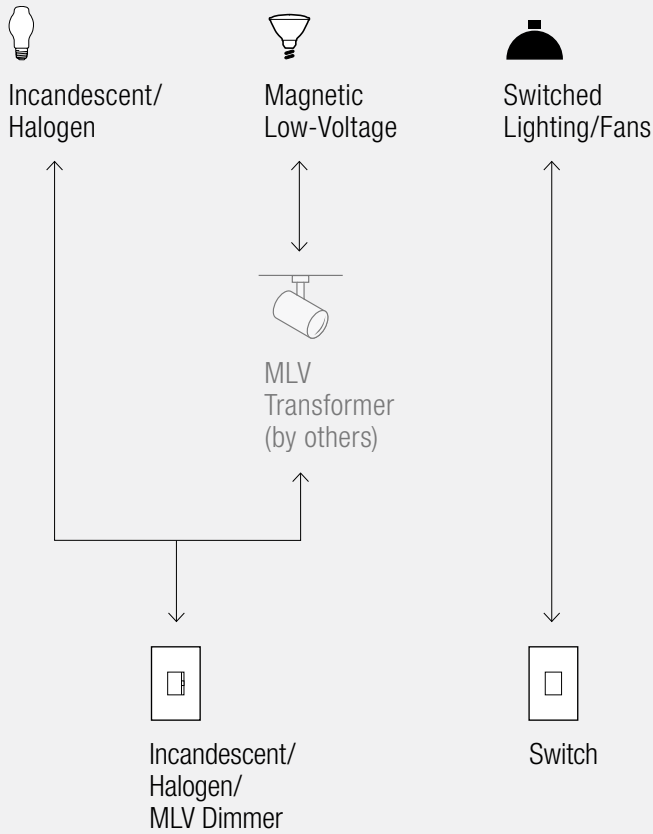
Does not require derating when ganged.

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 20  
(1-gang wallplate included)

All models must be derated in standard ganging unless otherwise noted, see pg. 179.

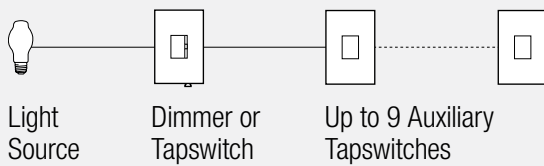
## Connections overview

### Load connections\*



### Control types (for 2 or more locations)

Dim from 1 location, switch from the others (up to 10)



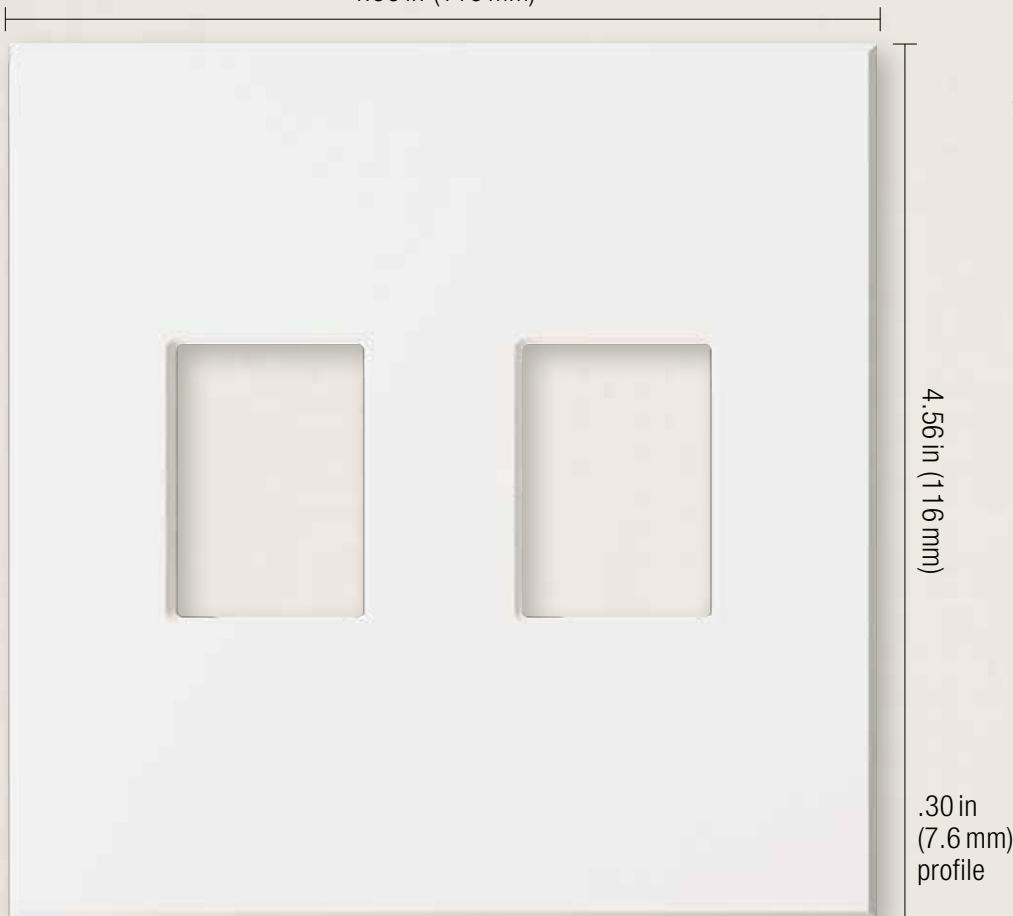
[Download complete Connection Diagrams](#)

**\*For illustration purposes only.**  
Consult model number pages for specific voltage and capacity information.

## Accessories

### Wallplates

4.56 in (116 mm)



Shown actual size: 2-gang  
Architectural wallplate in  
White (WH).

For more information  
about Architectural wallplates,  
see pg. 161.

4.56 in (116 mm)

.30 in  
(7.6 mm)  
profile

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Architectural electrical  
devices, see pg. 165.





Shown actual size: Nova T<sup>☆</sup> dimmer in Black (BL) with 1-gang Architectural wallplate in Clear Anodized Aluminum (CLA).







### Product family features

- Full family of controls plus matching fan controls, switches, and wiring devices
- Exclusive dimmer/switch size opening
- Slide adjusts light to suit any activity
- Classic slider, thin profile design
- Voltage compensation maintains stable light levels, despite line voltage variations
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Coordinating wallplate included with Architectural matte finish controls; metal wallplates only available separately
- Custom engraving and custom coloring available for wallplates, see pg. 164


### Control types

-  Single-pole (one location)
-  3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Electronic low-voltage lighting
-  Fluorescent lighting
-  LED lighting
-  Ceiling fans

### Load types requiring load interface

-  Neon/cold cathode lighting

Lighting load interfaces may be applicable for some additional load type, voltage, and capacity combinations.

For additional information, see pg. 185.

[Download specification submittal](#)

**Available finishes**

Use **BOLD** color code in model number (Example: NT-600-**SI**)

Architectural matte finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**BE**  
Beige



**IV**  
Ivory



**TP**  
Taupe



**GR**  
Gray



**SI**  
Sienna



**BR**  
Brown



**BL**  
Black

Architectural metal finish wallplates\*\*



**BN**  
Bright Nickel



**BC**  
Bright Chrome



**CLA**  
Clear Anodized  
Aluminum



**SC**  
Satin Chrome



**SN**  
Satin Nickel



**QZ**  
Antique Bronze



**AU**  
Gold Plated



**BB**  
Bright Brass



**BRA**  
Brass Anodized  
Aluminum



**SB**  
Satin Brass



**QB**  
Antique Brass



**BLA**  
Black Anodized  
Aluminum

\*Coordinating wallplate included with Architectural matte controls.

\*\*Metal finish wallplates only available separately and include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls. For wallplate information, see pg. 161.

### Slide-to-off dimmers



- Slide up to brighten, down to dim
- Loads from 1000-2000 Watts require large controls

### **Electronic low-voltage dimmers\*** (small controls)

#### Slide-to-off dimmers

Single-pole 120V 300W	NTELV-300- <b>XX</b> <sup>1</sup>
Single-pole 120V 600W	NTELV-600- <b>XX</b> <sup>1</sup>

Certain LED drivers are dimmable using an ELV dimmer; for more information visit [www.lutron.com/LED](http://www.lutron.com/LED).

### **Incandescent/halogen dimmers** (small controls)

#### Slide-to-off dimmers

Single-pole 120V 600W	NT-600- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	NT-1000- <b>XX</b> <sup>1</sup>

### **3-wire fluorescent dimmers\*** (also for Hi-lume<sup>®</sup> A-Series LED drivers) (small controls)

#### Slide-to-off dimmers

Single-pole 120V 16A	NTF-10- <b>XX</b> <sup>1</sup>
Single-pole 277V 8A	NTF-10-277- <b>XX</b> <sup>1</sup>

For use with EcoSystem<sup>®</sup>, Hi-lume 3D and Hi-lume ballasts, and Hi-lume A-Series LED drivers. No derating required if ganged.

Adjustable low-end trim.

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

### **Magnetic low-voltage dimmers** (small controls)

#### Slide-to-off dimmers

Single-pole 120V 600VA (450W)	NTLV-600- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000VA (800W)	NTLV-1000- <b>XX</b> <sup>1</sup>
Single-pole* 277V 600VA (450W)	NTLV-600-277- <b>XX</b> <sup>1</sup>
Single-pole* 277V 1000VA (800W)	NTLV-1000-277- <b>XX</b> <sup>1</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 26 (1-gang wallplate included)

All models must be derated if ganged, unless otherwise noted, see pg. 179.

\* **Requires neutral wire connection.**

**0-10V fluorescent dimmer** (current sink control)

**(also for 0-10V LED drivers)**

(small control)

**Slide-to-off dimmer**

Single-pole	NTFTV- <b>XX</b> <sup>1</sup>
30mA max control current	

Control provides dimming signal only. For dimming with on/off switching, **use with Lutron Power Pack**: PP-120H, PP-277H, or PP-347H. Consult ballast manufacturer for specific ballast current draw to determine maximum number of ballasts per control.

For information on using Lutron dimmers to control Advance Mark 7 dimming ballasts, visit [www.lutron.com/advance](http://www.lutron.com/advance); Universal dimming ballasts, visit [www.lutron.com/universal](http://www.lutron.com/universal).

No derating required if ganged.

For compatible 0-10V LED drivers by others, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**Tu-Wire<sup>®</sup> fluorescent dimmers**

(small controls)

**Slide-to-off dimmers**

Single-pole	NTFTU-5A- <b>XX</b> <sup>1</sup>
120V 5A	
Single-pole*	NTFTU-5A-277- <b>XX</b> <sup>1</sup>
277V 5A	

Also compatible with Advance Mark 10 ballasts, for further information visit [www.lutron.com/advance](http://www.lutron.com/advance).

For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466; Universal dimming ballasts visit [www.lutron.com/universal](http://www.lutron.com/universal).

**XX<sup>1</sup>**: Architectural matte color codes, see pg. 26 (1-gang wallplate included)

**Slide-to-off dimmers**



- Higher capacity dimmers require larger heat sink behind wallplate
- Slide up to brighten, down to dim
- Measures 4.56 in x 4.56 in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox

**Incandescent/halogen dimmers** (large controls)

**Slide-to-off dimmers**

Single-pole	NT-1500- <b>XX</b> <sup>1</sup>
120V 1500W	
Single-pole	NT-2000- <b>XX</b> <sup>1</sup>
120V 1920W	

NT-2000 dimmers must be ganged with no fins broken. See ganging and derating on pg. 179 for further information.

NT-2000 requires a 2-gang electrical backbox.

**Magnetic low-voltage dimmers** (large controls)

**Slide-to-off dimmers**

Single-pole	NTLV-1500- <b>XX</b> <sup>1</sup>
1500VA (1200W)	

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

All models must be derated if ganged, unless otherwise noted, see pg. 179.

\* **Requires neutral wire connection.**

## Preset dimmers



- Button turns on/off to slider level
- Slide up to brighten, down to dim
- Loads from 1000-1500 watts require large controls

### Incandescent/halogen dimmers (small controls)

#### Preset dimmers

3-way/single-pole 120V 600W	NT-603P- <b>XX</b> <sup>1</sup>
3-way/single-pole 120V 1000W	NT-1003P- <b>XX</b> <sup>1</sup>

### Magnetic low-voltage dimmers (small controls)

#### Preset dimmers

3-way/single-pole (small) 120V 600VA (450W)	NTLV-603P- <b>XX</b> <sup>1</sup>
3-way/single-pole (small) 120V 1000VA (800W)	NTLV-1003P- <b>XX</b> <sup>1</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

### 3-wire fluorescent dimmers\* (also for Hi-lume<sup>®</sup> A-Series LED drivers) (small controls)

#### Preset dimmers

3-way 120V 8A	NTF-103P- <b>XX</b> <sup>1</sup>
3-way 277V 6A	NTF-103P-277- <b>XX</b> <sup>1</sup>

For use with EcoSystem<sup>®</sup>, Hi-lume 3D and Hi-lume ballasts, and Hi-lume A-Series LED drivers.

No derating required if ganged.

Adjustable low-end trim.

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

To control lights from multiple-locations, use 3-way dimmer with NT-3PS- and NT-4PS- or other mechanical switches.

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 26 (1-gang wallplate included)

All models must be derated if ganged, unless otherwise noted, see pg. 179.

\* Requires neutral wire connection.



### Preset dimmers



- Higher capacity dimmers require larger heat sink behind wallplate
- Button turns on/off to slider level
- Slide up to brighten, down to dim
- Measures 4.56 in x 4.56 in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox

### Linear-slide switches



- Slide up to on, down to off
- Works with all load types

#### Incandescent/halogen dimmers (large controls)

##### Preset dimmers

3-way/single-pole 120V 1500W	NT-1503P- <b>XX</b> <sup>1</sup>
---------------------------------	----------------------------------

#### Magnetic low-voltage dimmers (large controls)

##### Preset dimmers

3-way/single-pole 120V 1500VA (1200W)	NTLV-1503P- <b>XX</b> <sup>1</sup>
--	------------------------------------

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

#### Switches

(small controls)

##### General purpose switches— all load types

Single-pole 120/277V 20A	NT-1PS- <b>XX</b> <sup>1</sup>
3-way 120/277V 20A	NT-3PS- <b>XX</b> <sup>1</sup>
4-way 120/277V 20A	NT-4PS- <b>XX</b> <sup>1</sup>

For 3-way and 4-way switching, use NT-3PS-, NT-4PS- or other mechanical switches.

No derating required if ganged.

**XX**<sup>1</sup>: Architectural matte color codes, see pg.26 (1-gang wallplate included)

All models must be derated if ganged, unless otherwise noted, see pg. 179.

### Slide-to-off fan controls



- Slide up to increase speed/on; down to decrease speed/off
- Quiet 3-speed model designed to prevent motor hum (for use with one paddle fan)
- Fully variable for use with multiple paddle or exhaust fans
- Higher capacity loads require large controls

### Slide-to-off fan controls



- Slide up to increase speed/on, down to decrease speed/off
- Fully variable for use with multiple paddle or exhaust fans
- Higher capacity controls require larger heat sink behind wallplate
- Measures 4.56 in x 4.56 in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox

#### ✂ Fan controls (small controls)

##### Slide-to-off fan control—quiet 3-speed

Single-pole fan control NTFSQ-**XX**<sup>1</sup>  
120V 1.5A

For use with only one ceiling fan.  
No derating required if ganged.

##### Slide-to-off fan controls—fully variable

Single-pole fan control NTFS-6E-**XX**<sup>1</sup>  
120V 6A

#### ✂ Fan controls (large controls)

##### Slide-to-off fan controls—fully variable

Single-pole fan control NTFS-12E-**XX**<sup>1</sup>  
120V 12A

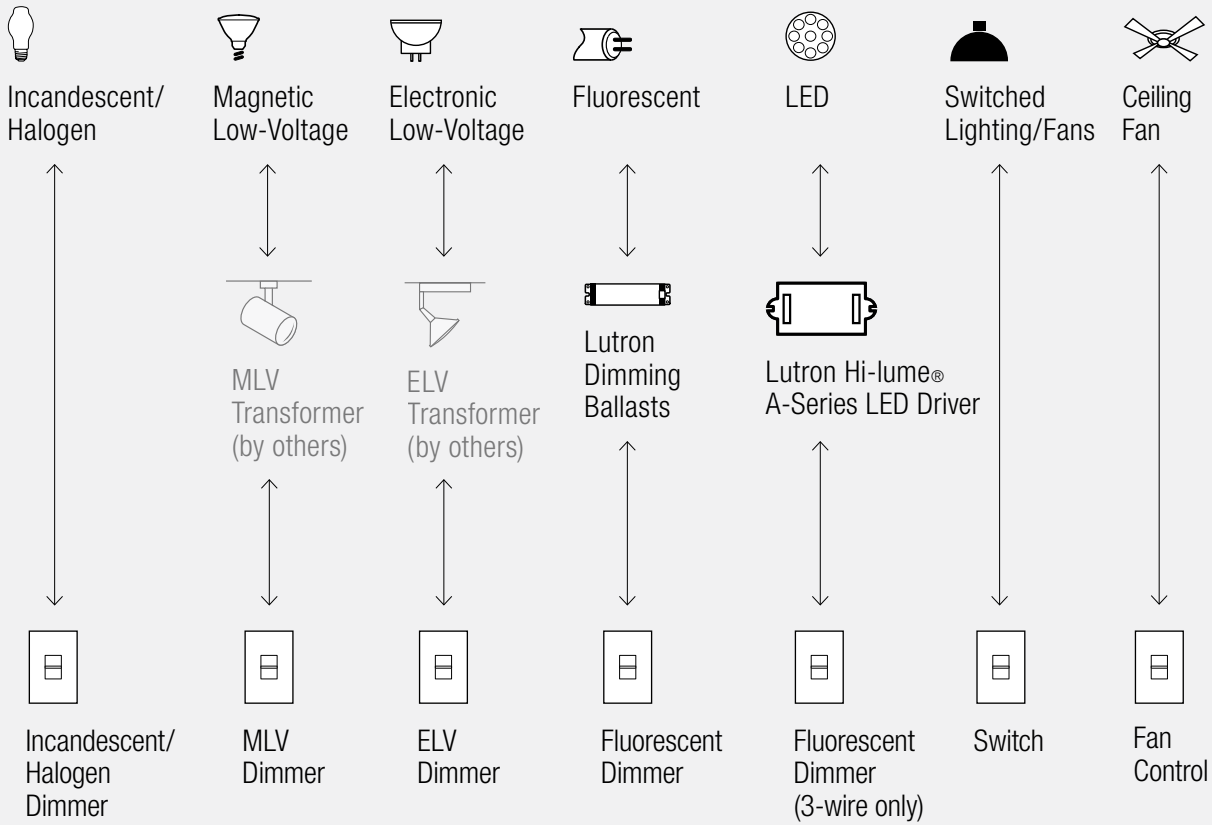
**XX**<sup>1</sup>: Architectural matte color codes, see pg. 26  
(1-gang wallplate included)

All models must be derated if ganged, unless otherwise noted, see pg. 179.

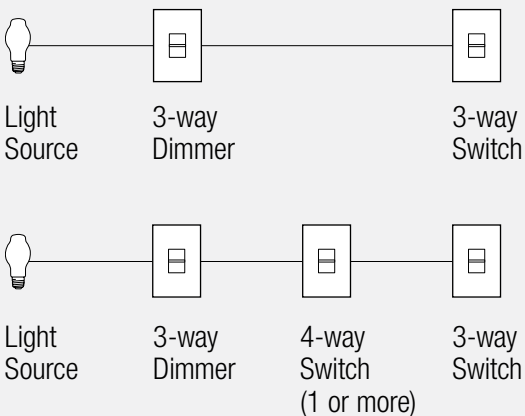
\* **Requires neutral wire connection.**

**Connections overview**

**Load connections\***



**Dim from one location, switch from the others**



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**\*For illustration purposes only.**

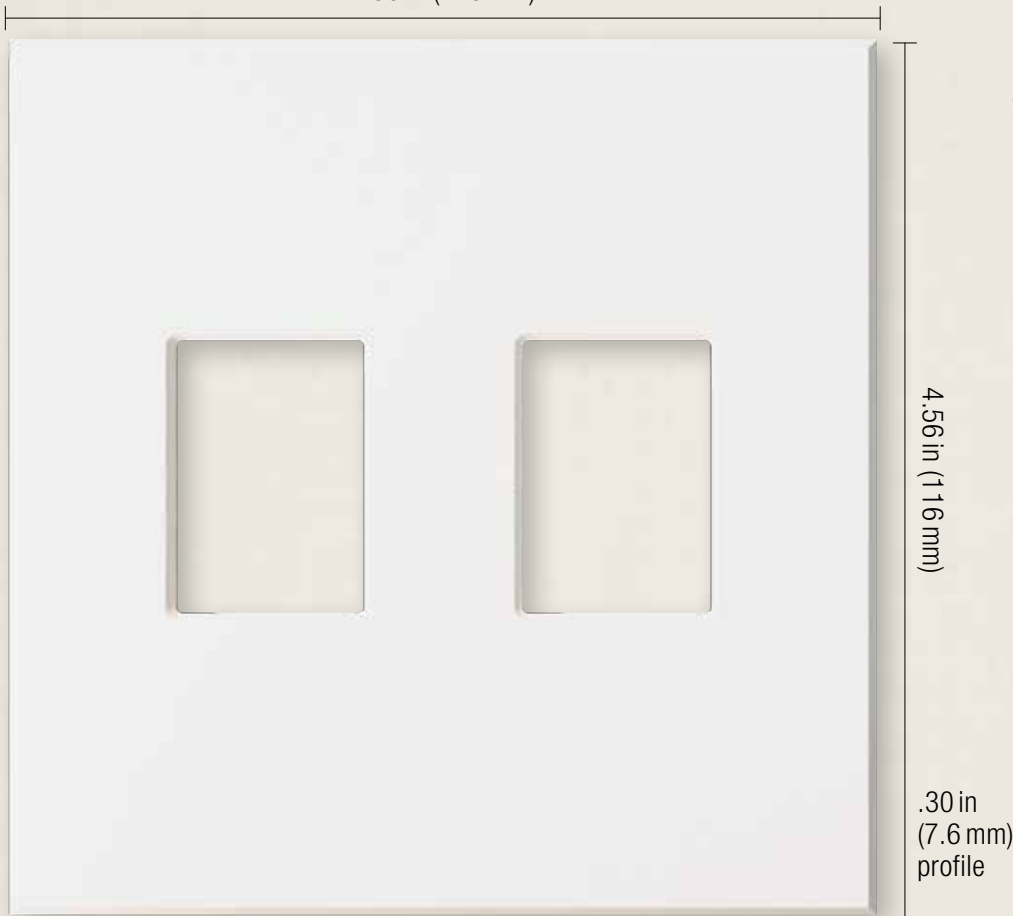
Consult model number pages for specific voltage and capacity information.

Download complete Connection Diagrams

## Accessories

### Wallplates

4.56 in (116 mm)



Shown actual size: 2-gang  
Architectural wallplate in  
White (WH).

For more information  
about Architectural wallplates,  
see pg. 161.

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Architectural electrical  
devices, see pg. 165.







Shown actual size: Nova dimmer and 1-gang Architectural wallplate in White (WH).






### Product family features

- Slide adjusts light to suit any activity
- Full family of controls plus matching fan controls, switches, and wiring devices
- Does not mount with Nova T☆® under common wallplate
- Voltage compensation maintains stable light levels, despite line voltage variations
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Original thick profile does not fit flush against the wall; for thinner profile, see Nova T☆ on pg. 25
- Coordinating wallplate included
- Custom engraving and custom coloring available for wallplates, see pg. 164

### Control types

-  Single-pole (one location)
-  3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Neon/cold cathode lighting
-  Fluorescent lighting
-  LED lighting

### Load types requiring load interface

Lighting load interfaces may be applicable for some load type, voltage, and capacity combinations. For additional information, see pg. 185.

[Download specification submittal](#)  
[Download high resolution product image](#)

**Available finishes**

Use **BOLD** color code in model number (Example: N-600-**BE**)

Architectural matte finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**BE**  
Beige



**IV**  
Ivory



**TP**  
Taupe



**GR**  
Gray



**SI**  
Sienna



**BR**  
Brown



**BL**  
Black

\*Coordinating wallplate included with Architectural matte controls.

### Slide-to-off dimmers



- Slide up to brighten, down to dim
- Standard size dimmer shown
- Higher capacity loads require large controls

### Incandescent/halogen dimmers (small controls)

#### Slide-to-off dimmers

Single-pole 120V 600W	N-600- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	N-1000- <b>XX</b> <sup>1</sup>

### Magnetic low-voltage and/or Neon/cold cathode dimmers\* (small controls)

#### Slide-to-off dimmers

Single-pole 120V 600VA (450W)	NLV-600- <b>XX</b> <sup>1</sup>
----------------------------------	---------------------------------

For neon/cold cathode dimming, consult Lutron Technical Support: Application note #25.

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 36 (1-gang wallplate included)

### 3-wire fluorescent dimmers\*

 (also for Hi-lume® A-Series LED drivers) (small controls)

#### Slide-to-off dimmers

Single-pole 120V 16A	NF-10- <b>XX</b> <sup>1</sup>
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For use with EcoSystem®, Hi-lume 3D and Hi-lume ballasts and Hi-lume A-Series LED drivers.

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

No derating required if ganged.

Adjustable low-end trim.

### 0-10V dimmer (current sink control)

 (also for Hi-lume A-Series LED drivers) (small controls)

#### Slide-to-off dimmer

Single-pole 30mA max control current	NFTV- <b>XX</b> <sup>1</sup>
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Control provides dimming signal only. For dimming with on/off switching, **use with Lutron Power Pack**: PP-120H, PP-277H, or PP-347H. Consult ballast manufacturer for specific ballast current draw to determine maximum number of ballasts per control.

For information on using Lutron dimmers to control Advance Mark 7 dimming ballasts, visit [www.lutron.com/advance](http://www.lutron.com/advance); Universal dimming ballasts, visit [www.lutron.com/universal](http://www.lutron.com/universal).

For compatible 0-10V LED drivers by others, visit [www.lutron.com/LED](http://www.lutron.com/LED).

No derating required if ganged.

For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts). Custom ganging and derating applies, see pg.179.

\*Requires neutral wire connection.



 **Tu-Wire® fluorescent dimmer**

(small control)

**Slide-to-off dimmer**

Single-pole 120V 5A	NFTU-5A- <b>XX</b> <sup>1</sup>
------------------------	---------------------------------

Also compatible with Advance Mark 10 ballasts. For further information, visit [www.lutron.com/advance](http://www.lutron.com/advance).

For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466; Universal dimming ballasts, visit [www.lutron.com/universal](http://www.lutron.com/universal).

 **Fluorescent dimmers with magnetic ballasts\***

(small control)

**Slide-to-off dimmers**

Single-pole (small) 120V 10 lamps	NF-10- <b>XX</b> <sup>1</sup>
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For best fluorescent dimming performance and reliability, Lutron strongly recommends using Hi-lume®, EcoSystem® or Tu-Wire® electronic dimming ballasts and appropriate controls.

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 36 (1-gang wallplate included)

For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts). Custom ganging and derating applies, see pg. 179.

**\*Requires neutral wire connection.**

### Slide-to-off dimmers



- Higher capacity dimmers require larger heat sink behind wallplate
- Slide up to brighten, down to dim
- Measures 4.56 in x 4.56 in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox

### **Magnetic low-voltage and/or Neon/cold cathode dimmers\*** (large controls)

#### Slide-to-off dimmers

Single-pole 120V 1000 VA (800W)	NLV-1000- <b>XX</b> <sup>1</sup>
Single-pole 120V 1500 VA (1200W)	NLV-1500- <b>XX</b> <sup>1</sup>

For neon/cold cathode dimming, consult Lutron Technical Support: Application note #25.

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

### **Incandescent/halogen dimmers** (large controls)

#### Slide-to-off dimmers

Single-pole 120V 1500W	N-1500- <b>XX</b> <sup>1</sup>
Single-pole 120V 2000W	N-2000- <b>XX</b> <sup>1</sup>

### **3-wire fluorescent dimmers\*** (also for Hi-lume® A-Series LED drivers) (large controls)

#### Slide-to-off dimmers

Single-pole 277V 8A	NF-10-277- <b>XX</b> <sup>1</sup>
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For use with EcoSystem®, Hi-lume 3D and Hi-lume ballasts, and Hi-lume A-Series LED drivers.

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

No derating required if ganged.

Adjustable low-end trim.

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 36 (1-gang wallplate included)

For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).  
Custom ganging and derating applies, see pg. 179.

\*Requires neutral wire connection.

 **Fluorescent dimmers** with magnetic ballasts\*  
(small and large control)

**Slide-to-off dimmers**

Single-pole 120V 20 lamps	NF-20- <b>XX</b> <sup>1</sup>
Single-pole 120V 30 lamps	NF-30- <b>XX</b> <sup>1</sup>
Single-pole 277V 10 lamps	NF-10-277- <b>XX</b> <sup>1</sup>
Single-pole 277V 20 lamps	NF-20-277- <b>XX</b> <sup>1</sup>

For best fluorescent dimming performance and reliability, Lutron strongly recommends using Hi-lume®, EcoSystem® or Tu-Wire® electronic dimming ballasts and appropriate controls.

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 36  
(1-gang wallplate included)

For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).  
Custom ganging and derating applies, see pg. 179.  
**\*Requires neutral wire connection.**

## Preset dimmers



- Button turns on/off to slider level
- Slide up to brighten, down to dim
- Standard size dimmer shown
- Higher capacity loads require large controls

## 3-wire fluorescent dimmers\*

 (also for Hi-lume® A-Series LED drivers)  
(small controls)

### Preset dimmers

3-way/single-pole (small) 120V 8 A	NF-103P- <b>XX</b> <sup>1</sup>
3-way/single-pole (small) 277V 6A	NF-103P-277- <b>XX</b> <sup>1</sup>

For use with Hi-lume, Hi-lume 3D, EcoSystem® ballasts and Hi-lume A-Series LED drivers.

No derating required if ganged.

Adjustable low-end trim.

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

## Incandescent/halogen dimmers (small controls)

### Preset dimmers

3-way/single-pole 120V 600W	N-603P- <b>XX</b> <sup>1</sup>
3-way/single-pole 120V 1000W	N-1003P- <b>XX</b> <sup>1</sup>

## Magnetic low-voltage dimmers (small controls)

### Preset dimmers

3-way/single-pole 120V 600VA (450W)	NLV-603P- <b>XX</b> <sup>1</sup>
3-way/single-pole 120V 1000VA (800W)	NLV-1003P- <b>XX</b> <sup>1</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 36  
(1-gang wallplate included)

For more information on Lutron ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

Custom ganging and derating applies, see pg. 179.

\*Requires neutral wire connection.

## Preset dimmers



- Higher capacity dimmers require larger heat sink behind wallplate
- Button turns on/off to slider level
- Slide up to brighten, down to dim
- Measures 4.56 in x 4.56 in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox

### Incandescent/halogen dimmers (large controls)

#### Preset dimmers

3-way/single-pole 120V 1500W	N-1503P- <b>XX</b> <sup>1</sup>
3-way/single-pole 120V 2000W	N-2003P- <b>XX</b> <sup>1</sup>

### Magnetic low-voltage dimmers (large controls)

#### Preset dimmers

3-way/single-pole 120V 1500VA (1200W)	NLV-1503P- <b>XX</b> <sup>1</sup>
3-way/single-pole 120V 2000VA (1600W)	NLV-2003P- <b>XX</b> <sup>1</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

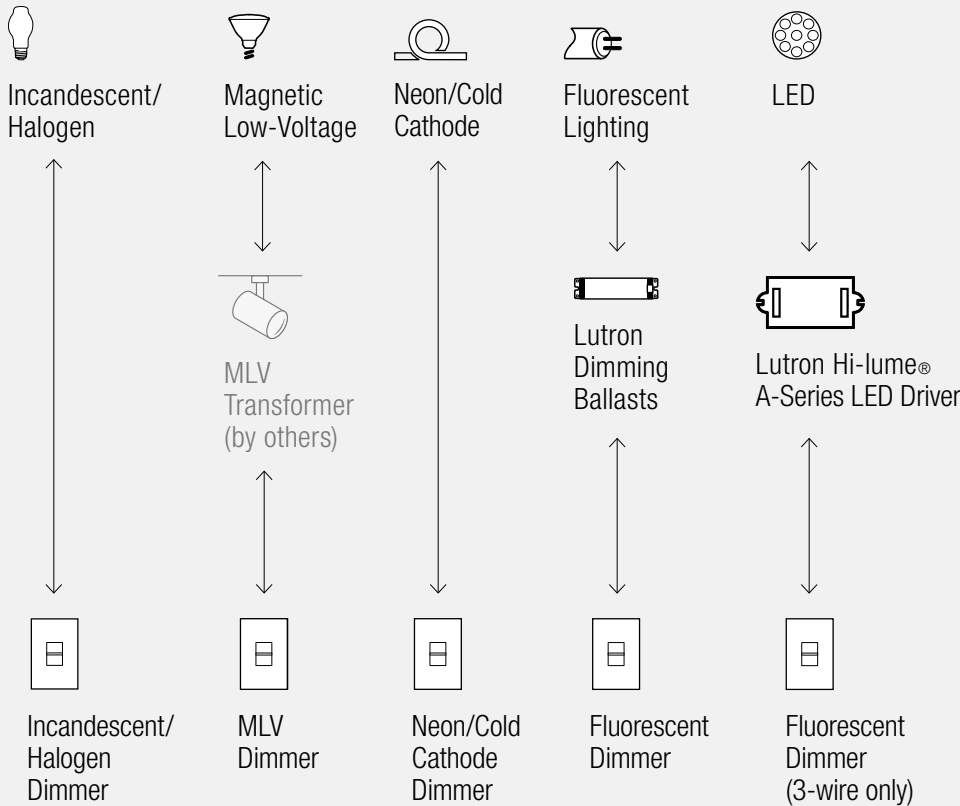
**XX**<sup>1</sup>: Architectural matte color codes, see pg. 36  
(1-gang wallplate included)

Custom ganging and derating applies, see pg. 179.

**\*Requires neutral wire connection.**

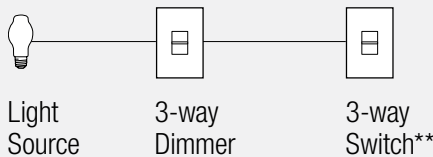
**Connections overview**

**Load connections\***

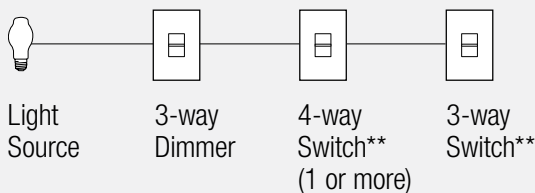


**Control types (for 2 or more locations)**

Dim from one location, switch from the others



\*\* For 3-way and 4-way control, use 3-way dimmer with NT-3PS- and NT-4PS- or other mechanical switches.  
Note: Nova T☆® (pg. 25) and Nova (pg. 35) have different profile depths.



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**\*For illustration purposes only.**

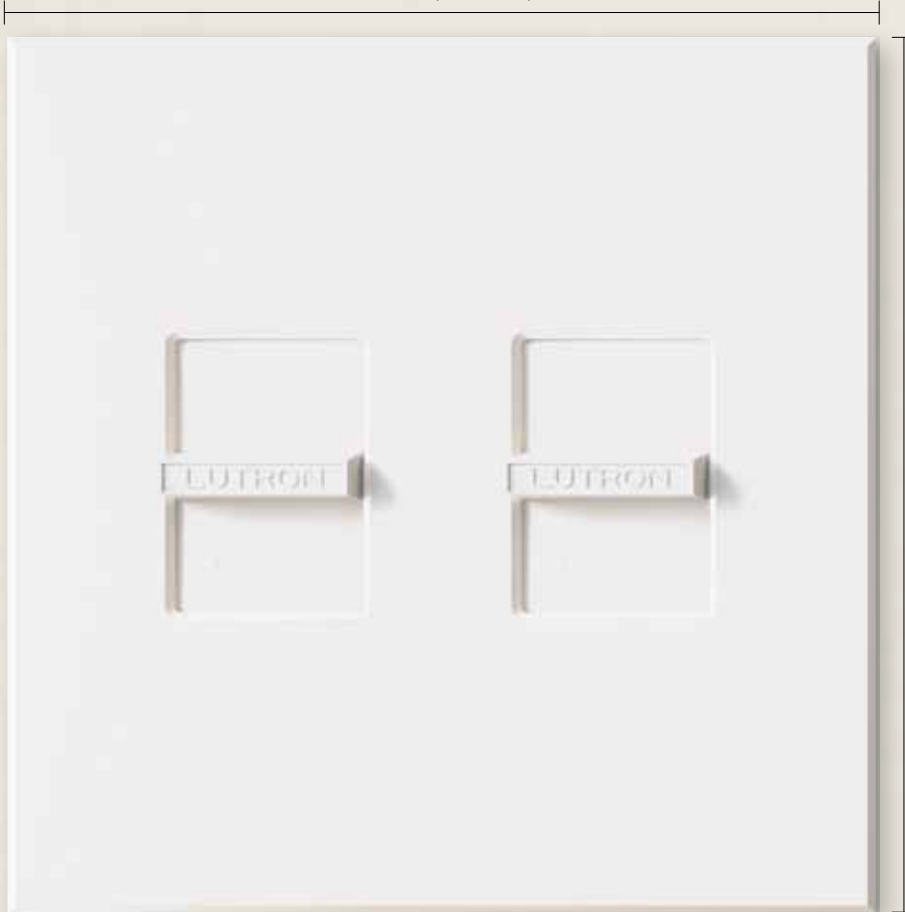
Consult model number pages for specific voltage and capacity information.

Download complete Connection Diagrams

## Accessories

### Wallplates

4.56 in (116 mm)



Shown actual size: Custom Architectural 2-gang Nova wallplate in White (WH).

Custom ganging and derating required for Nova controls, see pg. 179.

For information about Nova multi-gang wallplates, visit [www.lutron.com/custommultigang](http://www.lutron.com/custommultigang).

4.56 in (116 mm)

.65 in (16.5 mm)  
profile including  
wallplate and  
base unit

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Architectural electrical  
devices, see pg. 165.





Shown actual size: Centurion dimmer and 1-gang wallplate in White (WH).


### Product family features

- Rotary style dimmer with captive knob
- Heavy duty components for surge protection and long product life
- Visible heat sink
- Gangable without removing side sections and reducing wattage
- Voltage compensation maintains stable light levels, despite line voltage variations
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Original thick profile does not fit flush against the wall; for thinner profile see Nova T☆® on pg. 25
- Coordinating 1-gang wallplate included
- Custom engraving and custom coloring available for wallplates, see pg. 164

### Control types

-  Single-pole (one location)
-  3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting

Lighting load interfaces are not compatible with this family.

### Available finishes

Use **BOLD** color code in model number (Example: C-600-**BE**)

Architectural matte finishes\*



**WH**  
White

**BE**  
Beige

[Download specification submittal](#)  
[Download high resolution product image](#)

\*Coordinating wallplate included with Architectural matte controls.



## Rotary dimmers



- Rotate or push on/off (depending on model), rotate to adjust light level
- Higher capacity loads require large controls

## Rotary dimmers



- Higher capacity dimmers require larger heat sink behind wallplate
- Rotate or push on/off (depending on model), rotate to adjust light level
- Measures 4.56 in x 4.56 in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox

### Incandescent/halogen dimmers (small controls)

#### Rotary, rotate on/off

Single-pole 120V 600W	C-600- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	C-1000- <b>XX</b> <sup>1</sup>

#### Rotary, push on/off

Single-pole (small) 120V 600W	C-600P- <b>XX</b> <sup>1</sup>
Single-pole (small) 120V 1000W	C-10P- <b>XX</b> <sup>1</sup>
3-way (small) 120V 600W	C-603P- <b>XX</b> <sup>1</sup>
3-way (small) 120V 1000W	C-103P- <b>XX</b> <sup>1</sup>

Multi-gang wallplates are not available.

When ganging controls, mount single-gang wallplates side-by-side. Not gangable with other dimmer families.

Wider-than-standard electrical backboxes may be required.

For 3-way and 4-way switching, use a 3-way dimmer with mechanical switches.

### Incandescent/halogen dimmers (small controls)

#### Rotary, rotate on/off

Single-pole 120V 1500W	C-1500- <b>XX</b> <sup>1</sup>
Single-pole 120V 2000W	C-2000- <b>XX</b> <sup>1</sup>

Multi-gang wallplates are not available.

When ganging controls, mount single-gang wallplates side-by-side. Not gangable with other dimmer families.

Wider-than-standard electrical backboxes may be required.

For 3-way and 4-way switching, use a 3-way dimmer with mechanical switches.

**XX**<sup>1</sup>: Architectural matte White (WH) and Beige (BE), see pg. 45 (1-gang wallplate included)

All models must be derated if ganged, unless otherwise noted, see pg. 179.

## Connections overview

### Load connections\*



Incandescent/  
Halogen



Incandescent/  
Halogen  
Dimmer

### Control types (for 2 or more locations)

Dim from one location, switch from the others



Light  
Source



3-way  
Dimmer



3-way  
Switch



Light  
Source



3-way  
Dimmer



4-way  
Switch  
(1 or more)



3-way  
Switch

[Download complete Connection Diagrams](#)

**\*For illustration purposes only.**

Consult model number pages for specific  
voltage and capacity information.

**Accessories**

**Coordinated electrical devices**



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information about coordinated Architectural electrical devices, see pg. 165.






Shown actual size: Maestro dimmer and 1-gang Claro wallplate in White (WH).









### Product family features

- True multi-location dimming from every location
- Tap on to favorite level; tap off; tap twice for full on; touch rocker to adjust light level
- LEDs indicate light level and glow softly in the dark
- Delayed off provides light as you exit the room
- Line frequency compensation maintains stable light levels despite power line frequency and voltage variations
- Programming allows customized functions
- C•L® model available—see pg. 01 for details
- eco-dim®, eco-minder™ and eco-timer models available
- Mechanical air-gap to disconnect load power
- Coordinating Claro®, Satin Colors®, and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates; see pg. 164

### Control types

-  Single-pole (one location)
-  3-way—available for C•L and occupancy sensing switch version (two locations)
-  Multi-location dimming from every location (up to 10 locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Dimmable CFL/LED lighting (screw-base)
-  Magnetic low-voltage lighting
-  Electronic low-voltage lighting
-  Fluorescent lighting
-  LED lighting
-  Ceiling fans
-  Ceiling fan/lights

### Load type requiring load interface

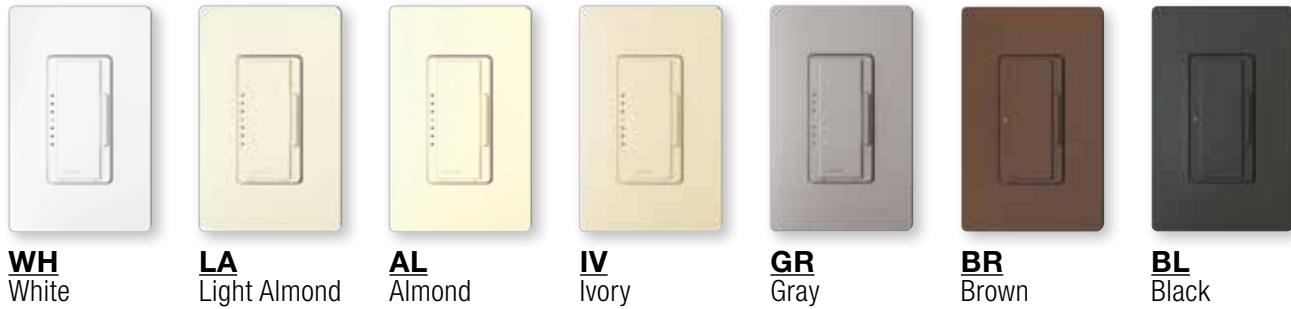
Lighting load interfaces may be applicable for some load type, voltage, and capacity combinations. For additional information, see pg. 185.

[Download Maestro specification submittal](#)  
[Download Maestro C•L specification submittal](#)  
[Download high resolution product image](#)

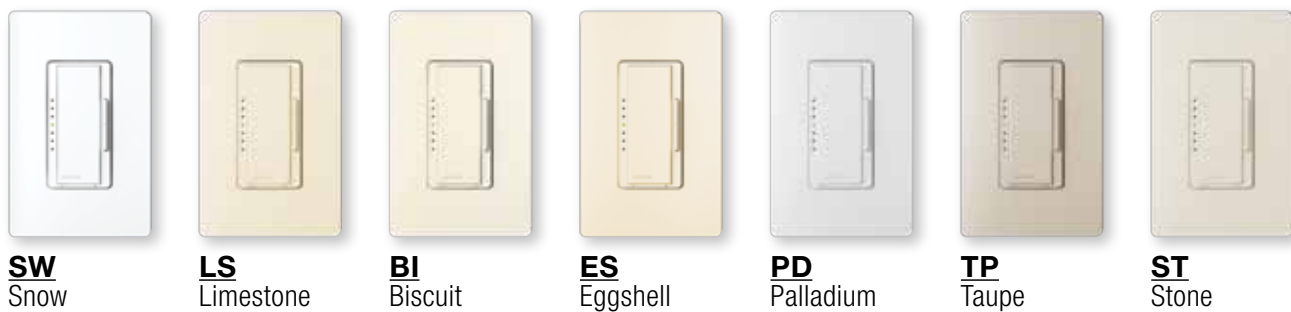
**Available finishes**

Use **BOLD** color code in model number (Example: MA-600-**BR**)

Gloss finishes\*



Satin finishes\*



\*Coordinating wallplates only available separately. For wallplate information, see pg. 172.

Stainless Steel wallplate includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

## Digital fade dimmers



- Provides true dimming from each location (with companion dimmers)
- C•L® dimmers provide reliable dimming of dimmable CFLs/LEDs, as well as halogens and incandescents



### Incandescent/halogen dimmers



### Dimmable CFL (screw-base) dimmers



### Dimmable LED (screw-base) dimmers

#### C•L dimmer\*\*

Multi-location/3-way/ single-pole 120V 600W (INC) 150W (CFL or LED)	MACL-153M- <b>XX</b> <sup>1</sup>
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Visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled) for an approved list of dimmable CFL/LED lamps, and how to calculate wattage when mixing lamp types.



### Incandescent/halogen dimmers

#### Digital fade dimmers\*\*

Multi-location/single-pole 120V 600W	MA-600- <b>XX</b> <sup>2</sup>
Multi-location/single-pole 120V 600W	MSC-600M- <b>XX</b> <sup>3</sup>
Multi-location/single-pole 120V 1000W	MA-1000- <b>XX</b> <sup>2</sup>
Multi-location/single-pole 120V 1000W	MSC-1000M- <b>XX</b> <sup>3</sup>

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 50

**XX**<sup>2</sup>: Gloss color codes, see pg. 50

**XX**<sup>3</sup>: Satin Colors codes, see pg. 50  
(Wallplates not included.  
Order separately, see pg. 169)

For more information on Lutron ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*Requires neutral wire connection.

\*\*Minimum load required, see specification submittal.



### Magnetic low-voltage dimmers

#### Digital fade dimmers\*\*

Multi-location/single-pole 120V 600 VA (450W)	MALV-600- <b>XX</b> <sup>2</sup>
Multi-location/single-pole 120V 600 VA (450W)	MSCLV-600M- <b>XX</b> <sup>3</sup>
Multi-location/single-pole 120V 1000 VA (800W)	MALV-1000- <b>XX</b> <sup>2</sup>
Multi-location/single-pole 120V 1000 VA (800W)	MSCLV-1000M- <b>XX</b> <sup>3</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load.

The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.



### Electronic low-voltage dimmers\*

#### Digital fade dimmers\*\*

Multi-location/single-pole 120V 600W	MAELV-600- <b>XX</b> <sup>2</sup>
Multi-location/single-pole 120V 600W	MSCELV-600M- <b>XX</b> <sup>3</sup>

Only certain LED drivers are dimmable using an ELV dimmer; for more information visit [www.lutron.com/LED](http://www.lutron.com/LED).



### 3-wire fluorescent dimmers\*



#### (also for Hi-lume® A-Series LED drivers\*)

#### Digital fade dimmers

Multi-location/single-pole 120V 6A	MAF-6AM- <b>XX</b> <sup>2</sup>
Multi-location/single-pole 120V 6A	MSCF-6AM- <b>XX</b> <sup>3</sup>
Multi-location/single-pole 277V 6A	MAF-6AM-277- <b>XX</b> <sup>2</sup>
Multi-location/single-pole 277V 6A	MSCF-6AM-277- <b>XX</b> <sup>3</sup>

For use with Hi-lume, Hi-lume3D, and EcoSystem® ballasts, and Hi-lume A-Series LED driver

For more information on Hi-lume A-series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

No derating required if ganged.

Adjustable low-end trim.

### Digital eco-minder™/eco-dim® fade dimmers



eco-minder

- eco-dim model guarantees at least 15% energy savings and triples lamp life compared to a standard switch†
- eco-minder green LED demonstrates 15% or more energy savings compared to a standard switch
- Dimmer advanced programming features available

### Incandescent/halogen dimmers

#### eco-dim digital fade dimmer\*\*†

Multi-location/single-pole 120V 600W	MA-600G- <b>XX</b> <sup>4</sup>
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#### eco-minder digital fade dimmer\*\*

Multi-location/single-pole 120V 600W	MA-600I- <b>XX</b> <sup>4</sup>
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### Digital switches



- For multi-location switching, use one Maestro multi-location switch with Maestro companion switches
- Tap switch on/off

### Switches

#### Digital switches

Multi-location/single-pole* 120V 8A light or 3A fan	MA-S8AM- <b>XX</b> <sup>2</sup>
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Multi-location/single-pole* 120V 8A light or 3A fan	MSC-S8AM- <b>XX</b> <sup>3</sup>
--	----------------------------------

Rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, non-dim fluorescent ballasts, general purpose fans, and most non-dim LED drivers.

Multi-location/single-pole* 277V 6A light	MAF-S6AM-277- <b>XX</b> <sup>2</sup>
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Multi-location/single-pole* 277V 6A light	MSCF-S6AM-277- <b>XX</b> <sup>3</sup>
--	---------------------------------------

Rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, non-dim fluorescent ballasts, and most non-dim LED drivers.

**XX**<sup>2</sup>: Gloss colors codes, see pg. 50  
**XX**<sup>3</sup>: Satin Colors® codes, see pg. 50  
**XX**<sup>4</sup>: Available in Gloss White (WH), Ivory (IV), Almond (AL), Light Almond (LA), see pg. 50 (Wallplates not included. Order separately, see pg. 169)

For more information on Lutron ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*Requires neutral wire connection.

\*\*Minimum load required, see specification submittal.

†Maximum light output of 85% guarantees 15% energy savings over standard switches.

## Countdown timer switches

(5–60 minutes/full on)



- Use with exhaust fans to reduce moisture, mold, and mildew in bathrooms
- Use with lighting
- Tap on to start timer; tap off; tap twice for untimed on
- Touch rocker to adjust countdown time
- One minute warning before lights/fan go off
- Top LED is full on with no timer action
- Timer advanced programming features available

## Countdown eco-timer switches

(1–30 minutes)



- Use with exhaust fans to reduce moisture, mold, and mildew in bathrooms
- Use with lighting
- Tap on to start timer; tap off
- Touch rocker to adjust countdown time
- One minute warning before lights/fan go off
- **Timer always turns off; no full on option**
- Timer advanced programming features available

### Timers

#### Countdown timer control switch (5–60 minutes/full on)\*\*

Single-pole, no neutral required      MA-T51-**XX**<sup>1</sup>  
120V 600W/VA (5 A) on/off lighting load  
(incandescent/halogen, MLV)  
OR 3A general purpose fan(s)

Multi-location/single-pole\*      MA-T51MN-**XX**<sup>1</sup>  
120V 600W/VA (5 A) on/off lighting load  
(incandescent/halogen, MLV, ELV, fluorescent)  
OR 3A general purpose fan(s)

Use MA-T51MN- with a companion switch (MA-AS- or MSC-AS-) for multi-location switching.

### Timers

#### Countdown eco-timer control switch (1–30 minutes)\*\*

Single-pole      MA-T530G-**XX**<sup>2</sup>  
120V 600W/VA (5 A) on/off lighting load  
(incandescent/halogen, MLV)  
OR 3A general purpose fan(s)

**XX<sup>1</sup>**: Gloss and Satin Colors® codes, see pg. 50  
**XX<sup>2</sup>**: Available in Gloss White (WH), Ivory (IV), Almond (AL), Light Almond (LA), see pg. 50 (Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*Requires neutral wire connection.  
\*\*Minimum load required, see specification submittal.



### Dual dimmers

(two loads)



#### Dimmers (top/bottom)

- Replacement for stacked switches
- Tap on to favorite light level; tap off
- Tap twice for full on
- Touch rocker to adjust light level
- Single location only
- Dimmer advanced programming features available

### Dual dimmer/switch

(two loads)



#### Dimmer (top)

- Replacement for stacked switches
- Tap on to favorite light level; tap off
- Tap twice for full on
- Touch rocker to adjust light level
- Dimmer advanced programming features available

#### Switch (bottom)

- Tap switch on/off
- Single location only

### Incandescent/halogen dimmer and Incandescent/halogen dimmer\*\*

#### Dual dimmers (two loads)

Single-pole	MA-L3L3- <b>XX</b> <sup>1</sup>
120V 300W light (top)	
Incandescent/halogen	
120V 300W light (bottom)	
Incandescent/halogen	

### Incandescent/halogen dimmer and switch\*\*

#### Dual dimmer/switch (two loads)

Single-pole	MA-L3S25- <b>XX</b> <sup>1</sup>
120V 300W light (top)	
Incandescent/halogen	
2.5A switch (bottom)	
Lighting load and/or general purpose fan(s)	

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 50  
(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*\*Minimum load required, see specification submittal.

### Dual dimmer/countdown timer switch

(two loads)



**Dimmer** (top)

- Tap on to favorite light level; tap off; tap twice for full on
- Touch rocker to adjust light level
- Dimmer advanced programming features available

**Timer switch** (bottom)

- Tap on to start timer; tap off; tap twice for untimed on
- Touch rocker to adjust countdown time from 5–60 minutes
- One minute warning before lights go off
- Top LED is full on with no timer action
- Single location only
- Timer advanced programming features available

### Companion dimmers



- For true multi-location dimming from every location; use up to nine companion dimmers with only one Maestro multi-location dimmer
- Use standard single-pole and 3-way wiring

#### Companion controls

##### Companion dimmers

Companion dimmer 120V	MA-R- <b>XX</b> <sup>2</sup>
Companion dimmer 120V	MSC-AD- <b>XX</b> <sup>3</sup>
Companion dimmer 277V	MA-R-277- <b>XX</b> <sup>2</sup>
Companion dimmer 277V	MSC-AD-277- <b>XX</b> <sup>3</sup>

No derating required if ganged.

#### Incandescent/halogen dimmer and timer switch\*\*

##### Dual dimmer/timer switch (two loads)

Single-pole 120V 300W light (top) Incandescent/halogen 2.5A timer switch (bottom) Lighting load and/or general purpose fan(s)	MA-L3T251- <b>XX</b> <sup>1</sup>
---	-----------------------------------

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 50  
**XX**<sup>2</sup>: Gloss color codes, see pg. 50  
**XX**<sup>3</sup>: Satin Colors codes, see pg. 50  
 (Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*\*Minimum load required, see specification submittal.

## Dimmers with sensor



- Adjustable timeout—1, 5, 15, or 30 minutes
- Occupancy/vacancy version can be easily programmed to work as vacancy (manual-on) sensor
- 180° field-of-view
- Uses standard single-pole and 3-way wiring
- Vacancy models meet California Title 24 Section 119(j) requirements
- Standard Maestro dimmer features: locked preset, fade-to-on and fade-to-off
- Works with up to nine companion dimmers
- **eco-dim®** model guarantees at least 15% energy savings compared to a standard switch<sup>†</sup>
- See pg. 137 for more details on dimmers with sensors

### 💡 Incandescent/halogen\*\*

#### Digital fade dimmer with occupancy/vacancy sensor

Multi-location/single-pole	MS-OP600M- <b>XX</b> <sup>1</sup>
120V 600W	

#### eco-dim digital fade dimmer with occupancy/vacancy sensor<sup>†</sup>

Multi-location/single-pole	MS-OP600GHW- <b>XX</b> <sup>4</sup>
120V 600W	

#### Digital fade dimmer with vacancy sensor

Multi-location/single-pole	MS-VP600M- <b>XX</b> <sup>1</sup>
120V 600W	

#### eco-dim digital fade dimmer with vacancy sensor<sup>†</sup>

Multi-location/single-pole	MS-VP600GHW- <b>XX</b> <sup>4</sup>
120V 600W	

**XX**<sup>1</sup>: Gloss and Satin Color® codes, see pg. 50

**XX**<sup>4</sup>: Available in Gloss White (WH), Ivory (IV), Almond (AL), Light Almond (LA), see pg. 50 (Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*\*Minimum load required, see specification submittal.

<sup>†</sup>Maximum light output of 85% guarantees 15% energy savings over standard switches.

## Switches with sensor



- Adjustable timeout—1, 5, 15, or 30 minutes
- Occupancy/vacancy version can be easily programmed to work as vacancy (manual-on) sensor
- 180° field-of-view
- Uses standard single-pole and 3-way wiring
- Vacancy models meet California Title 24 Section 119(j) requirements
- 6 A (120/277 V) switch controls: incandescent, halogen, MLV, ELV, non-dim fluorescent (neutral required), and general purpose fans
- 2 A and 5 A switches control: incandescent, halogen, MLV, ELV, and non-dim fluorescent
- 5 A controls general purpose fans
- Works with up to nine companion switches
- See pg. 137 for more details

## ▲ Switches

### Switch with occupancy/vacancy sensor

Single-pole	MS-OPS2- <b>XX</b> <sup>1</sup>
120V 2A lighting	
Multi-location/3-way/ single-pole	MS-OPS5M- <b>XX</b> <sup>1</sup>
120V 5A lighting	
1/10HP @ 120V 3A fan	

### Dual voltage switch with occupancy/vacancy sensor

Multi-location/3-way/ single-pole	MS-OPS6M2-DV- <b>XX</b> <sup>1</sup>
120V or 277V 6A lighting	
1/10HP @ 120V 3A fan	
Multi-location/3-way/ single-pole	MS-OPS6M2N-DV- <b>XX</b> <sup>1*</sup>
120V or 277V 6A lighting	
1/10HP @ 120V 3A fan	

### Switch with vacancy sensor\*

Single-pole	MS-VPS2- <b>XX</b> <sup>1</sup>
120V 2A lighting	
Multi-location/3-way/ single-pole	MS-VPS5M- <b>XX</b> <sup>1</sup>
120V 5A lighting	
1/10HP @ 120V 3A fan	

### Dual voltage switch with vacancy sensor

Multi-location/3-way/ single-pole	MS-VPS6M2-DV- <b>XX</b> <sup>1</sup>
120V or 277V 6A lighting	
1/10HP @ 120V 3A fan	
Multi-location/3-way/ single-pole	MS-VPS6M2N-DV- <b>XX</b> <sup>1*</sup>
120V or 277V 6A lighting	
1/10HP @ 120V 3A fan	

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 50  
(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

**\*Requires neutral wire connection.**

**\*\*Minimum load required, see specification submittal.**

### Companion switches



- For use with multi-location switches; use up to nine Maestro companion switches with only one Maestro multi-location switch
- Can be used with multi-location countdown timer switch
- Use standard single-pole and 3-way wiring

### Digital fan controls



- Multi-location, fan only
- Controls up to four fans
- One canopy module included; order one canopy module (CM-FQ1) for each additional fan controlled, see pg. 59
- 7-quiet fan speeds, plus off
- Designed to prevent motor hum

### Companion controls

#### Companion switches

Companion switch 120V	MA-AS- <b>XX</b> <sup>2</sup>
Companion switch 120V	MSC-AS- <b>XX</b> <sup>3</sup>
Companion switch 277V	MA-AS-277- <b>XX</b> <sup>2</sup>
Companion switch 277V	MSC-AS-277- <b>XX</b> <sup>3</sup>

No derating required if ganged.

### Fan controls

#### Digital fan controls—quiet 7-speed

Multi-location 120V, up to 4 canopy modules (1 A each)	MA-FQ4FM- <b>XX</b> <sup>1</sup>
Multi-location package 120V, up to 4 canopy modules (1 A each)	MA-FQ3- <b>XX</b> <sup>1</sup>

All above include one wall-mounted fan control and one fan-mounted canopy module. Wallplates sold separately.

Multi-location package (MA-FQ3-) also includes companion fan control (MA-AFQ4). Wallplates sold separately.

No derating required if ganged.

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 50

**XX**<sup>2</sup>: Gloss color codes, see pg. 50

**XX**<sup>3</sup>: Satin Colors codes, see pg. 50

(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*Requires neutral wire connection.

\*\*Minimum load required, see specification submittal.

### Fan/light controls



**Dimmer** (top)

- Tap on to favorite light level; tap off
- Tap twice for full on
- Touch rocker to adjust light level

**Fan control** (bottom)

- Tap on to favorite fan speed; tap off
- Touch rocker to adjust fan speed
- 7 quiet fan speeds, plus off, provide enhanced comfort
- Designed to prevent motor hum
- For use with only one fan/light

### Canopy modules

(fan mounted)



- For use only in multi-fan applications with MA-FQ4FM; see pg. 58
- Order one canopy module for each additional fan controlled
- Use up to three additional fan-mounted canopy modules for up to four fans total (controlled as one group)

**Fan/light controls**

**Fan/light control—quiet 7-speed**

Single-pole MA-LFQHW-WH  
 120V 300W light (top)  
 Incandescent/halogen  
 1 canopy module for up to 1 A fan (bottom)

Multi-location MA-LFQM-**XX**<sup>1</sup>  
 120V 300W light (top)  
 Incandescent/halogen  
 1 canopy module for up to 1 A fan (bottom)

All above include the necessary wall-mounted fan/light control and one fan-mounted canopy module.

Single-pole model includes wallplate.

Multi-location model may be used with up to two companion fan/light controls (MA-ALFQ35-), see pg. 60. Wallplates sold separately.

No derating required if ganged.

**Fan controls**

**Canopy modules (fan-mounted)**

Canopy module	CM-FQ1
120V 1A	

All Maestro fan controls and fan/light controls include one canopy module for control of one fan.

One additional canopy module (CM-FQ1) required for each additional fan—up to four fans total.

**XX<sup>1</sup>**: Gloss and Satin Color® codes, see pg. 50  
 (Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

### Companion fan controls



- For use with multi-location control; use up to two companion fan controls with one Maestro digital fan control

### Companion fan/light controls



- For use with multi-location control; use up to two companion controls with one Maestro multi-location fan/light control (MA-LFQM)

#### ✂ Fan controls

##### Companion fan control

Companion fan control	MA-AFQ4- <b>XX</b> <sup>1</sup>
120V	

Use up to two wall-mounted companion fan controls with one MA-FQ4FM or MIR-FQ4FM- for multi-location fan control.

No derating required if ganged.

#### ✂ Fan controls

##### Companion fan/light control

Companion fan/light control	MA-ALFQ35- <b>XX</b> <sup>1</sup>
120V	

Use up to two wall-mounted controls with only one Maestro multi-location fan/light control.

No derating required if ganged.

### Maestro advanced programming features

#### Dimmer

- Adjusting fade on/ fade off time
- Locked preset lighting level

#### Timer

- Bypass timer option
- Locked preset lighting level

#### Sensor

- Adjust timeout duration
- Off warning feature (dimmer version only)
- Sensor sensitivity
- Auto-on feature (occupancy models only)
- Standard dimmer advanced features

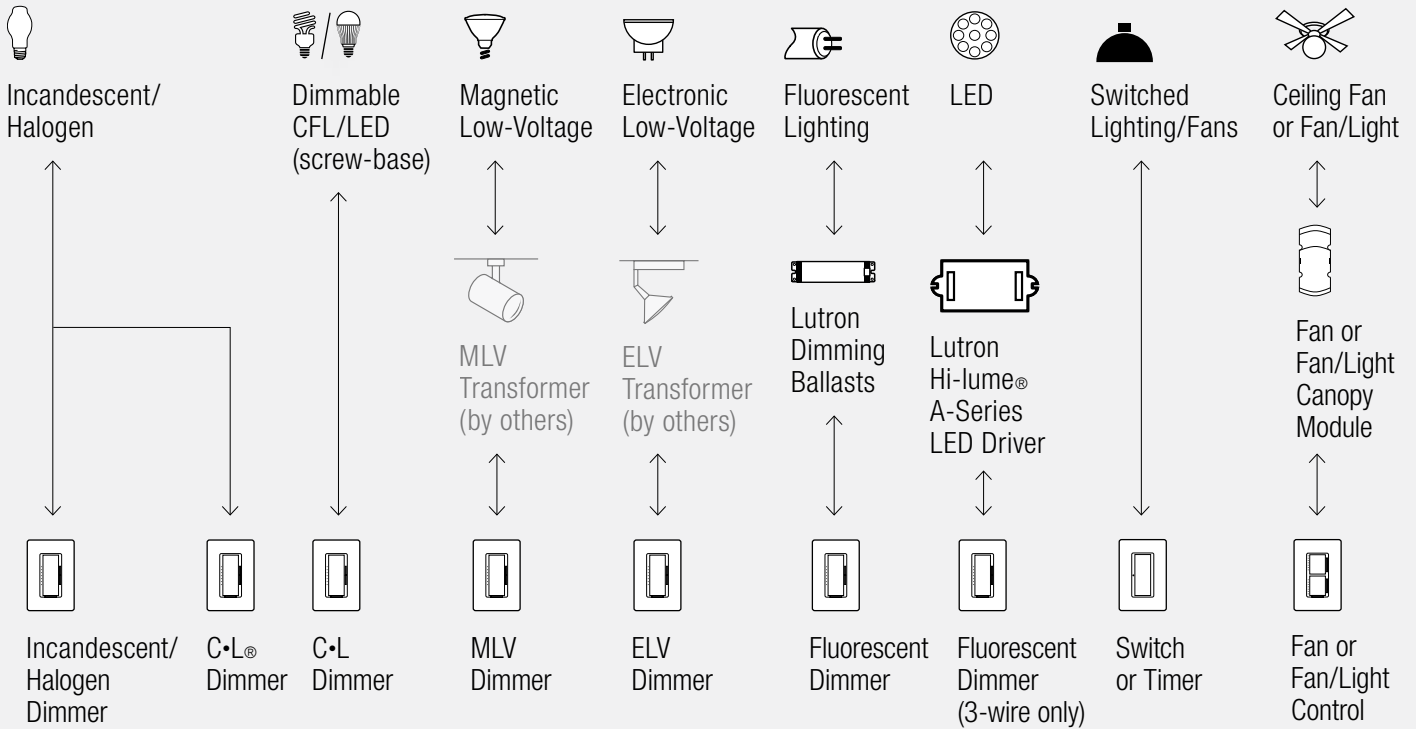
Maestro advanced programming manual (Application Note #124) is available at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

**XX**<sup>1</sup>: Gloss and Satin Color® codes, see pg. 50 (Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

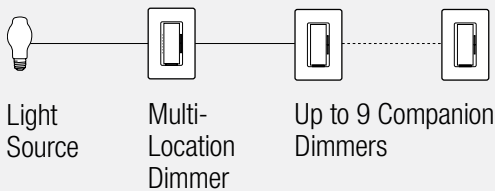
Connections overview

Load connections\*

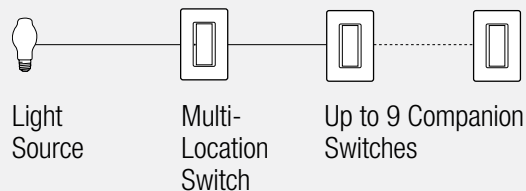


Control types (for 2 or more locations)

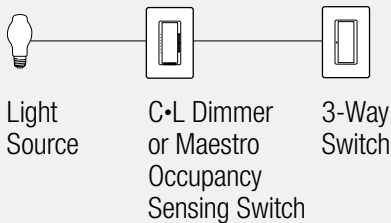
Dim from multiple locations (up to 10)



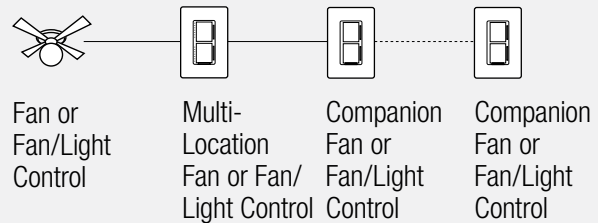
Switch from multiple locations (up to 10)



Dim from one location, switch from others from up to 3 locations



Fan or fan/light control from up to 3 locations



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**\*For illustration purposes only.**

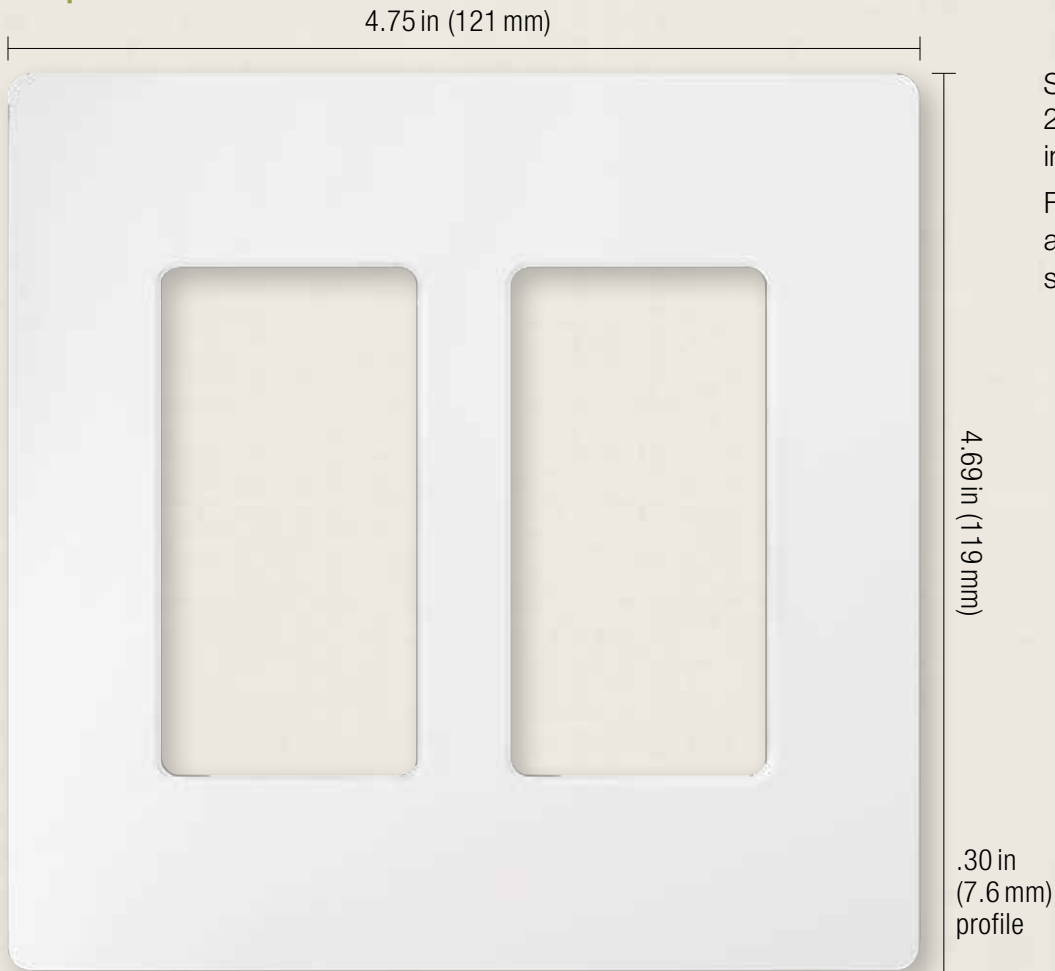
Consult model number pages for specific voltage and capacity information.

Download complete Connection Diagrams



## Accessories

### Wallplates



Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

For more information  
about Designer wallplates,  
see pg. 169.

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle

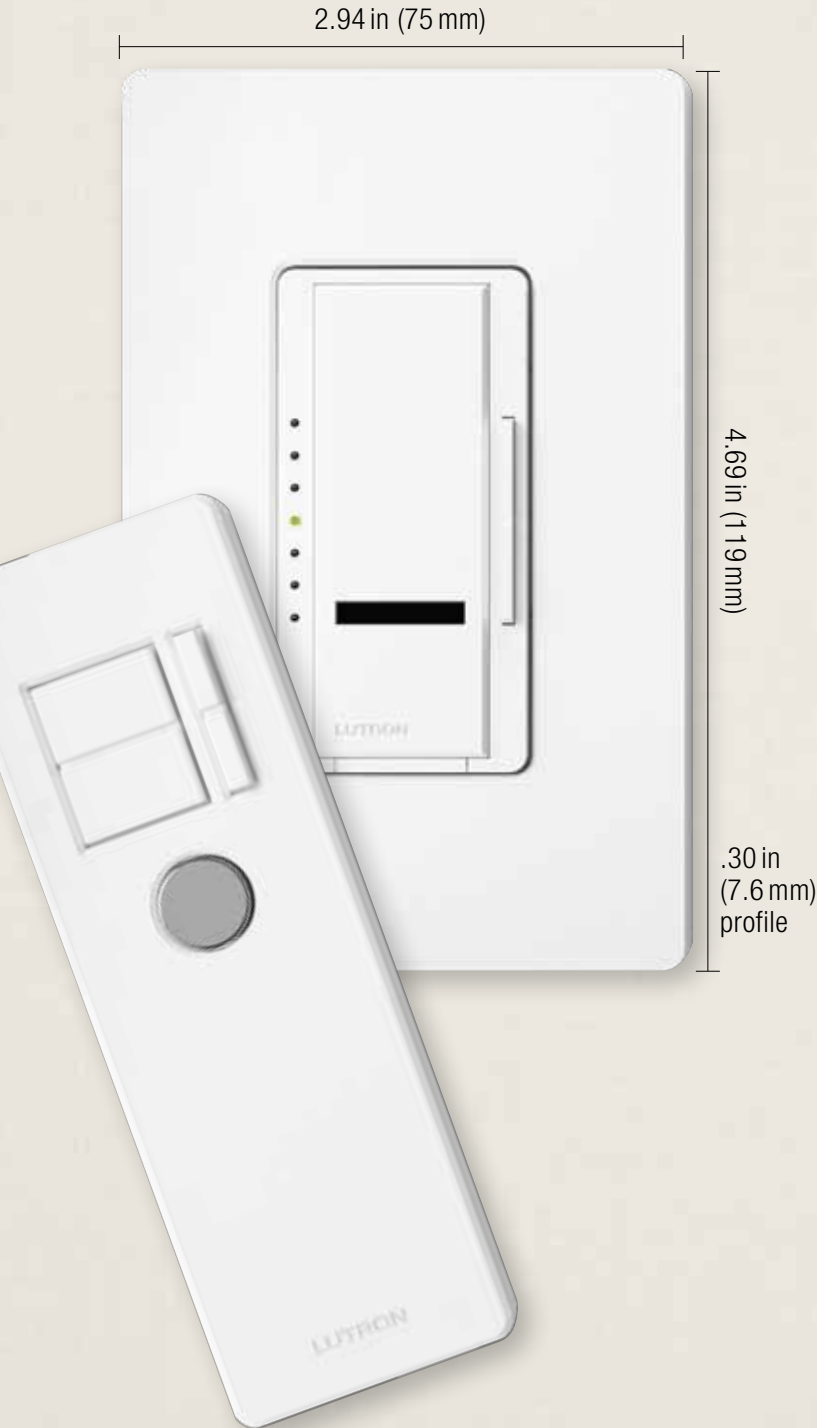


Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.





Shown actual size: Maestro IR dimmer and a 1-gang Claro wallplate in White (WH).

Shown actual size: IR transmitter in White (WH),  
W: 1.5 in (38.1 mm) x H: 4.625 in (117.5 mm) x  
D: .55 in (14 mm).






### Product family features

- True multi-location dimming from every location
- Use the infrared (IR) remote control to adjust lights from anywhere in the room—up to 30 ft line-of-sight
- Tap on to favorite level; tap off; tap twice for full on
- Touch rocker to adjust light level
- LEDs indicate light level and glow softly in the dark as a locator light
- Delayed off provides light as you exit the room
- Line frequency compensation maintains stable light levels despite power line frequency and voltage variations
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Programming allows customized functions
- All models fit in 1-gang electrical backbox
- Coordinating Claro®, Satin Colors®, and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates; see pg. 164

### Control types

-  Single-pole (one location)
-  Multi-location dimming (up to 10 locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Electronic low-voltage lighting
-  Ceiling fan controls
-  Ceiling fan/light controls

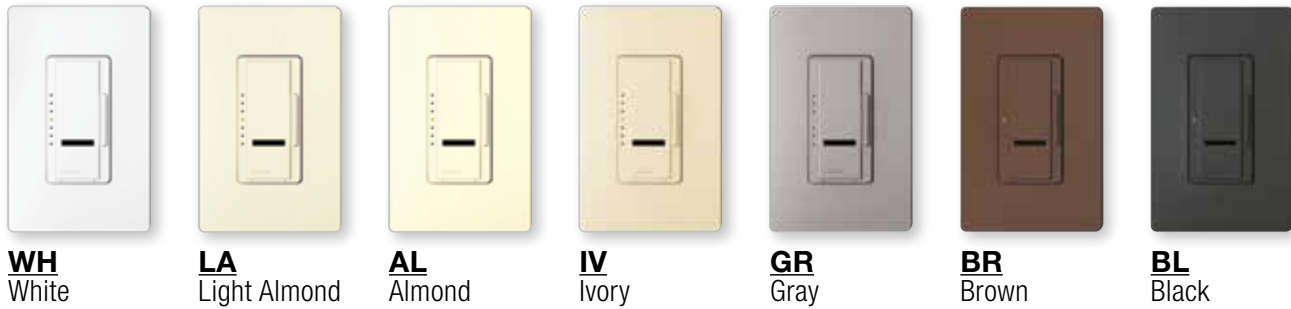
Lighting load interfaces are not compatible with this family.

[Download specification submittal](#)  
[Download high resolution product image](#)

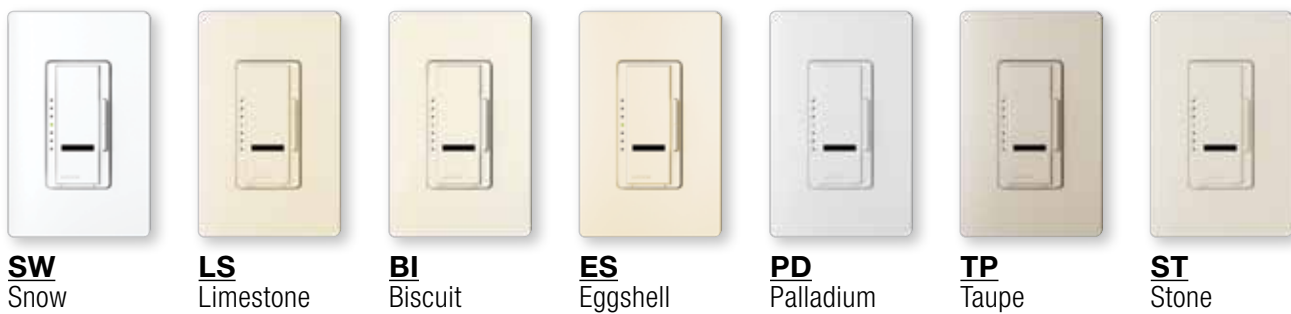
**Available finishes**

Use **BOLD** color code in model number (Example: MIR-600-**LS**)

Gloss finishes\*



Satin finishes\*



\*Coordinating wallplates only available separately. For wallplate information, see pg. 169.

Stainless Steel wallplate includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

### Digital fade dimmers



- Provides true dimming from each location (with companion dimmers)
- Tap on to favorite level; tap off
- Touch rocker to adjust light level
- Tap twice for full on
- Press, hold and release for gradual fade-to-off

### Incandescent/halogen dimmers\*\*

#### Remote control digital fade dimmers

Single-pole 120V 600W	MIR-600- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	MIR-1000- <b>XX</b> <sup>1</sup>
Multi-location 120V 600W	MIR-600M- <b>XX</b> <sup>1</sup>
Multi-location 120V 1000W	MIR-1000M- <b>XX</b> <sup>1</sup>

#### Dimmers with one IR remote control

Single-pole 120V 600W	MIR-600T- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	MIR-1000T- <b>XX</b> <sup>1</sup>
Multi-location 120V 600W	MIR-600MT- <b>XX</b> <sup>1</sup>
Multi-location 120V 1000W	MIR-1000MT- <b>XX</b> <sup>1</sup>

#### Dimmer, one IR remote control and one wallplate

Single-pole 120V 600W	MIR-600THW- <b>XX</b> <sup>2</sup>
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#### Dimmer, one IR remote control, companion dimmer, and two wallplates

Multi-location 120V 600W	MIR-603THW- <b>XX</b> <sup>2</sup>
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### Magnetic low-voltage dimmers\*\*

#### Remote control digital fade dimmers

Single-pole 120V 600 VA (450W)	MIRLV-600- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000 VA (800W)	MIRLV-1000- <b>XX</b> <sup>1</sup>
Multi-location 120V 600 VA (450W)	MIRLV-600M- <b>XX</b> <sup>1</sup>
Multi-location 120V 1000 VA (800W)	MIRLV-1000M- <b>XX</b> <sup>1</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

### Electronic low-voltage dimmers\*

#### Remote control digital fade dimmers

Single-pole 120V 600W	MIRELV-600- <b>XX</b> <sup>1</sup>
Multi-location 120V 600W	MIRELV-600M- <b>XX</b> <sup>1</sup>

Only certain LED drivers are dimmable using an ELV dimmer; for more information, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 64  
**XX**<sup>2</sup>: Gloss color codes, see pg. 64  
 (Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*Requires neutral wire connection.

\*\*Minimum load required, see specification submittal.

### Digital fan controls



- Multi-location, fan only
- Controls up to four fans
- One canopy module included; order one canopy module (CM-FQ1) for each additional fan controlled
- 7 quiet fan speeds, plus off
- Designed to prevent motor hum

### Digital fan/light controls



- Dimmer** (top)
  - Tap on to favorite light level; tap off
  - Tap twice for full on
  - Touch rocker to adjust light level
- Fan control** (bottom)
  - Tap on to favorite fan speed; tap off
  - Touch rocker to adjust light level or fan speed
  - 7 quiet fan speeds, plus off provide enhanced comfort
  - Designed to prevent motor hum
  - For use with only one fan/light

#### ✂ Fan controls

##### Digital fan control—quiet 7-speed

Multi-location/single-pole      MIR-FQ4FM-**XX**<sup>1</sup>  
120V up to 4 canopy modules (1 A each)

Multi-location/single-pole      MIR-FQ4FMT-**XX**<sup>1</sup>  
fan package  
120V up to 4 canopy modules (1 A each)

All above include one wall-mounted fan control and one fan-mounted canopy module. Wallplates sold separately.

MIR-FQ4FMT- model includes one IR remote control.

No derating required if ganged.

Models may be used with up to two companion fan controls (MA-ALFQ4-).

#### ✂ Fan/light controls

##### Fan/light control—quiet 7-speed and dimmer

Single-pole      MIR-LFQTHW-**XX**<sup>1</sup>  
120V 300W light (top)  
1 canopy module for up to 1 A fan (bottom)

Multi-location      MIR-LFQMT-**XX**<sup>1</sup>  
120V 300W light (top)  
1 canopy module for up to 1 A fan (bottom)

All above include one wall-mounted fan/light control, one fan-mounted canopy module, and one IR remote control (MIR-ITFS-LF-WH).

No derating required if ganged.

MIR-LFQTHW- model includes wallplate.

Multi-location model may be used with up to two companion fan/light controls (MA-ALFQ35-).

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 64  
(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

### Canopy module

(fan-mounted)



- For use in multi-fan applications with MIR-FQ4FMT or MIR-FQ4FM-
- Order one canopy module for each additional fan controlled
- Use up to three additional fan-mounted canopy modules for up to four fans total (controlled as one group)

### Companion fan controls



- For use with multi-location control; use up to two companion fan controls with one Maestro IR digital fan control

#### Companion fan control

Companion fan control	MA-AFQ4- <b>XX</b> <sup>1</sup>
120V	

Use up to a maximum of two wall-mounted companion fan controls (MIR-FQ4FMT- or MIR-FQ4FM-) for multi-location control.

No derating required if ganged.

#### Fan/light controls

##### Canopy module (fan-mounted)

Canopy module	CM-FQ1
---------------	--------

All Maestro fan and fan/light controls include one canopy module for control of one fan.

One additional canopy module required for each additional fan—up to four total.

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 64

**XX**<sup>2</sup>: Gloss color codes, see pg. 64

**XX**<sup>3</sup>: Satin Colors codes, see pg. 64

(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

### Companion dimmers



- For true multi-location dimming from every location; use up to nine companion dimmers with one Maestro IR multi-location dimmer

### Companion fan/light controls



- For true multi-location dimming; use up to two companion controls with one Maestro multi-location fan/light control (MA-LFQM)

#### Companion controls

##### Companion dimmer

Companion dimmer	MA-R- <b>XX</b> <sup>3</sup>
120V	

Companion dimmer	MSC-AD- <b>XX</b> <sup>4</sup>
120V	

No derating required if ganged.

#### Companion controls

##### Companion fan/light control

Companion fan/light control	MA-ALFQ35- <b>XX</b> <sup>1</sup>
-----------------------------	-----------------------------------

Use up to two wall-mounted controls with only one Maestro multi-location fan/light control.

No derating required if ganged.

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 64

**XX**<sup>2</sup>: Gloss color codes, see pg. 64

**XX**<sup>3</sup>: Satin Colors codes, see pg. 64  
(Wallplates not included. Order separately, see pg. 169)

Satin Colors All models must be derated if ganged unless otherwise noted, see pg. 179.

**\*Requires neutral wire connection.**

### IR remote control



- Press and hold silver button to save your favorite light setting; press silver button to recall favorite light setting
- Touch rocker to adjust light level
- Works with most learning remote controls
- IR controls must be within 30 ft line-of-sight to IR receiver
- IR frequency is 40 kHz
- Batteries included

### Fan-only IR remote control



- Press and hold silver button to save fan setting; press silver button to recall favorite fan setting
- Touch rocker to adjust fan speed
- Works with most learning remote controls
- IR controls must be within 30 ft line-of-sight to IR receiver
- IR frequency is 40 kHz
- Batteries included

#### Companion controls

##### IR remote controls

IR remote control (light only)	MIR-ITFS-WH
-----------------------------------	-------------

Must be within 30 ft line-of-sight to IR receiver.

#### Companion controls

##### IR remote controls

IR remote control (fan only)	MIR-ITFS-F-WH
---------------------------------	---------------

Must be within 30 ft line-of-sight to IR receiver.



## IR remote control for fan/light



- Press and hold top silver button to save your favorite light setting; press top silver button to recall favorite light setting
- Press and hold bottom silver button to save your favorite fan setting; press bottom silver button to recall favorite fan setting
- Touch rockers to adjust light level or fan speed
- IR controls must be within 30ft line-of-sight to IR receiver
- IR frequency is 40 kHz
- Batteries included

### Companion controls

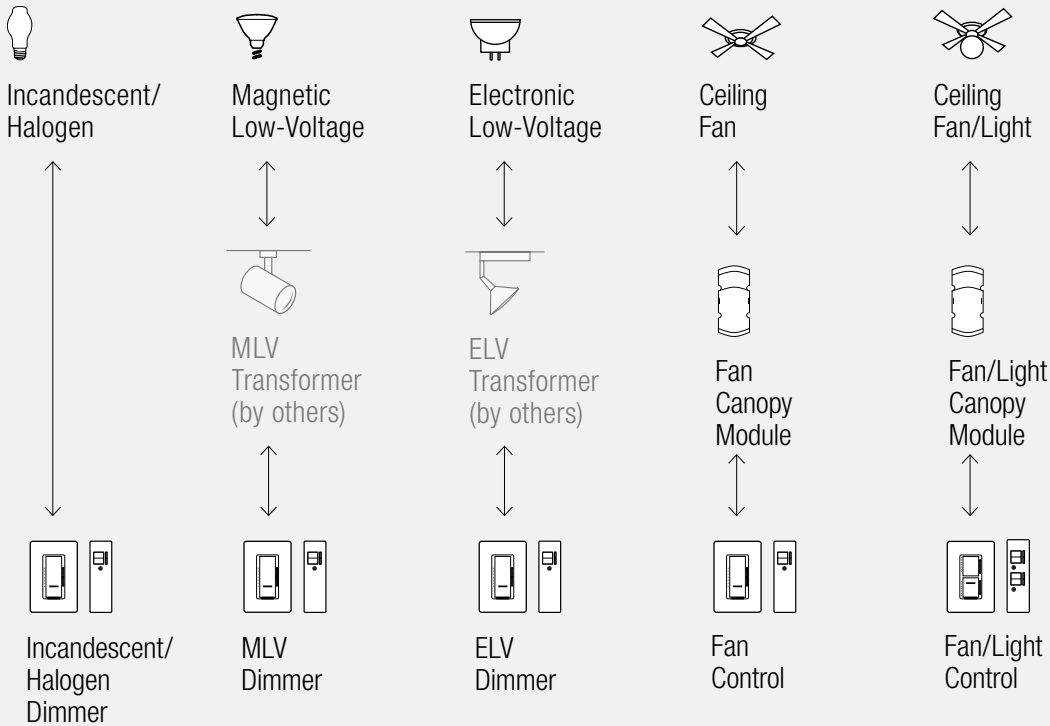
#### IR remote controls

IR remote control (fan/light)	MIR-ITFS-LF-WH
----------------------------------	----------------

Must be within 30ft line-of-sight to IR receiver.

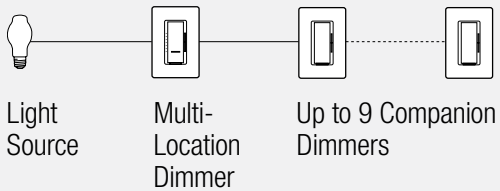
Connections overview

Load connections\*

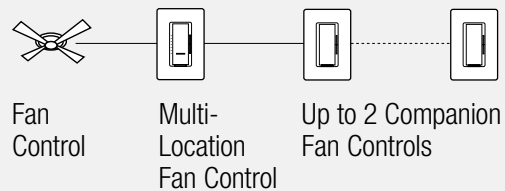


Control types (for 2 or more locations)

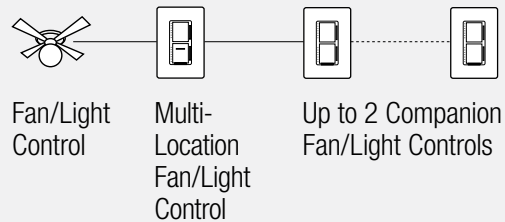
Dim from multiple-locations (up to 10)



Fan control from up to 3 locations



Fan/light control from up to 3 locations

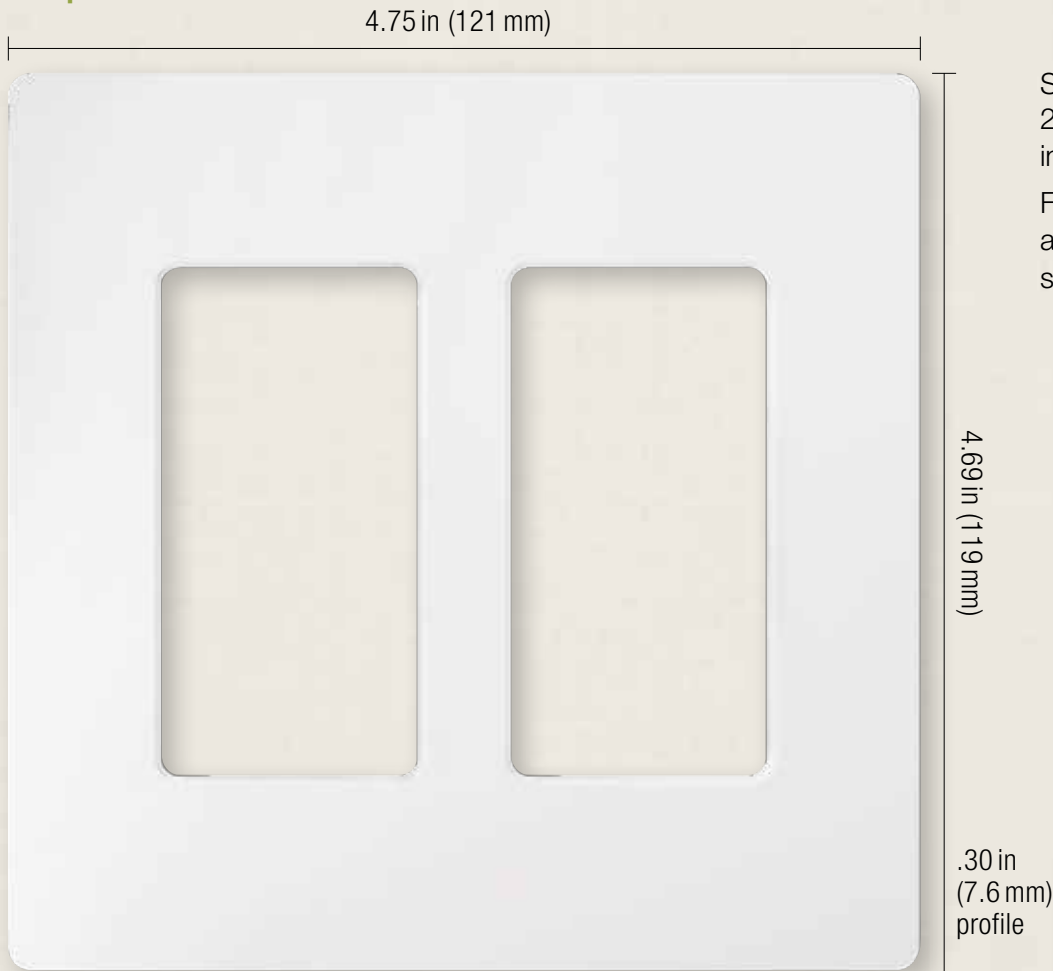


**\*For illustration purposes only.**  
Consult model number pages for specific voltage and capacity information.

[Download complete Connection Diagrams](#)

## Accessories

### Wallplates



Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

For more information  
about Designer wallplates,  
see pg. 169.

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.



Shown actual size: Maestro Wireless dimmer and 1-gang Claro wallplate in White (WH).

Shown actual size: Pico wireless control in White (WH), W: 1.25 in (31.75 mm) x H: 2.63 in (66.68 mm) x D: .33 in (8 mm). For details, see pg. 151

### Product family features

- Uses Lutron Clear Connect® Radio Frequency (RF) technology, which provides reliable RF communication with Pico® wireless controls (see pg. 151) and Radio Powr Savr™ wireless sensors (see pg. 143, 147)
- Combine up to 10 wireless devices (dimmers, switches, sensors and/or wireless controls)
- True multi-location dimming from every location
- Tap on to favorite level; tap off; tap twice for full on
- Touch rocker to adjust light level
- Delayed off provides light as you exit the room
- Line frequency compensation maintains stable light levels despite power line frequency and voltage variations
- Communicates at 434 MHz frequency
- Mechanical air-gap to disconnect load power
- Coordinating Claro®, Satin Colors®, and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 164

### Control types

- 🔌 Single-pole (one location)
- 🔌🔌🔌 Multi-location dimming (up to 10 locations)
- 🔌📶📱 Wireless multi-location dimming (up to 10 locations)

### Direct load type compatibility

- 💡 Incandescent/halogen lighting
- 💡 Magnetic low-voltage lighting
- 💡 Electronic low-voltage lighting
- 💡 Fluorescent lighting
- 💡 LED lighting

Lighting load interfaces are not compatible with this family.

[Download specification submittal](#)  
[Download high resolution product image](#)

**Available finishes**

Use **BOLD** color code in model number (Example: MRF2-600M-**PD**)

Gloss finishes\*



Satin finishes\*



\*Coordinating wallplates only available separately. For wallplate information, see pg. 169.

Stainless Steel wallplate includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

### Wireless dimmers



- Provides true dimming from each location with companion dimmers or Pico® wireless controls (see pg. 151)
- Tap on to favorite level; tap off
- Tap twice for full on
- Press, hold, and release for delayed fade-to-off
- Touch rocker to adjust light level

### Incandescent/halogen dimmers

#### Digital fade dimmers<sup>†</sup>

Multi-location/single-pole	MRF2-600M- <b>XX</b> <sup>1</sup>
120V 600W	

Multi-location/single-pole	MRF2-600MTHW- <b>XX</b> <sup>2</sup>
Dimmer package	
120V 600W	

MRF2-600MTHW- model includes Pico wireless control and 1-gang wallplate

### Incandescent/halogen or Magnetic low-voltage dimmers

#### Digital fade dimmer<sup>†</sup>

Multi-location/single-pole	MRF2-6MLV- <b>XX</b> <sup>1</sup>
120V 600W/VA	

#### Digital fade dimmers—specification grade

Multi-location/single-pole* <sup>†</sup>	MRF2-6ND-120- <b>XX</b> <sup>1</sup>
120V 600W/VA	

Multi-location/single-pole <sup>†</sup>	MRF2-10D-120- <b>XX</b> <sup>1</sup>
120V 1000W/VA	

The stated W (Watt) rating is the maximum incandescent lamp load. Ratings for MLV loads represent the maximum of the total lamp wattage plus MLV transformer loss (typically 20%).

### Electronic low-voltage dimmers\*

#### Digital fade dimmers<sup>†</sup>

Multi-location/single-pole*	MRF2-6ELV-120- <b>XX</b> <sup>1</sup>
120V 600W	

Only certain LED drivers are dimmable using an ELV dimmer; for more information visit [www.lutron.com/LED](http://www.lutron.com/LED).

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 74

**XX**<sup>2</sup>: Available in Gloss White (WH) and Light Almond (LA)

(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*Requires neutral wire connection.

<sup>†</sup>Minimum load required, see specification submittal.

**3-wire fluorescent dimmers**

**(also for Hi-lume® A-Series LED drivers\*)**

**Digital fade dimmer**

Multi-location/single-pole MRF2-F6AN-DV-**XX**<sup>1</sup>  
120/277V 6A

For use with Hi-lume, Hi-lume 3D, and EcoSystem® ballasts, and Hi-lume A-Series LED drivers

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

Adjustable low-end trim.

Wireless switches



- Tap switch on/off
- For multi-location switching, use Maestro Wireless switch with Maestro companion switches or Pico® wireless control (see pg. 151)

**Switches**

**Digital switch\***

Multi-location/single-pole MRF2-6ANS-**XX**<sup>1</sup>  
120V 6A light or 3A fan

Rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, non-dim fluorescent ballasts, general purpose fans, and most non-dim LED drivers.

**Digital switches—specification grade**

Multi-location/single-pole\* MRF2-8ANS-120-**XX**<sup>1</sup>  
120V 8A light or 5.8A fan (1/4 HP motor)

Multi-location/single-pole\*\* MRF2-8S-DV-**XX**<sup>1</sup>  
120V 8A light or 3A fan or 1/16HP motor  
277V 8A light or 3A fan

Multi-location/single-pole\*\* MRF2-6ANS-277-**XX**<sup>1</sup>  
277V 8A light or 3A fan

Rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, non-dim fluorescent ballasts, general purpose fans, and most non-dim LED drivers.

**XX**<sup>1</sup>: Gloss color codes, see pg. 74  
(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

**\*Requires neutral wire connection.**

**\*\*Minimum load required, see specification submittal.**

### Companion dimmers



- For use with multi-location dimmers only; use up to nine companion dimmers with only one Maestro Wireless multi-location dimmer
- Provides true dimming from every location

### Companion switches



- For use with multi-location switches only, use up to nine Maestro Wireless companion switches with one Maestro Wireless multi-location switch

#### Companion controls

##### Companion dimmers

Companion dimmer 120V	MA-R- <b>XX</b> <sup>1</sup> MSC-AD- <b>XX</b> <sup>2</sup>
Companion dimmer 277V	MA-R-277- <b>XX</b> <sup>1</sup> MSC-AD-277- <b>XX</b> <sup>2</sup>

No derating required if ganged.

#### Companion controls

##### Companion switches

Companion switch 120V	MA-AS- <b>XX</b> <sup>1</sup> MSC-AS- <b>XX</b> <sup>2</sup>
Companion switch 277V	MA-AS-277- <b>XX</b> <sup>1</sup> MSC-AS-277- <b>XX</b> <sup>2</sup>

No derating required if ganged.

**XX**<sup>1</sup>: Gloss color codes, see pg. 74  
**XX**<sup>2</sup>: Satin Colors® codes, see pg. 74  
 (Wallplates not included. Order separately, see pg. 169)



## Plug-in wireless tabletop lamp dimmer



- For use with table and floor lamps only
- Easy to install, requires no wiring or tools
- Cord is 6 ft (1.8m) long
- Use tabletop control like a Maestro dimmer
- Works with Pico® wireless control (see pg. 151) and Radio Powr Savr™ wireless sensors (see pg. 143, 147)
- For more information on the Maestro Wireless lamp dimmer, see pg. 123



### Incandescent/halogen

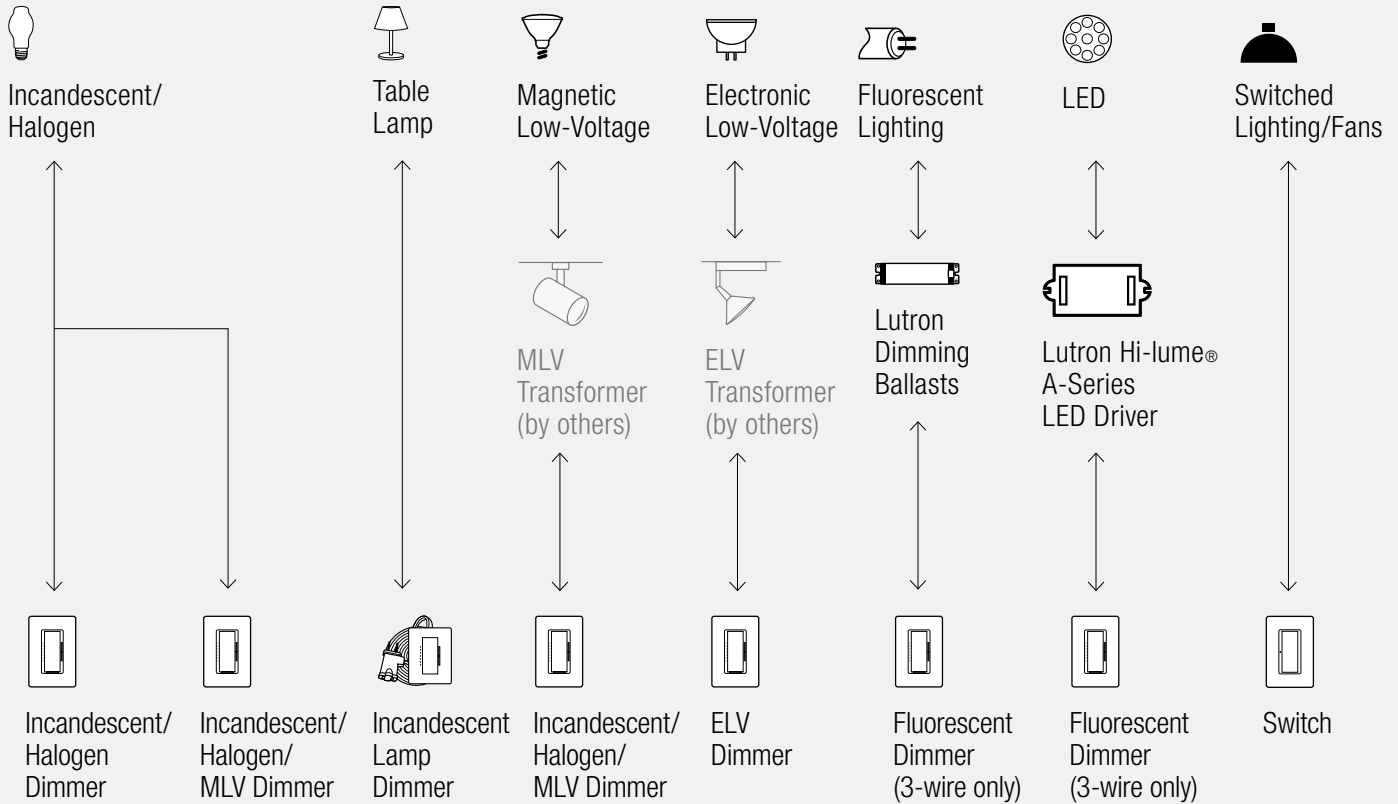
#### Plug-in wireless tabletop lamp dimmer

120V/300W at MRF2-3LD-**XX**<sup>3</sup>  
50/60 Hz (incandescent/halogen)

**XX**<sup>3</sup>: Available in White (WH) and Black (BL)

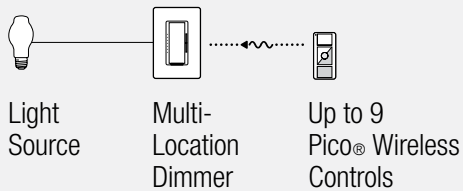
## Connections overview

### Load connections\*

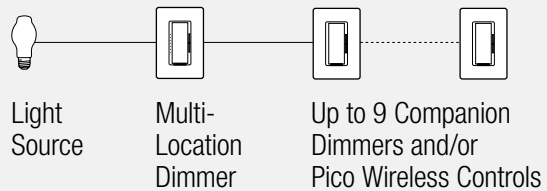


### Control types (for 2 or more locations)

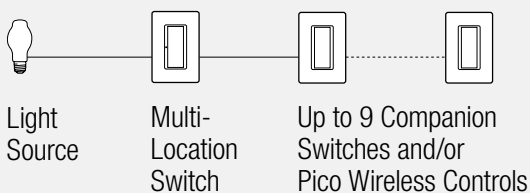
#### Dim from multiple locations (up to 10)



#### Dim from multiple locations (up to 10)



#### Switch from multiple locations (up to 10)



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**\*For illustration purposes only.**

Consult model number pages for specific voltage and capacity information.

[Download complete Connection Diagrams](#)

**Wallplates**

4.75 in (121 mm)



Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

For more information  
about Designer wallplates,  
see pg. 169.

4.69 in  
(119 mm)

.30 in  
(7.6 mm)  
profile

**Coordinated electrical devices**



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.



Shown actual size: Diva preset dimmer and 1-gang Claro wallplate in White (WH).

### Product family features

- Large paddle switch with a captive linear-slide dimmer for a standard designer wallplate opening
- Preset dimmer
- Select lighter color models feature built-in soft-glow locator light
- **C•L®** model available—see pg. 01 for details
- **eco-dim®** model available
- 1000W preset dimmers have voltage compensation, which maintains stable light levels, despite line voltage variations
- Coordinating Claro®, Satin Colors®, and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates; see pg. 164

### Control types

- Single-pole (one location)
- 3-way or 4-way (two or more locations)

### Direct load type compatibility

- Incandescent/halogen lighting
- Dimmable CFL/LED lighting (screw-base)
- Magnetic low-voltage lighting
- Electronic low-voltage lighting
- Fluorescent lighting
- LED lighting
- Ceiling fans

### Load type requiring load interface

- Neon/cold cathode lighting

Lighting load interfaces may be applicable for some additional load type, voltage, and capacity combinations.

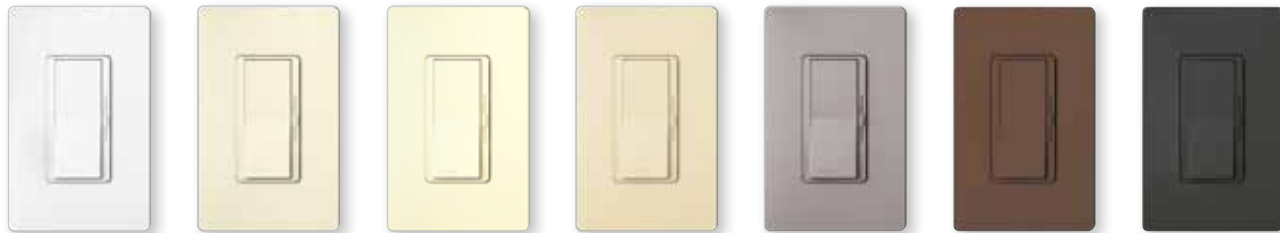
For additional information, see pg. 185.

Download Diva specification submittal  
 Download Diva C•L specification submittal  
 Download high resolution product image

**Available finishes**

Use **BOLD** color code in model number (Example: DV-600P-**BR**)

Gloss finishes\*



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

Satin finishes\*



**SW** Snow      **LS** Limestone      **BI** Biscuit      **ES** Eggshell      **PD** Palladium      **TP** Taupe      **ST** Stone



**BG** Bluestone      **PL** Plum      **SG** Sea Glass      **TQ** Turquoise      **GS** Goldstone      **DS** Desert Stone      **GB** Greenbriar



**MS** Mocha Stone      **TC** Terracotta      **SI** Sienna      **HT** Hot      **MR** Merlot      **MN** Midnight      **SS** Stainless Steel

\*Coordinating wallplates only available separately. For wallplate information, see pg. 169.

Stainless Steel wallplate includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

## Dimmers



- Paddle turns on/off
- Slide up to brighten, down to dim
- **C•L®** dimmers provide reliable dimming of dimmable CFLs/LEDs, as well as halogens and incandescents
- **eco-dim®** model guarantees at least 15% energy savings compared to a standard switch†
- Locator light shines through paddle on select lighter colored models

- Incandescent/halogen dimmers**
- Dimmable CFL (screw-base) dimmers**
- Dimmable LED (screw-base) dimmers**

### C•L dimmers

3-way/single-pole	DVCL-153P- <b>XX</b> <sup>1</sup>
120V 600W (INC) 150W (CFL or LED)	
3-way/single-pole	DVSCCL-153P- <b>XX</b> <sup>2</sup>
120V 600W (INC) 150W (CFL or LED)	

Visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled) for an approved list of dimmable CFL/LED bulbs, and how to calculate wattage when mixing lamp types.

**XX**<sup>1</sup>: Gloss color codes, see pg. 82  
**XX**<sup>2</sup>: Satin Colors® codes, see pg. 82  
**XX**<sup>3</sup>: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA) (Wallplates not included. Order separately, see pg. 169)

## Incandescent/halogen dimmers

### Dimmers

Single-pole	DV-600P- <b>XX</b> <sup>1</sup>
120V 600W	DVSC-600P- <b>XX</b> <sup>2</sup>
Single-pole	DV-10P- <b>XX</b> <sup>1</sup>
120V 1000W	DVSC-10P- <b>XX</b> <sup>2</sup>
3-way	DV-603P- <b>XX</b> <sup>1</sup>
120V 600W	DVSC-603P- <b>XX</b> <sup>2</sup>
3-way	DV-103P- <b>XX</b> <sup>1</sup>
120V 1000W	DVSC-103P- <b>XX</b> <sup>2</sup>

### eco-dim® dimmer†

3-way/single-pole	DV-603PG- <b>XX</b> <sup>3</sup>
120V 600W	

## Magnetic low-voltage dimmers

### Dimmers

Single-pole	DVLV-600P- <b>XX</b> <sup>1</sup>
120V 600VA (450W)	DVSCLV-600P- <b>XX</b> <sup>2</sup>
Single-pole	DVLV-10P- <b>XX</b> <sup>1</sup>
120V 1000VA (800W)	DVSCLV-10P- <b>XX</b> <sup>2</sup>
3-way	DVLV-603P- <b>XX</b> <sup>1</sup>
120V 600VA (450W)	DVSCLV-603P- <b>XX</b> <sup>2</sup>
3-way	DVLV-103P- <b>XX</b> <sup>1</sup>
120V 1000VA (800W)	DVSCLV-103P- <b>XX</b> <sup>2</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

All models must be derated if ganged unless otherwise noted, see pg. 179.

†Maximum light output of 85% guarantees 15% energy savings over standard switches.

 **Electronic low-voltage dimmers\***

**Dimmers**

Single-pole 120V 300W	DVELV-300P- <b>XX</b> <sup>1</sup> DVSCELV-300P- <b>XX</b> <sup>2</sup>
3-way 120V 300W	DVELV-303P- <b>XX</b> <sup>1</sup> DVSCELV-303P- <b>XX</b> <sup>2</sup>

Only certain LED drivers are dimmable using an ELV dimmer; visit [www.lutron.com/LED](http://www.lutron.com/LED) for more information.

 **3-wire fluorescent dimmers\***

 **(also for Hi-lume® A-Series LED Drivers)**

**Dimmers**

3-way/single-pole 120V 8A	DVF-103P- <b>XX</b> <sup>1</sup> DVSCF-103P- <b>XX</b> <sup>2</sup>
3-way/single-pole 277V 6A	DVF-103P-277- <b>XX</b> <sup>1</sup> DVSCF-103P-277- <b>XX</b> <sup>2</sup>

For use with Hi-lume, Hi-lume3D and EcoSystem® ballasts, and Hi-lume A-Series LED drivers.

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/hilumeLED](http://www.lutron.com/hilumeLED).

No derating required if ganged.

Adjustable low-end trim.

 **0-10V fluorescent dimmers\*** (current sink control)

 **(also for 0-10V LED drivers)**

**Dimmers**

Single-pole 30mA max control current	DVTV- <b>XX</b> <sup>1</sup>
Single-pole 30mA max control current	DVSCTV- <b>XX</b> <sup>2</sup>

Control provides dimming signal only. For dimming with on/off switching, **use with Lutron Power Pack**: PP-120H, PP-277H, or PP-347H.

Consult ballast manufacturer for specific ballast current draw to determine maximum number of ballasts per control.

For information on using Lutron dimmers to control: Advance Mark 7 dimming ballasts, visit [www.lutron.com/advance](http://www.lutron.com/advance); Universal dimming ballasts, visit [www.lutron.com/universal](http://www.lutron.com/universal).

No derating required if ganged.

For compatible 0-10V LED drivers by others, visit [www.lutron.com/LED](http://www.lutron.com/LED).

 **Tu-Wire® fluorescent dimmers**

**Dimmers**

3-way/single-pole 120V 5A	DVFTU-5A3P- <b>XX</b> <sup>1</sup> DVSCFTU-5A3P- <b>XX</b> <sup>2</sup>
------------------------------	--

Also compatible with Advance Mark 10 ballasts; for further information visit [www.lutron.com/advance](http://www.lutron.com/advance).

For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466; Universal dimming ballasts visit [www.lutron.com/universal](http://www.lutron.com/universal).

**XX**<sup>1</sup>: Gloss color codes, see pg. 82  
**XX**<sup>2</sup>: Satin Colors® codes, see pg. 82  
(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.  
For more information on Lutron ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

**\*Requires neutral wire connection.**

## Switches



- Paddle turns on/off
- Use with any 15A load
- General purpose switching of all light sources and motor loads
- Available with locator light

## Fan controls



- Paddle turns on/off
- Slide up to increase speed, down to decrease speed
- 3 quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Does not include locator light
- Designed to prevent motor hum

### Switches

#### General purpose switches

Single-pole 120/277V 15A	CA-1PS- <b>XX</b> <sup>1</sup> SC-1PS- <b>XX</b> <sup>2</sup>
3-way 120/277V 15A	CA-3PS- <b>XX</b> <sup>1</sup> SC-3PS- <b>XX</b> <sup>2</sup>
4-way 120/277V 15A	CA-4PS- <b>XX</b> <sup>1</sup> SC-4PS- <b>XX</b> <sup>2</sup>

#### General purpose switches with locator light

Single-pole 120V 15A	CA-1PSNL- <b>XX</b> <sup>3</sup> SC-1PSNL- <b>XX</b> <sup>4</sup>
3-way 120V 15A	CA-3PSNL- <b>XX</b> <sup>3</sup> SC-3PSNL- <b>XX</b> <sup>4</sup>
4-way 120V 15A	CA-4PSNL- <b>XX</b> <sup>3</sup> SC-4PSNL- <b>XX</b> <sup>4</sup>

No derating required if ganged.

**XX**<sup>1</sup>: Gloss color codes, see pg. 82  
**XX**<sup>2</sup>: Satin Colors® codes, see pg. 82  
**XX**<sup>3</sup>: Only available in Almond (AL), Ivory (IV), Light Almond (LA) and White (WH)  
**XX**<sup>4</sup>: Available in Biscuit (BI), Eggshell (ES), Goldstone (GS), Limestone (LS), Sea Glass (SG) and Snow (SW), see pg. 82  
 (Wallplates not included. Order separately, see pg. 169)

### Fan controls

#### Fan controls—quiet 3-speed

3-way/single-pole 120V 1.5A	DVFSQ-F- <b>XX</b> <sup>1</sup> DVSCFSQ-F- <b>XX</b> <sup>2</sup>
3-way/single-pole 120V 2.0A	DVFSQ-F-HO- <b>XX</b> <sup>1</sup>

DVFSQ-F-HO model for use with specific fans such as Hunter Original Series.

Does not include built-in locator light.

No derating required if ganged.

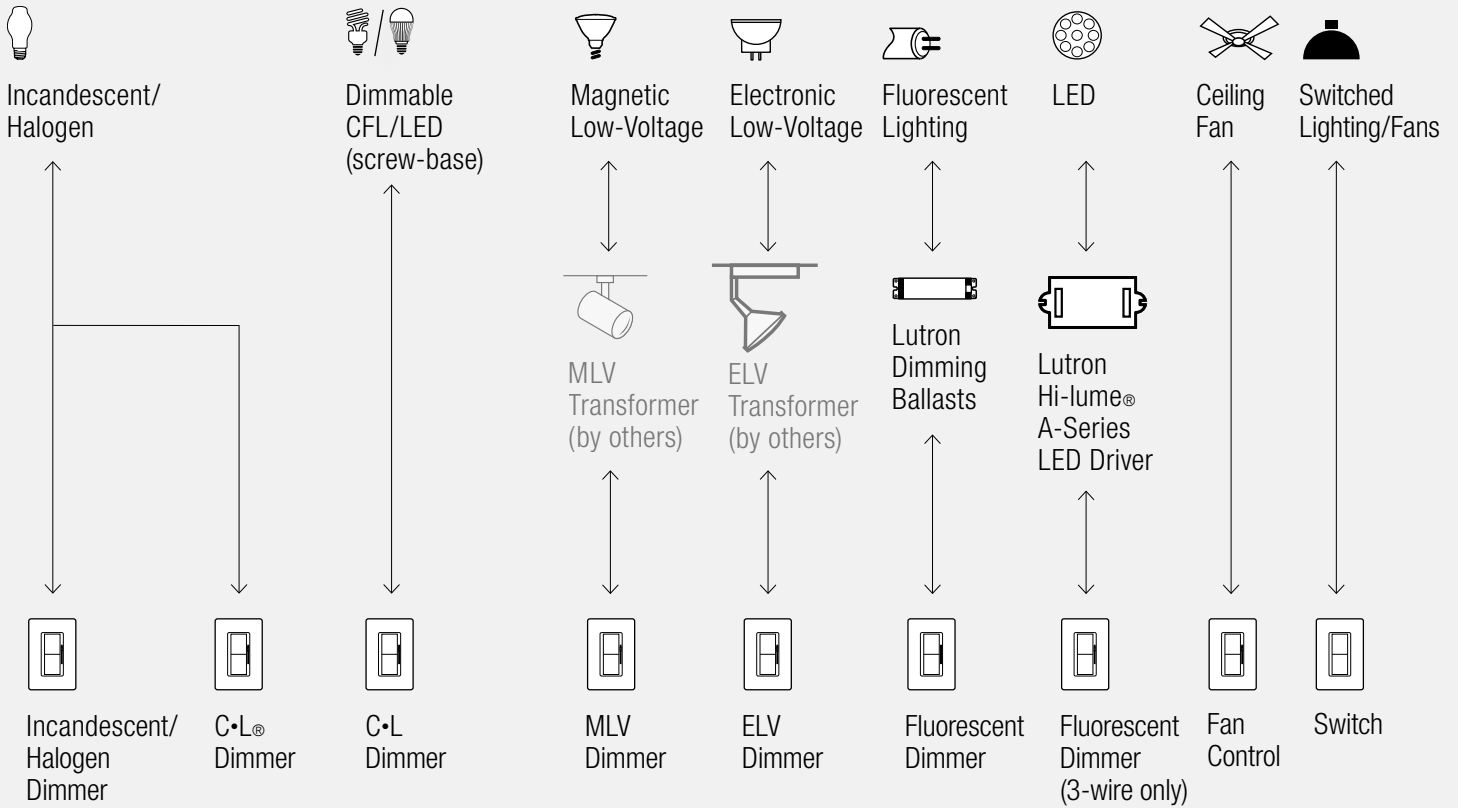
All models must be derated if ganged unless otherwise noted, see pg. 179.

**\*Requires neutral wire connection.**



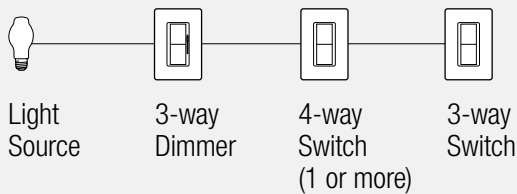
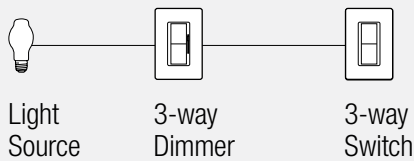
**Connections overview**

**Load connections\***



**Control types (for 2 or more locations)**

Dim from one location, switch from the others



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**\*For illustration purposes only.**

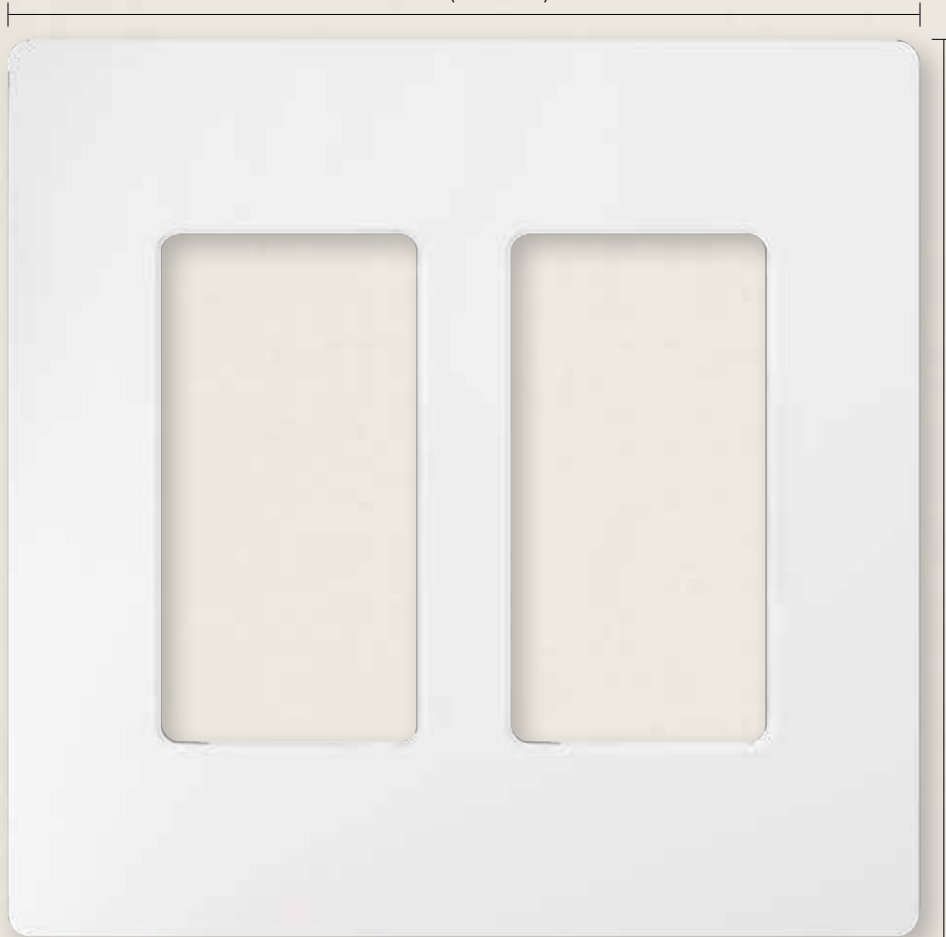
Consult model number pages for specific voltage and capacity information.

Download complete Connection Diagrams

**Accessories**

**Wallplates**

4.75 in (121 mm)



Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

For more information  
about Designer wallplates,  
see pg. 169.

4.69 in  
(119 mm)

.30 in  
(7.6 mm)  
profile

**Coordinated electrical devices**



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.







Shown actual size: Skylark Contour C•L dimmer and 1-gang Claro wallplate in White (CTCL-153P-WH).






### Product family features

- Rocker switch returns light to your favorite level
- Slide up to brighten, down to dim
- C•L® model available—see pg. 01 for details
- eco-minder™ and eco-dim® models available
- 100% factory tested
- Coordinating 1-gang Claro® wallplates available separately
- Custom engraving available for wallplates; see pg. 164

### Control types

-  Single-pole (one location)
-  3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Dimmable CFL/LED lighting (screw-base)
-  Magnetic low-voltage lighting
-  Electronic low-voltage lighting
-  Ceiling fans

Lighting load interfaces are not compatible with this family.

- Download Skylark Contour dimmer specification submittal
- Download Skylark Contour C•L dimmer specification submittal
- Download Skylark Contour ELV dimmer specification submittal
- Download Skylark Contour MLV dimmer specification submittal
- Download Skylark Contour fan control specification submittal
- Download high resolution product image

**Available finishes**

Use **BOLD** color code in model number (Example: CT-600P-**IV**)

Gloss finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black




**SS**  
Stainless Steel

\*Coordinating wallplates only available separately. For wallplate information, see pg. 169.

## Dimmers with on/off switch



- **C•L®** dimmers provide reliable dimming of dimmable CFLs/LEDs, as well as halogens and incandescents
- **eco-dim®** model guarantees at least 15% energy savings and triples lamp life compared to a standard switch†

 **Incandescent/halogen dimmers**  
**Dimmable CFL (screw-base) dimmers**  
**Dimmable LED (screw-base) dimmers**

### C•L dimmers

3-way/single-pole	CTCL-153P- <b>XX</b> <sup>1</sup>
120V 600W (INC) 150W (CFL or LED)	

Visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled) for an approved list of dimmable CFL/LED bulbs, and how to calculate wattage when mixing lamp types.

 **Incandescent/halogen dimmers**

### Dimmers

Single-pole	CT-600P- <b>XX</b> <sup>1</sup>
120V 600W	

3-way	CT-603P- <b>XX</b> <sup>1</sup>
120V 600W	

### eco-dim dimmer†

Multi-location/single-pole	CT-603PG- <b>XX</b> <sup>2</sup>
120V 600W	

**XX<sup>1</sup>**: Gloss color codes, see pg. 90  
**XX<sup>2</sup>**: Gloss White (WH), Light Almond (LA), Almond (AL) and Ivory (IV), see pg. 90 (Wallplates not included. Order separately, see pg. 169)

 **Incandescent/halogen or**  
 **Magnetic low-voltage dimmers**

### Dimmers

3-way/single-pole	CT-103P- <b>XX</b> <sup>1</sup>
120V 600VA (1000W)	

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load.

The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

 **Electronic low-voltage dimmers\***

### Dimmers

3-way/single-pole	CTELV-303P- <b>XX</b> <sup>1</sup>
120V 300W	

Certain LED drivers are dimmable using an ELV dimmer; visit [www.lutron.com/LED](http://www.lutron.com/LED) for more information.

Satin Colors All models must be derated if ganged unless otherwise noted, see pg. 179. For more information on Lutron ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

**\*Requires neutral wire connection.**

†Maximum light output of 85% guarantees 15% energy savings over standard switches.

### Dimmers with on/off switch and locator light



- Rocker switch returns light to your favorite level
- Slide up to brighten, down to dim
- Includes locator light
- **eco-minder™** green LED demonstrates 15% or more energy savings compared to a standard switch

### Fan controls



- Rocker switch turns on/off
- Slide up to increase speed, down to decrease speed
- 3 quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Designed to prevent motor hum

#### Incandescent/halogen dimmers

##### eco-minder dimmers with locator light

3-way/single-pole	CT-603PI- <b>XX</b> <sup>2</sup>
120V 600W	

#### Fan controls

##### Fan controls—quiet 3-speed

3-way/single-pole	CTFSQ-F- <b>XX</b> <sup>1</sup>
120V 600W	

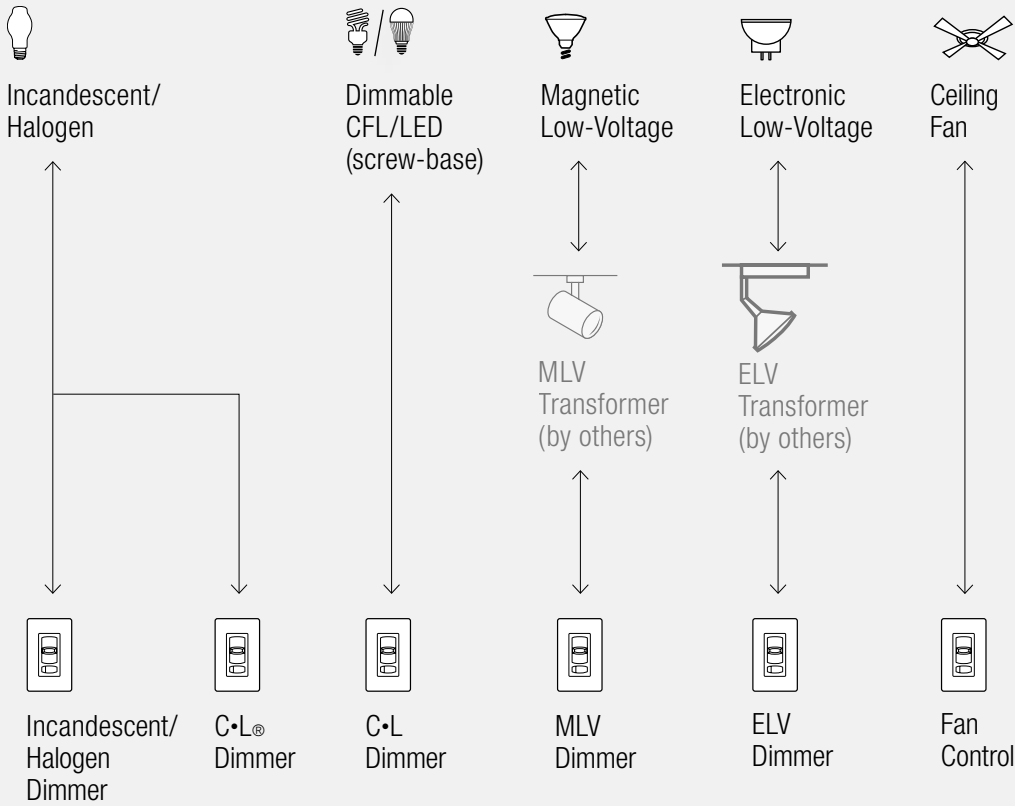
No derating required if ganged.

**XX**<sup>1</sup>: Gloss color codes, see pg. 90  
**XX**<sup>2</sup>: Gloss White (WH), Light Almond (LA), Almond (AL) and Ivory (IV), see pg. 90 (Wallplates not included. Order separately, see pg. 169)

Satin Colors All models must be derated if ganged unless otherwise noted, see pg. 179.

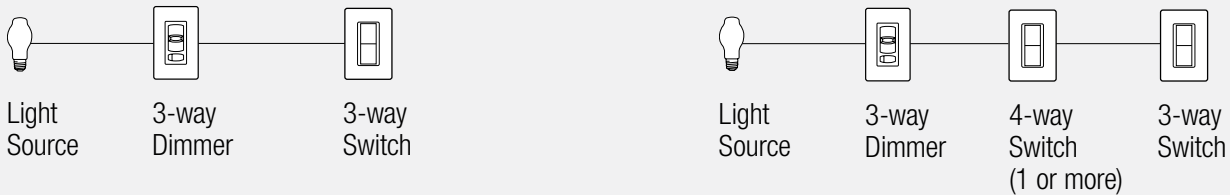
Connections overview

Load connections\*



Control types (for 2 or more locations)

Dim from one location, switch from the others



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**\*For illustration purposes only.**

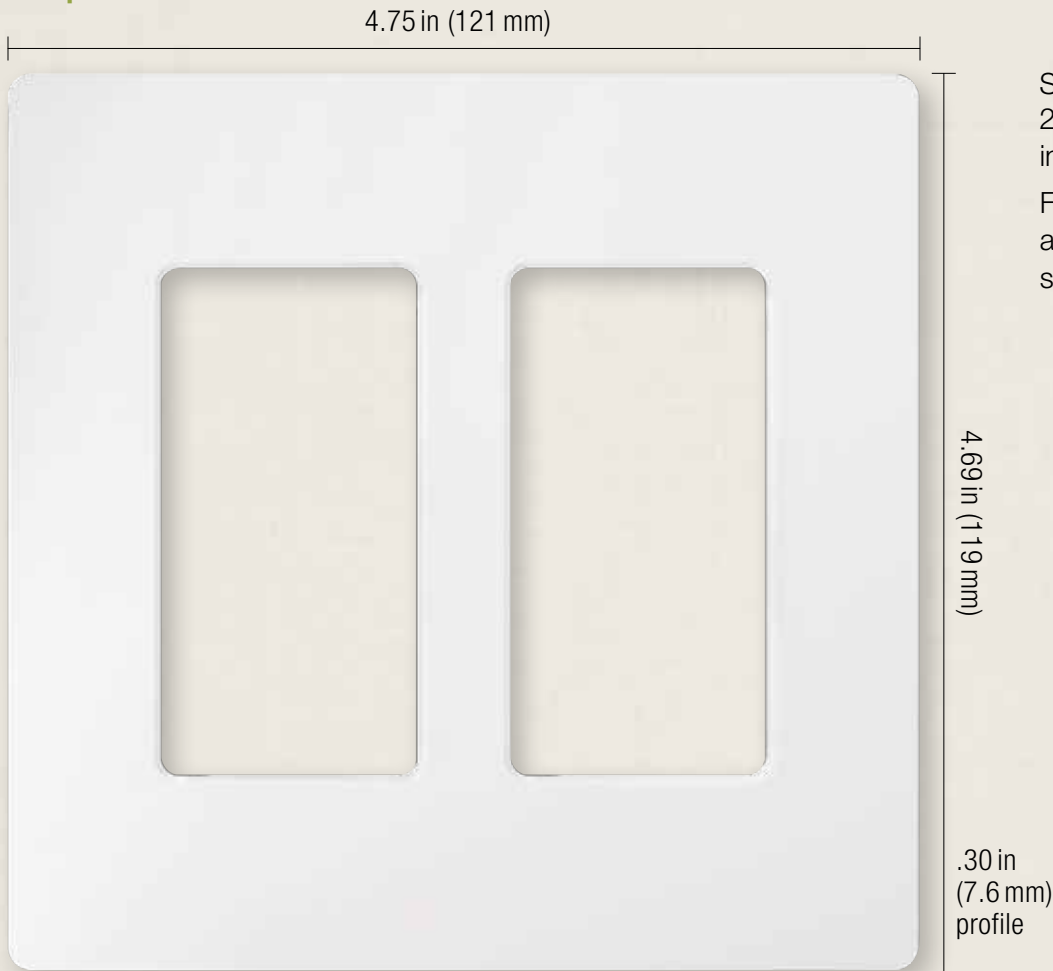
Consult model number pages for specific voltage and capacity information.

Download complete Connection Diagrams



## Accessories

### Wallplates



Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

For more information  
about Designer wallplates,  
see pg. 169.

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.





Shown actual size: Skylark dimmer and 1-gang Claro wallplate in White (WH).








### Product family features

- Rocker switch returns light to your favorite light level
- Slide up to brighten, down to dim (adjust light to suit any activity)
- **eco-dim**® model available
- 1000W preset dimmers have voltage compensation which maintains stable light levels despite line voltage variations
- 100% factory tested
- Coordinating Claro® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 164


### Control types

-  Single-pole (one location)
-  3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Electronic low-voltage lighting
-  Fluorescent lighting
-  LED lighting
-  Ceiling fans
-  Ceiling fan/lights

### Load type requiring load interface

-  Neon/cold cathode lighting

Lighting load interfaces may be applicable for some additional load type, voltage, and capacity combinations.

For additional information, see pg. 185.

[Download high resolution product image](#)

**Available finishes**

Use **BOLD** color code in model number (Example: S-600P-**GR**)

Gloss finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black



**SS**  
Stainless Steel

\*Coordinating wallplates only available separately. For wallplate information, see pg. 169.

Stainless Steel wallplate includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

### Dimmers with on/off switch



- Rocker switch turns on/off
- Slide up to brighten, down to dim
- **eco-dim®** model guarantees at least 15% energy savings and triples lamp life compared to a standard switch†

### Incandescent/halogen dimmers

#### Dimmers with on/off switch

Single-pole 120V 600W	S-600P- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	S-10P- <b>XX</b> <sup>1</sup>
3-way 120V 600W	S-603P- <b>XX</b> <sup>1</sup>
3-way 120V 1000W	S-103P- <b>XX</b> <sup>1</sup>

#### eco-dim dimmer with on/off switch†

3-way/single-pole 120V 600W	S-603PG- <b>XX</b> <sup>2</sup>
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### Magnetic low-voltage dimmers

#### Dimmers with on/off switch

Single-pole 120V 600 VA (450W)	SLV-600P- <b>XX</b> <sup>1</sup>
3-way 120V 600 VA (450W)	SLV-603P- <b>XX</b> <sup>1</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

### Electronic low-voltage dimmers\*

#### Dimmers with on/off switch

Single-pole 120V 300W	SELV-300P- <b>XX</b> <sup>1</sup>
3-way 120V 300W	SELV-303P- <b>XX</b> <sup>1</sup>

Certain LED drivers are dimmable using an ELV dimmer; for more information, visit [www.lutron.com/LED](http://www.lutron.com/LED).

**XX**<sup>1</sup>: Gloss color codes, see pg. 96  
**XX**<sup>2</sup>: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA), see pg. 96  
 (Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

**\*Requires neutral wire connection.**

†Maximum light output of 85% guarantees 15% energy savings over standard switches.

**3-wire fluorescent dimmers\***

**(also for Hi-lume® A-Series LED drivers\*)**

**Dimmers with on/off switch**

3-way 120V 8A	SF-103P- <b>XX</b> <sup>1</sup>
3-way 277V 6A	SF-12P-277-3- <b>XX</b> <sup>1</sup>

For use with Hi-lume, Hi-lume 3D, and EcoSystem® ballasts, and Hi-lume A-Series LED drivers.

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

Adjustable low-end trim.

**Tu-Wire® fluorescent dimmers**

**Dimmers with on/off switch**

3-way/single-pole 120V 5A	SFTU-5A3P- <b>XX</b> <sup>1</sup>
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Also compatible with Advance Mark 10 ballasts; for further information visit [www.lutron.com/advance](http://www.lutron.com/advance).

For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466; Universal dimming ballasts visit [www.lutron.com/universal](http://www.lutron.com/universal).

**Slide-to-off dimmers**



- Slide up to on/brighten, down to dim/off

**Incandescent/halogen dimmers**

**Slide-to-off dimmers**

Single-pole 120V 600W	S-600- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	S-1000- <b>XX</b> <sup>1</sup>

For dual slide-to-off dimmers (two loads), see page 100.

**XX**<sup>1</sup>: Gloss color codes, see pg. 00  
(Wallplates not included. Order separately, see pg. 169)

For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).  
All models must be derated if ganged unless otherwise noted, see pg. 179.

**\*Requires neutral wire connection.**

### Dimmers with on/off switch and locator light



- Rocker switch turns on/off
- Slide up to brighten, down to dim
- Includes amber locator light

### Slide-to-off fan controls



- Slide up to on/increase speed, down to decrease/off
- 3 quiet fan speeds designed to prevent motor hum
- For use with only one ceiling paddle fan
- Fully variable model also available

#### Incandescent/halogen dimmers

##### Dimmers with on/off switch and locator light

Single-pole 120V 600W	S-600PNL- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	S-10PNL- <b>XX</b> <sup>1</sup>
3-way 120V 600W	S-603PNL- <b>XX</b> <sup>1</sup>
3-way 120V 1000W	S-103PNL- <b>XX</b> <sup>1</sup>

#### Fan controls

##### Slide-to-off fan controls—quiet 3-speed

Single-pole 120V 1.5A	SFSQ-F- <b>XX</b> <sup>1</sup>
Single-pole 120V 2.0A	SFSQ-F-HO- <b>XX</b> <sup>1</sup>

For use with only one ceiling paddle fan.  
For use with Hunter Original Series.

##### Slide-to-off fan control—fully variable

Single-pole 120V 5A	SFS-5E- <b>XX</b> <sup>1</sup>
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For use with multiple ceiling paddle fans or exhaust fans (up to 5A total load.)

**XX**<sup>1</sup>: Gloss color codes, see pg. 96  
(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

### Slide-to-off fan controls with on/off light switch



**Fan control** (top)

- Slide up to on/increase speed, down to decrease/off
- 3 quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- 3 quiet fan speeds designed to prevent motor hum

**Switch** (bottom)

- Rocker switch turns light on/off

### Dual slide-to-off dimmers (two loads)



**Dimmers** (left/right)

- Slide up to on/brighten, down to dim/off

 **Fan control/light switch**

**Fan control—quiet 3-speed and switch**

Single-pole fan control	SFSQ-LF- <b>XX</b> <sup>1</sup>
120V 1.5A (top)	
120V single-pole switch 360W (bottom)	
(incandescent/halogen loads only)	

 **Incandescent/halogen dimmers**

**Dual slide-to-off dimmers (two loads)**

Single-pole	S2-L- <b>XX</b> <sup>1</sup>
120V 300W light (left)	
incandescent/halogen	
120V 300W light (right)	
incandescent/halogen	

**XX**<sup>1</sup>: Gloss color codes, see pg. 96  
(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

## Dual slide-to-off fan control and dimmer



### Fan control (left)

- Slide up to on/increase speed, down to decrease/off
- 3 quiet fan speeds for increased comfort designed to prevent motor hum
- Fully variable model available for use with multiple paddle or exhaust fans

### Dimmer (right)

- Slide up to on/brighten, down to dim/off

## Replacement knobs

Single-pole	SK- <b>XX</b> <sup>2</sup>
Standard knob	
Split knobs	contact customer service

## ✂ Fan/light controls

### Fan control—quiet 3-speed and dimmer

Single-pole fan control S2-LFSQ-**XX**<sup>1</sup>

120V 1.5A (left)

120V single-pole dimmer 300W (right)

For use with only one ceiling paddle fan.

### Fan control—fully variable and dimmer

Single-pole fan control S2-LF-**XX**<sup>1</sup>

120V 2.5A (left)

120V single-pole dimmer 300W (right)

For use with multiple ceiling paddle fans up to 2.5A.

**XX**<sup>1</sup>: Gloss color codes, see pg. 96

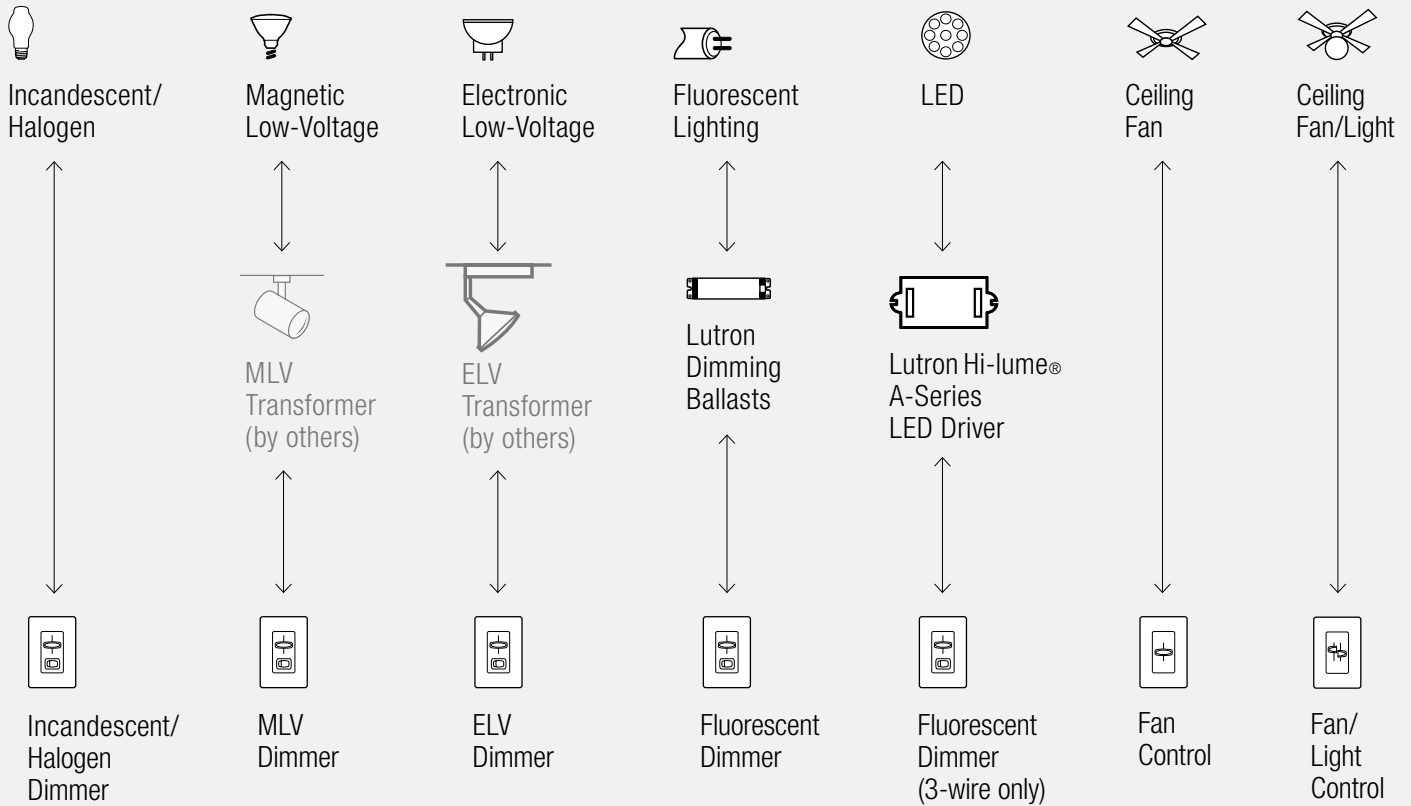
**XX**<sup>2</sup>: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA), see pg. 96  
(Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

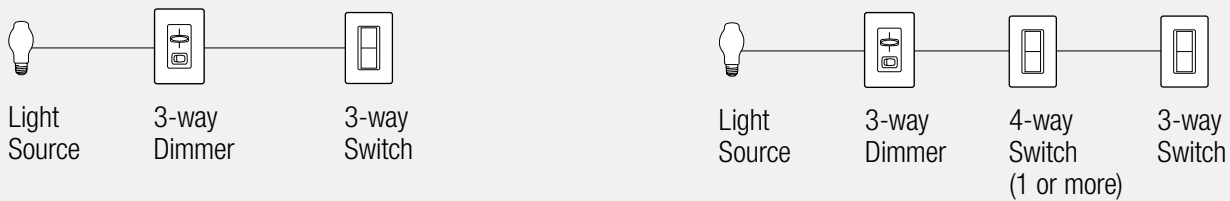


## Connections overview

### Load connections\*



### Control types (for 2 or more locations) Dim from one location, switch from the others



For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).

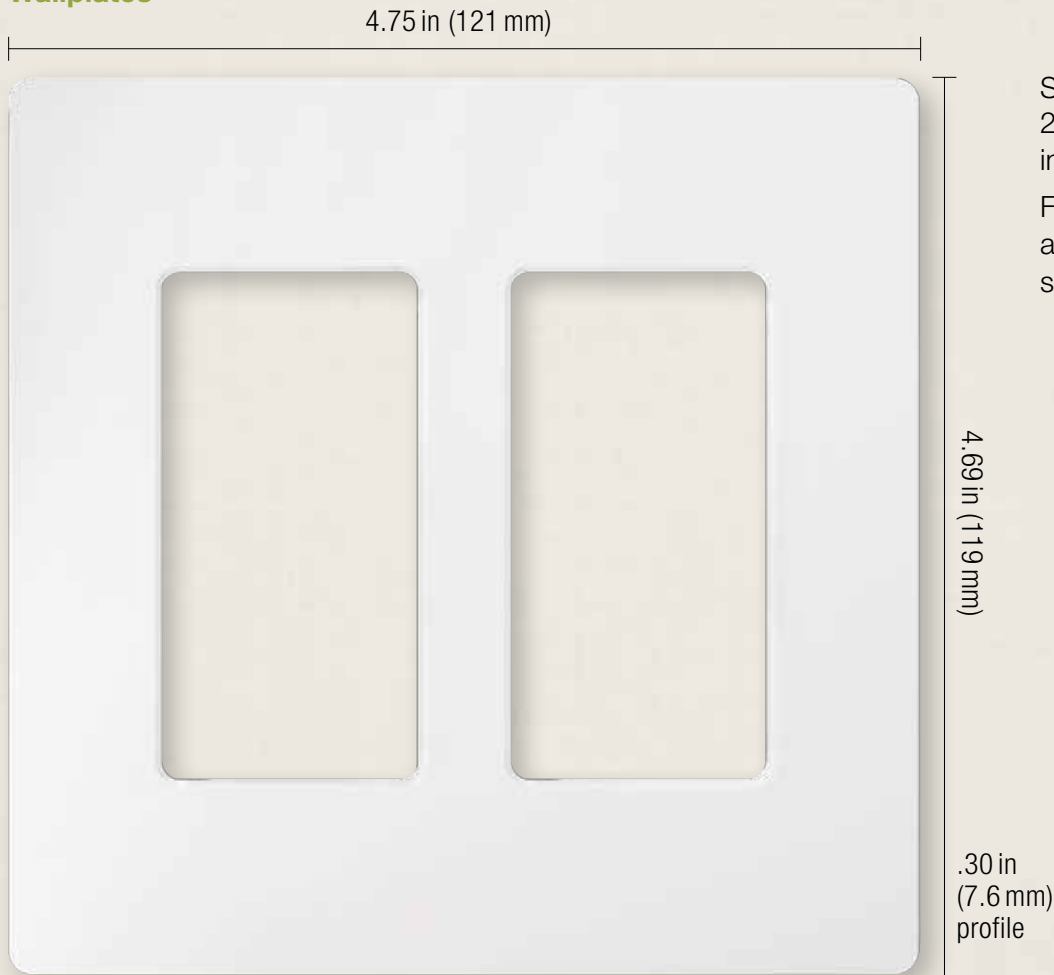
**\*For illustration purposes only.**

Consult model number pages for specific voltage and capacity information.

Download complete Connection Diagrams

## Accessories

### Wallplates



Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

For more information  
about Designer wallplates,  
see pg. 169.

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.







Shown actual size: Ariadni dimmer and 1-gang Fassada wallplate in White (WH).








### Product family features

- Matches existing switches
- Toggle-style switch turns light on to level set by slider
- Slide adjusts light to your favorite level
- C•L® model available—see pg. 01 for details
- eco-dim® model available
- 1000W preset dimmers have voltage compensation which maintains stable light levels despite line voltage variations
- Coordinating Fassada® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 164



### Control types

-  Single-pole (one location)
-  3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Dimmable CFL/LED lighting (screw-base)
-  Magnetic low-voltage lighting
-  Fluorescent lighting
-  LED lighting
-  Ceiling fans
-  Ceiling fan/lights

### Load type requiring load interface

-  Electronic low-voltage lighting
-  Neon/cold cathode lighting

Lighting load interfaces may be applicable for some additional load type, voltage, and capacity combinations.

For additional information, see pg. 185.

[Download Ariadni C•L specification submittal](#)  
[Download high resolution product image](#)

**Available finishes**

Use **BOLD** color code in model number (Example: AY-600P-**BL**)

Gloss finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**BL**  
Black



**SS**  
Stainless Steel

\*Coordinating wallplates only available separately. For wallplate information, see pg. 175.

Stainless Steel wallplate includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

## Dimmers



- Toggle turns on/off
- Slide up to brighten, down to dim
- **C•L**® dimmers provide reliable dimming of dimmable CFLs/LEDs, as well as halogens and incandescents
- **eco-dim**® model guarantees at least 15% energy savings and triples lamp life compared to a standard switch†

- Incandescent/halogen dimmers**
- Dimmable CFL bulbs (screw-base)**
- Dimmable LED bulbs (screw-base)**

### C•L preset dimmer

3-way/single-pole 120V 600W (Inc.) 150W (CFL or LED)	AYCL-153P- <b>XX</b> <sup>1</sup>
---	-----------------------------------

Visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled) for an approved list of dimmable CFL/LED bulbs, and how to calculate wattage when mixing lamp types.

- Incandescent/halogen dimmers**

### Preset dimmers

Single-pole 120V 600W	AY-600P- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	AY-10P- <b>XX</b> <sup>1</sup>
3-way 120V 600W	AY-603P- <b>XX</b> <sup>1</sup>
3-way 120V 1000W	AY-103P- <b>XX</b> <sup>1</sup>

### eco-dim preset dimmer†

3-way/single-pole 120V 600W	AY-603PG- <b>XX</b> <sup>2</sup>
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## Magnetic low-voltage dimmers

### Preset dimmers

Single-pole 120V 600 VA (450W)	AYLV-600P- <b>XX</b> <sup>1</sup>
3-way 120V 600 VA (450W)	AYLV-603P- <b>XX</b> <sup>1</sup>

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

- 3-wire fluorescent dimmers\***  
**(also for Hi-lume® A-Series LED drivers)\***

### Preset dimmers

3-way/single-pole 120V 8A	AYF-103P- <b>XX</b> <sup>1</sup>
3-way/single-pole 277V 6A	AYF-103P-277- <b>XX</b> <sup>1</sup>

For use with Hi-lume, Hi-lume 3D, and EcoSystem® ballasts, and Hi-lume A-Series LED drivers.

For more information on Hi-lume A-Series LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).

No derating required if ganged.

Adjustable low-end trim.

**XX**<sup>1</sup>: Gloss color codes (except Gray), see pg. 106  
**XX**<sup>2</sup>: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA), see pg. 106  
 (Wallplates not included. Order separately, see pg. 175)

All models must be derated if ganged unless otherwise noted, see pg. 179.

†Maximum light output of 85% guarantees 15% energy savings over standard switches.

**\*Requires neutral wire connection.**

### Dimmers with locator light



- Toggle turns lights on/off
- Slide up to brighten, down to dim
- Includes amber locator light
- Not available in black

### Fan controls



- Toggle turns lights on/off
- Slide up to increase speed, down to decrease
- 3 quiet fan speeds designed to prevent motor hum

#### Incandescent/halogen dimmers

##### Preset dimmers with locator light

Single-pole 120V 600W	AY-600PNL- <b>XX</b> <sup>2</sup>
Single-pole 1000W	AY-10PNL- <b>XX</b> <sup>2</sup>
3-way 120V 600W	AY-603PNL- <b>XX</b> <sup>2</sup>
3-way 120V 1000W	AY-103PNL- <b>XX</b> <sup>2</sup>

#### Fan control

##### Fan control—quiet 3-speed

3-way/single-pole 120V 1.5A	AYFSQ-F- <b>XX</b> <sup>1</sup>
--------------------------------	---------------------------------

For use with only one ceiling paddle fan

### Fan/light controls



#### **Fan control** (left)

- Use slide to turn fan on/off and adjust fan speed
- 3 quiet fan speeds designed to prevent motor hum

#### **Dimmer** (right)

- Toggle turns light on/off
- Slide up to brighten, down to dim

#### Fan/light control

##### Fan control and dimmer—quiet 3-speed

Single-pole fan control 120V 1.5A (left)	AY2-LFSQ- <b>XX</b> <sup>1</sup>
Single-pole dimmer 120V 300W incandescent/halogen (right)	

For use with only one ceiling paddle fan

**XX**<sup>1</sup>: Gloss color codes (except Gray), see pg. 106

**XX**<sup>2</sup>: Gloss color codes (except Gray and Black), see pg. 106

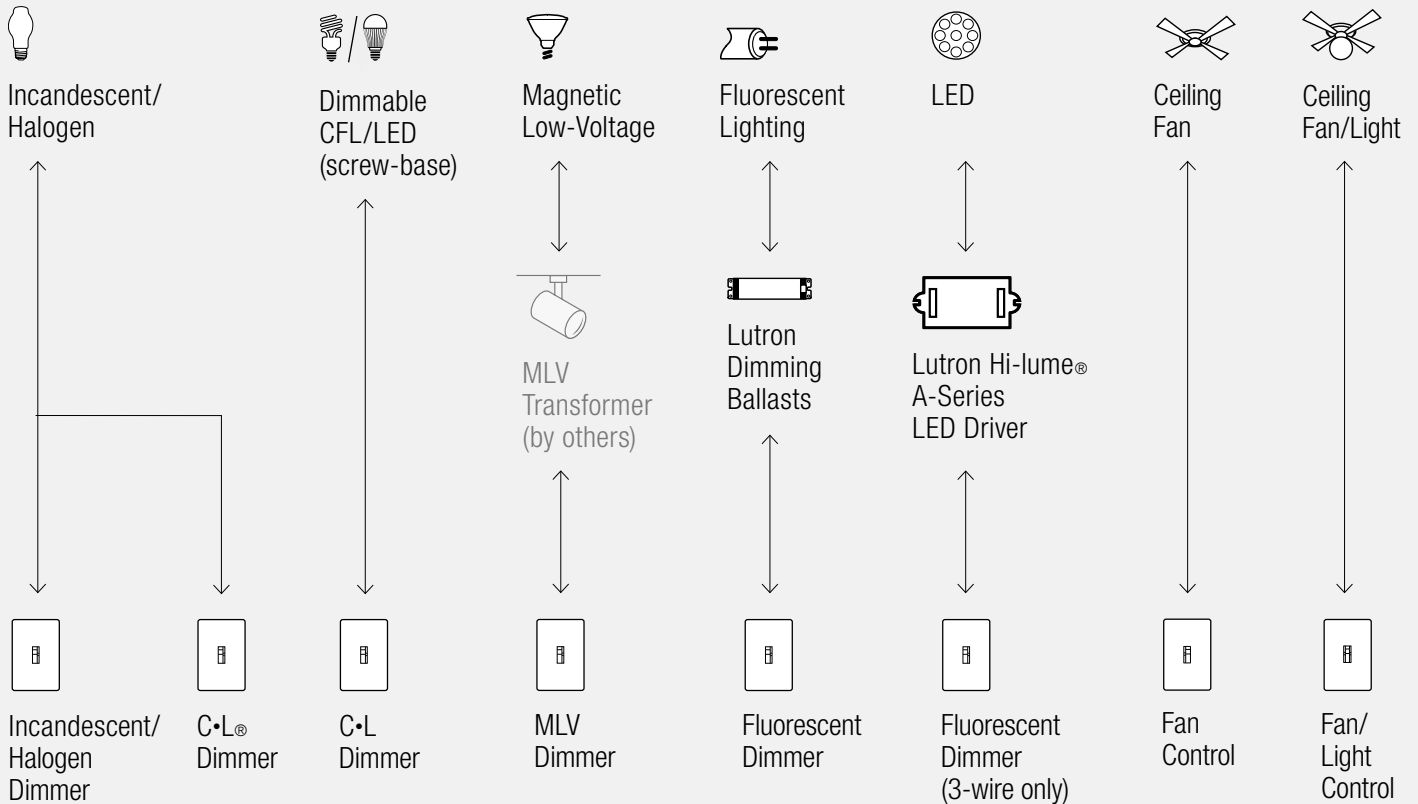
(Wallplates not included. Order separately, see pg. 175)

All models must be derated if ganged unless otherwise noted, see pg. 179.

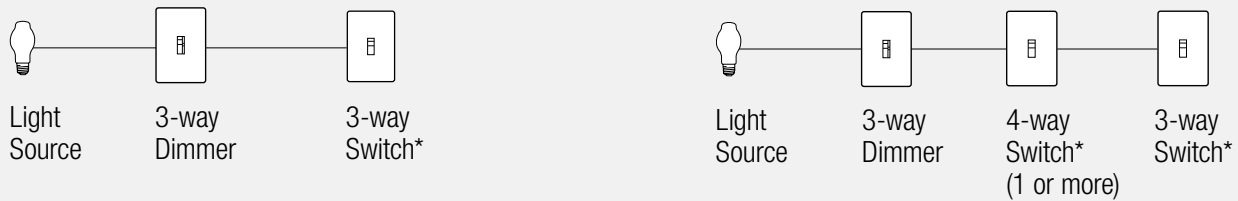
For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).

**Connections overview**

**Load connections\***



**Control types (for 2 or more locations)**  
Dim from one location, switch from the others



\* For 3-way and 4-way control, use 3-way dimmer with mechanical 3-way or 4-way switches.

For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).  
 For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).  
**\*For illustration purposes only.**  
 Consult model number pages for specific voltage and capacity information.

Download complete Connection Diagrams



## Accessories

### Wallplates



Shown actual size:  
2-gang Fassada®  
wallplate in White (WH).

For more information  
about Traditional wallplates,  
see pg. 175.

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.





Shown actual size: Glyder dimmer and 1-gang Fassada wallplate in White (WH).




### Product family features

- Slide adjusts light to your desired level
- 100% factory tested
- Coordinating Fassada® wallplates only available separately
- Custom engraving available for wallplates, see pg. 164

### Control types

-  Single-pole (one location)
-  3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Ceiling fans

Lighting load interfaces are not compatible with this family.

[Download high resolution product image](#)

**Available finishes**

Use **BOLD** color code in model number (Example: GL-600P-**IV**)

Gloss finishes\*



**WH**  
White



**IV**  
Ivory

\*Coordinating wallplates only available separately. For wallplate information, see pg. 175.

### Dimmers with on/off switch



- Button turns on/off
- Slide up to brighten, down to dim

### Slide-to-off dimmers



- Slide up to on/brighten, down to dim/off

#### **Incandescent/halogen dimmers**

##### Dimmers with on/off switch

Single-pole 120V 600W	GL-600P- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	GL-10P- <b>XX</b> <sup>1</sup>
3-way 120V 600W	GL-603P- <b>XX</b> <sup>1</sup>
3-way 120V 1000W	GL-103P- <b>XX</b> <sup>1</sup>

#### **Incandescent/halogen dimmers**

##### Slide-to-off dimmers

Single-pole 120V 600W	GL-600- <b>XX</b> <sup>1</sup>
Single-pole 120V 1000W	GL-1000- <b>XX</b> <sup>1</sup>

#### **Magnetic low-voltage dimmers**

##### Slide-to-off dimmer

Single-pole 120V 600 VA (450 W)	GLV-600- <b>XX</b> <sup>1</sup>
------------------------------------	---------------------------------

The stated VA (Volt-Ampere) rating includes the magnetic transformer heat losses and the lamp load. The stated W (Watt) rating is the maximum lamp wattage based on assumed 20% transformer loss.

**XX**<sup>1</sup>: Gloss White (WH) and Ivory (IV), see pg. 112 (Wallplates not included. Order separately, see pg. 175)

All models must be derated if ganged unless otherwise noted, see pg. 179.

## Slide-to-off fan controls



- Slide up to on/increase speed, down to decrease/off
- For use with multiple ceiling paddle fans or exhaust fans

### Replacement knobs

Slide-to-off	GK- <b>XX</b> <sup>1</sup>
Preset	GKP- <b>XX</b> <sup>1</sup>

### ✂ Fan control

#### Slide-to-off fan control—fully variable

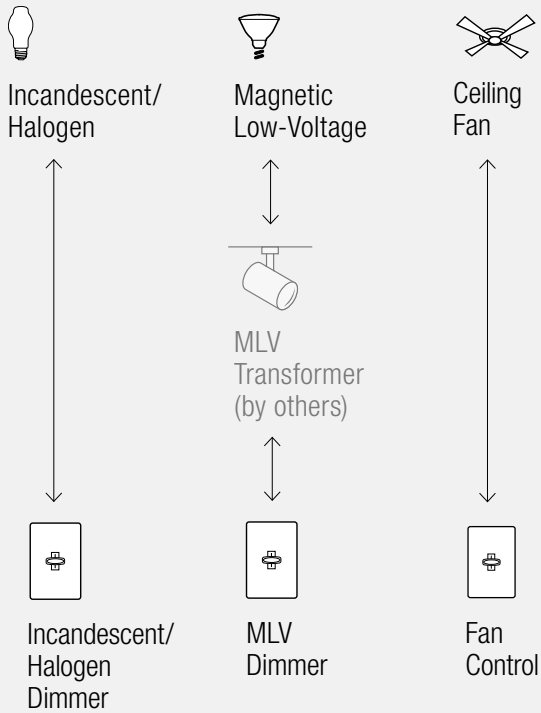
Single-pole fan control 120V 5A	GFS-5E- <b>XX</b> <sup>1</sup>
------------------------------------	--------------------------------

**XX**<sup>1</sup>: Gloss White (WH) and Ivory (IV), see pg. 112 (Wallplates not included. Order separately, see pg. 175)

All models must be derated if ganged unless otherwise noted, see pg. 179.

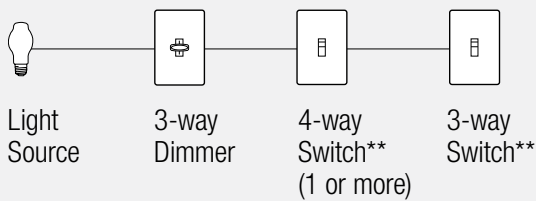
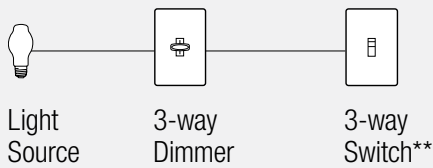
## Connections overview

### Load connections\*



### Control types (for 2 or more locations)

Dim from one location, switch from the others



\*\* For 3-way and 4-way control, use 3-way dimmer with mechanical 3-way or 4-way switches.

[Download complete Connection Diagrams](#)

**\*For illustration purposes only.**  
Consult model number pages for specific voltage and capacity information.

### Accessories

#### Wallplates



Shown actual size:  
2-gang Fassada®  
wallplate in White (WH).

For more information  
about Traditional wallplates,  
see pg. 175.

#### Coordinated electrical devices



Tamper resistant  
GFCI receptacle



Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.





Shown actual size: Rotary dimmer and 1-gang Fassada wallplate in White (WH).



### Product family features

- The original electronic dimmer— first patented in 1959
- Easy-turn knob adjusts light to your favorite level
- eco-dim® model available
- 100% factory tested
- Coordinating Fassada® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 164

### Control types

-  Single-pole (one location)
-  3-way or 4-way (two or more locations)

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Ceiling fans

Lighting load interfaces are not compatible with this family.

[Download high resolution product image](#)



## Available finishes

Use **BOLD** color code in model number (Example: D-600P-**IV**)

Gloss finishes\*



**WH**  
White



**IV**  
Ivory

\*Coordinating wallplates only available separately. For wallplate information, see pg. 175.

### Dimmer with rotate on/off knob



- Rotate on/off; rotate to adjust light level

### Dimmers with push on/off knob



- Push on/off; rotate to adjust light level
- **eco-dim®** model guarantees at least 15% energy savings and triples lamp life compared to a standard switch†

#### **Incandescent/halogen dimmers**

##### Dimmer with rotate on/off knob

Single-pole	D-600R- <b>XX</b> <sup>1</sup>
120V 600W	

#### **Incandescent/halogen dimmers**

##### Dimmers with push on/off knob

Single-pole	D-600P- <b>XX</b> <sup>1</sup>
120V 600W	
3-way	D-603P- <b>XX</b> <sup>1</sup>
120V 600W	

##### **eco-dim® dimmer with push on/off knob<sup>†</sup>**

3-way/single-pole	D-603PG- <b>XX</b> <sup>1</sup>
120V 600W	

**XX**<sup>1</sup>: Gloss White (WH) and Ivory (IV), see pg. 118 (Wallplates not included. Order separately, see pg. 175)

All models must be derated if ganged unless otherwise noted, see pg. 179.

<sup>†</sup>Maximum light output of 85% guarantees 15% energy savings over standard switches.

### Dimmers with push on/off knob and locator light



- Push on/off; rotate to adjust light level
- Includes locator light

### Fan controls with rotate on/off knob



- Rotate on/off; rotate to adjust fan speed
- Quiet 3-speed available for use with one paddle fan
- Quiet 3-speed designed to prevent motor hum
- Fully variable models available for use with multiple paddle or exhaust fans

#### Incandescent/halogen dimmers

##### Dimmers with push on/off knob and locator light

Single-pole 120V 600W	DNG-600P- <b>XX</b> <sup>1</sup>
3-way 120V 600W	DNG-603P- <b>XX</b> <sup>1</sup>

#### Fan controls

##### Fan controls with rotate on/off knob—fully variable

Single-pole fan control factory set minimum speed 120V 5A	FS-5F- <b>XX</b> <sup>1</sup>
Single-pole fan control user adjustable minimum speed 120V 5A	FS-5E- <b>XX</b> <sup>1</sup>

##### Fan control with rotate on/off knob—quiet 3-speed

Single-pole 120V 1.5A	FSQ-2F- <b>XX</b> <sup>1</sup>
--------------------------	--------------------------------

#### Replacement knobs

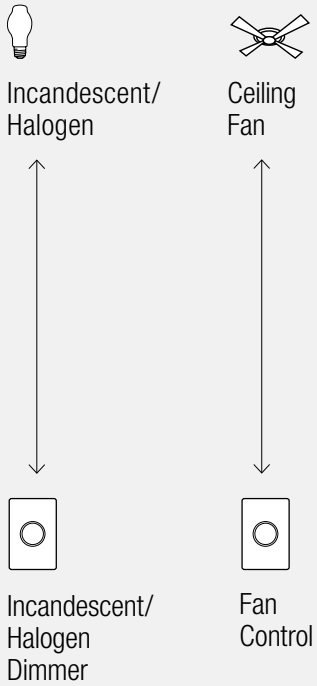
Standard knob	RK- <b>XX</b> <sup>1</sup>
3-speed fan control knob, White	280-324-01
3-speed fan control knob, Ivory	280-324-06

**XX**<sup>1</sup>: Gloss White (WH) and Ivory (IV), see pg. 118 (Wallplates not included. Order separately, see pg. 175)

All models must be derated if ganged, unless otherwise noted, see pg. 179.

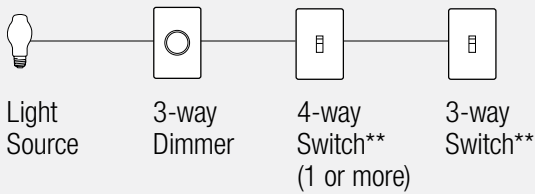
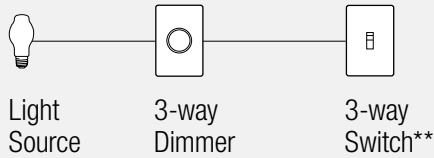
## Connections overview

### Load connections\*



### Control types (for 2 or more locations)

Dim from one location, switch from the others



\*\* For 3-way and 4-way control, use 3-way dimmer with mechanical 3-way or 4-way switches.

[Download complete Connection Diagrams](#)

**\*For illustration purposes only.**  
Consult model number pages for specific voltage and capacity information.

## Accessories

### Wallplates



Shown actual size:  
2-gang Fassade®  
wallplate in White (WH).

For more information  
about Traditional wallplates,  
see pg. 175.

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle

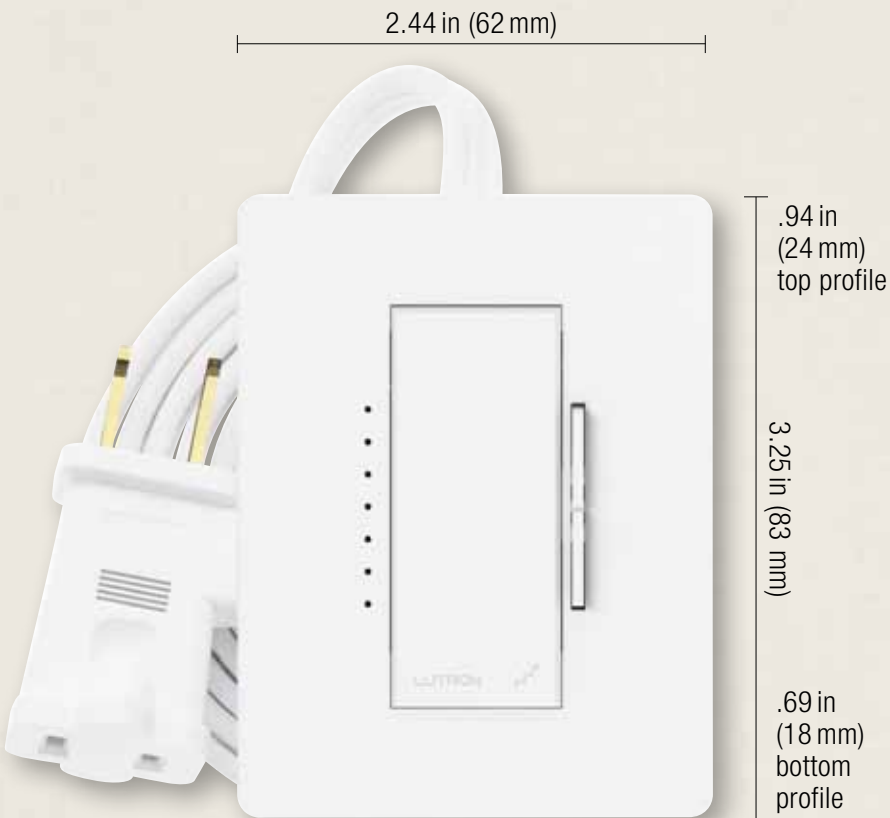


Customizable  
6-port frame



Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.



Shown actual size: Tabletop lamp dimmer in White (MRF2-3LD-WH).

**Available finishes**

Use **BOLD** color code in model number (Example: MRF2-3LD-**BL**)

Matte finishes



**WH**  
White



**BL**  
Black

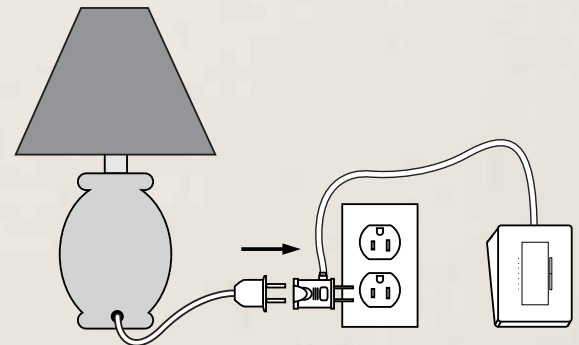
**Features and capacities**

- Uses Lutron reliable Clear Connect® RF technology to communicate wirelessly with up to 9 Radio Powr Savr™ sensors (pg. 143, 147) and/or Pico® wireless controls (pg. 151)
- For use with table and floor lamps only
- Tabletop control functions like a standard Maestro® dimmer
- Tap on to favorite level; tap off; tap twice for full on
- Touch rocker to adjust light level
- Part of the Maestro Wireless family of light controls (pg. 00)
- Cord is 6 ft (1.8 m) long
- Communicates at 434 MHz frequency

**Direct load type compatibility**

- 💡 Incandescent/halogen

**Installation**



[Download specification submittal](#)

### Plug-in lamp dimmer



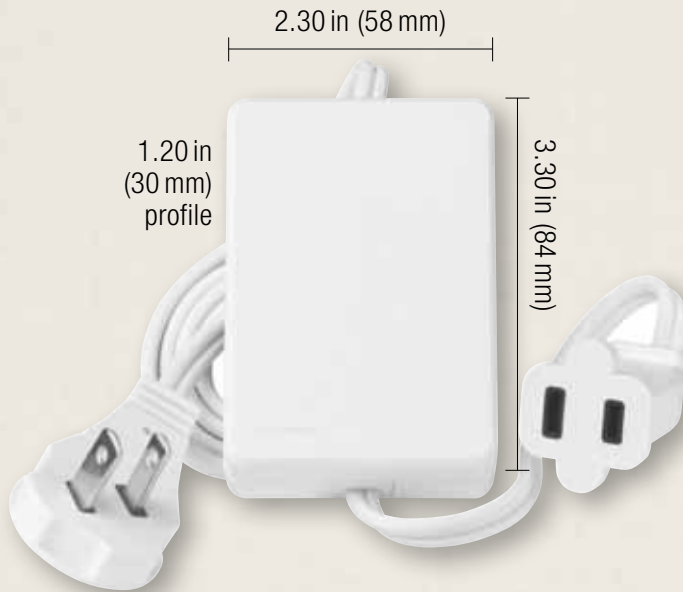
- Incorporates advanced Maestro® dimmer features such as fade on/fade off, delayed long fade off, and rapid full on

### Incandescent/halogen lamp dimmers

#### Plug-in lamp dimmers

Single-pole	MRF2-3LD- <b>XX</b> <sup>1</sup>
300W	

**XX**<sup>1</sup>: Available in White (WH) and Black (BL), see pg. 123



Shown above: 1-receptacle PowPak plug-in dimming module in White (MRF2-3PD-1-WH)

**Available finishes**

Use **BOLD** color code in model number (Example: MRF2-3PD-1-**BL**)

Matte finishes



**Features and capacities**

- Utilizes Lutron reliable Clear Connect® RF technology to communicate wirelessly with up to nine Radio Powr Savr™ sensors (pg. 143, 147) and/or Pico® wireless controls (pg. 151)
- Controls always operate locally, do not require system control
- Available in 1- or 3-receptacle models
- Easy to install, requires no wires or tools
- Simple, button-press programming to associate with Radio Powr Savr sensors and Pico wireless controls
- Male plug on 24 in (610 mm) cord
- Female receptacle on 6 in (150 mm) cord
- Communicates at 434 MHz frequency

**Direct load type compatibility**

PowPak plug-in dimming module (dimming mode)

- 💡 Incandescent/halogen

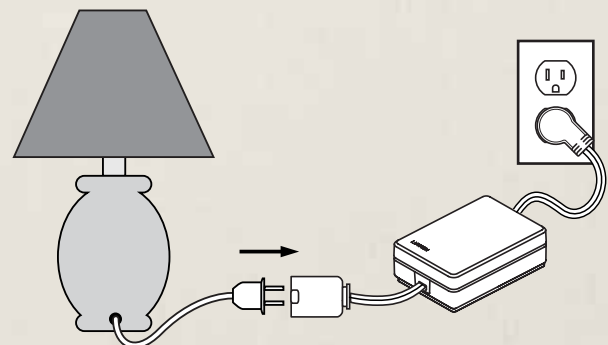
PowPak plug-in dimming module (switching mode)

- 💡 Incandescent/halogen
- 💡 Magnetic low-voltage
- 💡 Compact fluorescent
- ⚡ Fluorescent
- 💡 Electronic low-voltage

PowPak plug-in appliance module

- 🔌 General purpose

**Installation**



Download dimming module specification submittal  
 Download appliance module specification submittal  
 Download high resolution product image

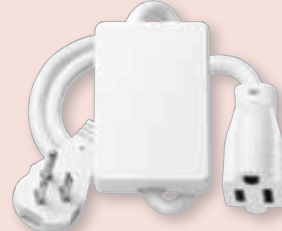


### Plug-in dimming modules



- Functions much like standard lamp dimmers, and incorporates advanced features such as fade on/fade off, delayed long fade off, and rapid full on

### Plug-in appliance modules



- Switches up to 15A of general purpose load (1/2HP motor load)
- Features Lutron patented Softswitch technology to prevent the relay contacts from arcing, extending the average life of the switch to 1,000,000 operations

#### **Incandescent/halogen dimming modules** (operates at 434MHz)

##### Plug-in lamp dimmer module

1 receptacle cord	MRF2-3PD-1- <b>XX</b> <sup>1</sup>
120V 300W	
3 receptacle cord	MRF2-3PD-3- <b>XX</b> <sup>1</sup>
120V 300W	

10 Watt minimum load.

Rated for: incandescent/halogen. Can be converted into a switch for lighting loads.

#### **Appliance modules** (operates at 434MHz)

##### Plug-in appliance module

1 receptacle cord	MRF2-15APS-1- <b>XX</b> <sup>1</sup>
120V 15A 1/2HP	
3 receptacle cord	MRF2-15APS-3- <b>XX</b> <sup>1</sup>
120V 15A 1/2HP	

**XX**<sup>1</sup>: Available in White (WH) and Black (BL), see pg. 125



## Product family features

- Convenient full range dimmers for table and floor lamps
- Allows use of a standard light bulb instead of costly 3-way bulbs
- **eco-dim**® model available
- **C•L**® model available—see pg. 01 for details
- LED glows softly as a locator light (optional feature)
- Place Credenza dimmer on tabletop
- For detailed information, see Application Notes #91 (Guide to Dimming Table Lamps) by visiting [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes)
- Cord is 6 ft (1.8 m) long

## Direct load type compatibility

- 💡 Incandescent/halogen lighting
- 💡/💡 Dimmable CFL/LED lighting (screw-base)

Shown actual size: Credenza lamp dimmer in White (TT-300H-WH).

## Available finishes

Use **BOLD** color code in model number (Example: TT-300NLH-**BR**)

Gloss finishes

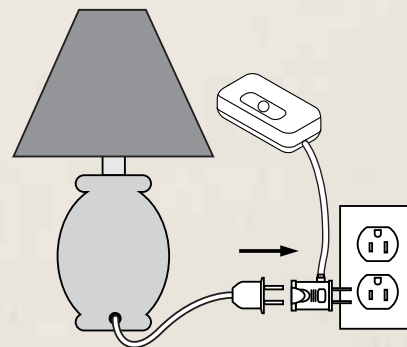


**WH**  
White

**BR**  
Brown

**BL**  
Black

## Installation



Download high resolution product image

### Plug-in lamp dimmer



- Slide up to on/brighten, down to dim/off
- Requires no wiring or tools
- **C•L**® dimmers provide reliable dimming of dimmable CFLs/LEDs, as well as halogens and incandescents

### Plug-in lamp dimmer with locator light



- Slide up to on/brighten, down to dim/off
- Includes red LED locator light, **eco-dim**® model has green indicator light †
- Requires no wiring or tools

- 💡 **Incandescent/halogen lamp dimmer**
- 💡 **Dimmable CFL (screw-base) lamp dimmer**
- 💡 **Dimmable LED (screw-base) lamp dimmer**
- C•L dimmers**

Single-pole TTCL-100H-**XX**<sup>1</sup>  
 120V 250W (Inc.) 100W (CFL or LED)

Visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled) for an approved list of dimmable CFL/LED bulbs.

- 💡 **Incandescent/halogen lamp dimmers**

#### Plug-in lamp dimmers

Single-pole 120V 300W	TT-300NLH- <b>XX</b> <sup>2</sup>
--------------------------	-----------------------------------

#### eco-dim dimmer<sup>†</sup>

Single-pole 120V 300W	TT-300NLGH- <b>XX</b> <sup>1</sup>
--------------------------	------------------------------------

- 💡 **Incandescent/halogen lamp dimmer**

#### Plug-in lamp dimmers

Single-pole 120V 300W	TT-300H- <b>XX</b> <sup>1</sup>
--------------------------	---------------------------------

**XX<sup>1</sup>**: Available in White (WH), Brown (BR) and Black (BL), see pg. 127

**XX<sup>2</sup>**: Available in White (WH), Brown (BR), see pg. 127

<sup>†</sup>Maximum light output of 85% guarantees 15% energy savings over standard switches.



Shown actual size: Attaché lamp dimmer in White (LC-300NLH-WH).

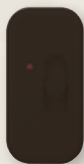
## Available finishes

Use **BOLD** color code in model number  
(Example: TT-300NLH-**BR**)

Gloss finishes



**WH**  
White




**BR**  
Brown

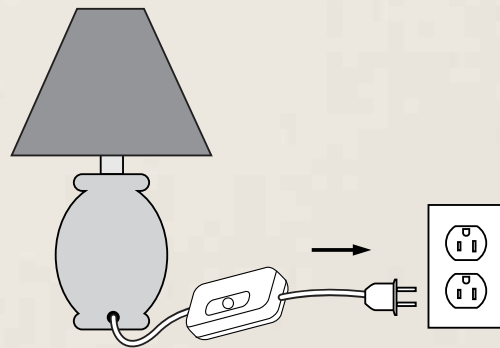
## Product family features

- Convenient full range dimmers for table and floor lamps
- Use a standard light bulb instead of costly 3-way bulbs
- LED glows softly as a locator light (optional feature)
- Connect the Attaché dimmer to the lamp cord
- For use with SPT-2 lamp cords only
- For detailed information, see Application Notes #91 (Guide to Dimming Table Lamps) by visiting [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes)

## Direct load type compatibility

-  Incandescent/halogen lighting

## Installation



Download high resolution product image

### On-cord lamp dimmer



- Slide up to on/brighten, down to dim/off
- Attaches to lamp cord
- Available in White (WH)

### On-cord lamp dimmer with locator light



- Slide up to on/brighten, down to dim/off
- Attaches to lamp cord
- Includes red LED locator light
- Available in White (WH) and Brown (BR)

 **Incandescent/halogen lamp dimmer**

On-cord lamp dimmers

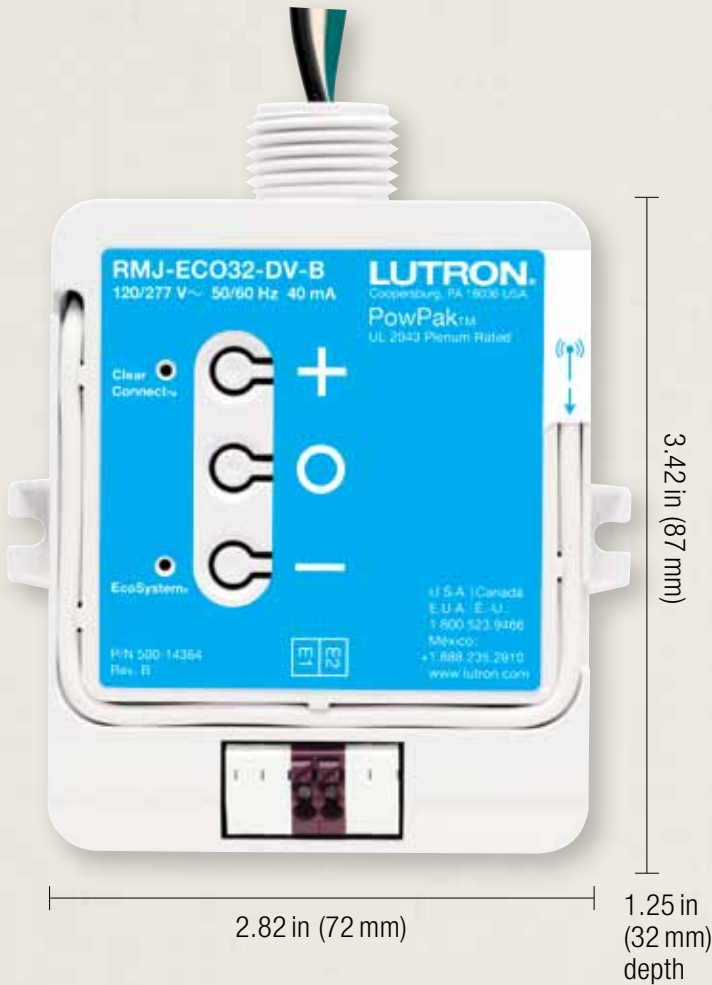
Single-pole	LC-300H-WH
120V 300W	

 **Incandescent/halogen lamp dimmer**

On-cord lamp dimmers

Single-pole	LC-300NLH- <b>XX</b> <sup>1</sup>
20V 300W	

**XX**<sup>1</sup>: Available in White (WH), Brown (BR), see pg. 129



Shown actual size: PowPak dimming module with EcoSystem® (RMJ-ECO32-DV-B). All PowPak modules are the same size.

### Features and capacities

- Receives input from up to 9 Pico® wireless controls (pg. 151), 6 Radio Powr Savr™ occupancy/vacancy sensors (pg. 143), and 1 Radio Powr Savr daylight sensor (pg. 147) via Lutron reliable Clear Connect® RF technology
- Save energy with the addition of occupancy/vacancy sensing, daylight harvesting, and personal control without the need for additional wires
- Simple button-presses associate the module with Radio Powr Savr sensors and Pico wireless controls
- Button-press programming means no special commissioning is required
- Mounts through a 1/2" NPT trade size knock-out to a junction box or to a fixture
- Can also be mounted inside of a standard 4" x 4" junction box
- RF range of 30 ft (10m)
- Communicates at 434 MHz frequency

### Direct load type compatibility

#### PowPak dimming module with EcoSystem®

- ☑ Fluorescent (EcoSystem)
- ⦿ LED (EcoSystem)

#### PowPak relay module

- ⬆ General purpose

#### PowPak contact closure module

- ⬆ General purpose
- ⚡ Low-voltage resistive

- Download PowPak dimming module with EcoSystem specification submittal
- Download PowPak relay module specification submittal
- Download PowPak 5A relay module specification submittal
- Download PowPak contact closure output module specification submittal
- Download high resolution product image

## Dimming module with EcoSystem



- Controls up to 32 EcoSystem®, EcoSystem H-Series, or Hi-lume® 3D ballasts, or Hi-lume A-Series LED drivers
- EcoSystem technology facilitates individual ballast addressing for control of ballasts individually and/or in groups
- Simple reconfiguration of the space is possible without having to move wires

### PowPak dimming module with EcoSystem

120/277 V @ 50/60 Hz

(operates at 434MHz)

#### Dimming module with EcoSystem

Dimming module with EcoSystem	RMJ-ECO32-DV-B
-------------------------------	----------------

## Contact closure module



- Single dry contact closure output device
- Voltage: 24 V AC/DC
- Maximum load of 1 A @ 24 VDC or 0.5 A @ 24 VAC; no minimum load required

### PowPak contact closure module

24 V AC/DC

(operates at 434MHz)

#### Contact closure module

1 contact closure output	RMJ-CCO1-24-B
--------------------------	---------------

## Relay module



- **5 A general purpose switch**
  - motor rating: 1/6 HP (120V), 1/3HP (277V)
- **16 A general purpose switch**
  - motor rating: 0.5 HP (120V), 1.5 HP (277V)
- Available with dry contact closure output for integration with third-party equipment; provides occupancy status
- 16A model uses patented Softswitch® technology to extend relay life to average 1,000,000 cycles

### PowPak relay module

120/277 V @ 50/60 Hz

(operates at 434MHz)

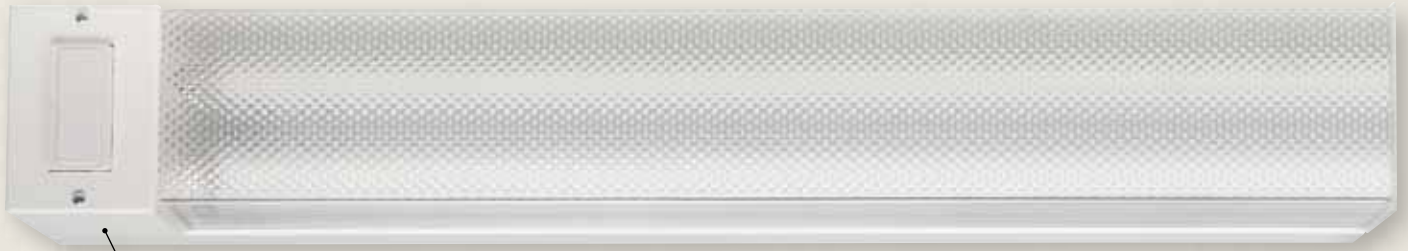
#### Relay module

5 A relay module	RMJ-5R-DV-B
------------------	-------------

5 A relay module with occupancy-status contact closure output	RMJ-5RCCO1-DV-B
---	-----------------

16 A relay module with Softswitch	RMJ-16R-DV-B
-----------------------------------	--------------

16 A relay module with Softswitch and occupancy-status contact closure output	RMJ-16RCCO1-DV-B
---	------------------



Shown: PowPak stairwell fixture; lamps not included

## Product family features

- Lighting fixture solution that automatically adjusts light output based on stairwell occupancy
- Utilizes a Lutron digital dimming ballast preprogrammed to occupied and unoccupied light levels that are specific to a project's code requirements
- Integral dimmer receives signal from Radio Powr Savr™ occupancy/vacancy sensors (sold separately— see pg. 143) via Lutron reliable Clear Connect® RF technology
- Compatible with GE, Philips and Sylvania lamps (not provided by Lutron)
- Provides the flexibility to determine occupancy/vacancy sensor quantities, mounting configuration, and placement per the stairwell design
- 120/277 V universal input voltage
- Ceiling or wall surface mount
- 2-ft, 3-ft and, 4-ft fixtures available for one or two T8, T5 HE, and T5 HO lamps
- 8-ft available for two or four T8 lamps
- Optional emergency ballast battery backup (except 2-ft versions)
- Reduced wattage fixtures available for T8 lamps
- Vandal-resistant fixture also available
- LED lamp options coming soon
- For model numbers visit [www.lutron.com/fixtures](http://www.lutron.com/fixtures)

Download stairwell fixture specification submittal  
Download vandal-resistant stairwell fixture specification submittal  
Download high resolution product image



### Stairwell fixture\*



- 2-ft, 3-ft, and 4-ft fixtures available for one or two lamps for T8, T5 HE, and T5 HO lamps
- 8 ft available two or four T8 lamps

### Vandal-resistant stairwell fixture\*



- Heavy-duty solution with vandal-proof lens and hidden wireless control
- Ideal for use in public spaces
- 2-ft and 4-ft fixtures available for one or two T8, T5 HE, and T5 HO lamps

\*For model numbers visit [www.lutron.com/fixtures](http://www.lutron.com/fixtures)



### Product family features

- Battery-powered, wire-free, remote controlled shades
- Ultra-quiet operation
- Lutron Triathlon® power technology utilizes a hybrid drive design and ultra-efficient standby power, which extends the battery life to 3 years\*
- Adjust shades with a handheld or wall-mounted remote control from anywhere in the room
- Set multiple shades in motion with a single button press
- Shades are offered in a variety of fabrics, colors, styles and textures; room darkening fabrics enhance privacy
- Air pockets trap heat to provide superior insulation for enhanced HVAC energy efficiency
- Manual version also available
- For more information visit [www.lutron.com/serena](http://www.lutron.com/serena)

Download high resolution product image

\* 3-year battery life based on 2 complete up and 2 complete down movements per day assuming a 3 ft wide by 5 ft tall shade using light-filtering fabric. Battery life can vary between 2 to 5 years depending on shade size and fabric selection.

### Mounting options

#### Inside mount



- Mounts inside the window frame
- Customized to window width and height

#### Outside mount



- Mounts either on or above the window frame and extends to the edge of the molding
- Customized to window width and height

### Remote control options

#### Pico® wireless remote control



- Communicates using Lutron reliable Clear Connect® RF technology
- Ideal for a window with drapery, a valance, or a cornice because the remote's signal doesn't require line-of-sight
- For more information on Pico wireless controls see pg. 157

- Pico mounting options



Wall-mount



Tabletop pedestal



Handheld

#### Infrared (IR) remote control



- Sends a signal from the remote control to the shade via line-of-sight
- Compatible with many universal remote controls
- IR shades are not recommended for a window with drapery, a valance, or a cornice because these window treatments will obstruct the line-of-sight



Shown actual size: Maestro dimmer with occupancy/vacancy sensor and 1-gang Claro® wallplate in White (WH).

**Product family features**

- Available as a dimmer or switch with sensor
- Will turn lights on as you enter a room and off after the room is vacated
- Occupancy/vacancy (auto-on/auto-off or manual-on/auto-off) or vacancy-only (manual-on/auto-off) versions available
- Vacancy models meet California Title 24 Section 119(j) requirements
- **eco-dim**® model available
- 120/277 VAC dual voltage switch option
- Sensor must have unobstructed view and line-of-sight to room occupants
- 180° sensor field-of-view
- Passive infrared motion detection with dependable Lutron XCT™ technology for fine motion detection
- Up to 30 ft x 30 ft major motion and 20 ft x 20 ft minor motion coverage
- Mechanical air-gap to disconnect load power (dimmer only)
- Not compatible with power boosters
- Coordinating Claro®, Satin Colors® and Stainless Steel wallplates only available separately
- Engraving and custom colors available, for additional information, see pg. 164

**Control types**

- Single-pole (one location)
- 3-way—available for switch version only (two locations)
- Multi-location (up to 10 locations)

**Direct load type compatibility**

**Dimmer**

- Incandescent/halogen lighting

**Switch**

- Incandescent/halogen lighting
- Dimmable CFL/LED lighting (screw-base)
- Magnetic low-voltage lighting
- Electronic low-voltage lighting
- Fluorescent lighting

Download Maestro sensing dimmer specification submittal  
 Download Maestro sensing switch specification submittal  
 Download high resolution product image

**Available finishes**

Use **BOLD** color code in model number (Example: MS-OP600M-**MN**)

Gloss finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black

Satin finishes\*



**SW**  
Snow



**LS**  
Limestone



**BI**  
Biscuit



**ES**  
Eggshell



**PD**  
Palladium



**TP**  
Taupe



**ST**  
Stone



**BG**  
Bluestone



**PL**  
Plum



**SG**  
Sea Glass



**TQ**  
Turquoise



**GS**  
Goldstone



**DS**  
Desert Stone



**GB**  
Greenbriar



**MS**  
Mocha Stone



**TC**  
Terracotta



**SI**  
Sienna



**HT**  
Hot



**MR**  
Merlot



**MN**  
Midnight



**SS**  
Stainless Steel

\*Coordinating wallplates only available separately. For wallplate information, see pg. 169.

Stainless Steel wallplate includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

### Sensors with dimmer



- Adjustable timeout— 1, 3, 5, 15, or 30 minutes
- Occupancy/vacancy version can be easily programmed to work as vacancy (manual-on) sensor
- Optional off warning dims the lights by 50%, 30 seconds before the lights turn off
- High-low sensitivity adjustment
- Standard Maestro dimmer features: locked preset, fade-to-on and fade-to-off
- **eco-dim**® model guarantees at least 15% energy savings and triples lamp life compared to a standard switch†
- Works with up to nine companion dimmers; see pg. 55

### 💡 Incandescent/halogen\*\*

Occupancy/vacancy sensor with digital fade dimmer

Multi-location/single-pole MS-OP600M-**XX**<sup>1</sup>  
120V 600W

Occupancy/vacancy sensor with eco-dim dimmer†

Multi-location/single-pole MS-OP600GHW-**XX**<sup>2</sup>  
120V 600W

Vacancy sensor with digital fade dimmer (CA Title 24 compliant)

Multi-location/single-pole MS-VP600M-**XX**<sup>1</sup>  
120V 600W

Vacancy sensor with eco-dim dimmer† (CA Title 24 compliant)

Multi-location/single-pole MS-VP600GHW-**XX**<sup>2</sup>  
120V 600W

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 138

**XX**<sup>2</sup>: Available in Gloss White (WH), Ivory (IV), Almond (AL), Light Almond (LA), see pg. 138 (Wallplates not included. Order separately, see pg. 169)

All models must be derated if ganged unless otherwise noted, see pg. 179.

\*\*Minimum load is 40W/VA.

†Maximum light output of 85% guarantees 15% energy savings over standard switches.

### Sensors with switch



- Adjustable timeout— 1, 5, 15, or 30 minutes
- Occupancy/vacancy version can be easily programmed to work as vacancy (manual-on) sensor
- High-low sensitivity adjustment
- 6 A (120/277 V) switch controls incandescent, halogen, MLV, ELV, non-dim fluorescent, non-dim LED, and general purpose fans
- 2 A and 5 A switches control incandescent, halogen, MLV, ELV, non-dim LED and non-dim fluorescent; 5 A version also controls general purpose fans
- Works with up to nine companion switches; see pg. 58
- Works with a mechanical 3-way switch

### Switches

#### Occupancy/vacancy sensor with switch

Single-pole	MS-OPS2- <b>XX</b> <sup>1</sup>
120V 2A lighting	
Multi-location/3-way/ single-pole	MS-OPS5M- <b>XX</b> <sup>1</sup>
120V 5A lighting	
1/10HP @ 120V 3A fan	

#### Occupancy/vacancy sensor with dual voltage switch

Multi-location/3-way/ single-pole	MS-OPS6M2-DV- <b>XX</b> <sup>1</sup>
120V or 277V 6A lighting	
1/10HP @ 120V 3A fan	
Multi-location/3-way/ single-pole	MS-OPS6M2N-DV- <b>XX</b> <sup>1*</sup>
120V or 277V 6A lighting	
1/10HP @ 120V 3A fan	

#### Vacancy sensor with switch (CA Title 24 compliant)

Single-pole	MS-VPS2- <b>XX</b> <sup>1</sup>
120V 2A lighting	
Multi-location/3-way/ single-pole	MS-VPS5M- <b>XX</b> <sup>1</sup>
120V 5A lighting	
1/10HP @ 120V 3A fan	

#### Vacancy sensor with dual voltage switch (CA Title 24 compliant)

Multi-location/3-way/ single-pole	MS-VPS6M2-DV- <b>XX</b> <sup>1</sup>
120V or 277V 6A lighting	
1/10HP @ 120V 3A fan	
Multi-location/3-way/ single-pole	MS-VPS6M2N-DV- <b>XX</b> <sup>1*</sup>
120V or 277V 6A lighting	
1/10HP @ 120V 3A fan	

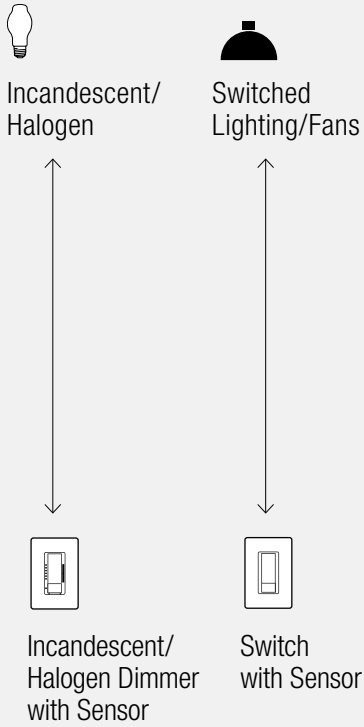
All of the above do not need to be derated if ganged.

**XX**<sup>1</sup>: Gloss and Satin Colors® codes, see pg. 138 (Wallplates not included, order separately, see pg. 169)

For more information on occupancy/vacancy sensors, visit [www.lutron.com/occsensors](http://www.lutron.com/occsensors).  
\*Requires neutral wire connection.

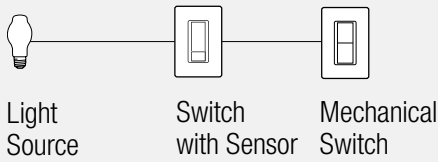
**Connections overview**

**Load connections\***

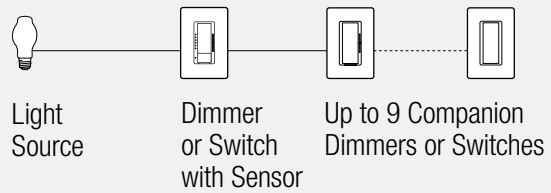


**Control types** (for up to 2 locations)

Switch from 2 locations



Switch or dim from multiple locations (up to 10)



**\*For illustration purposes only.**  
Consult model number pages for specific  
voltage and capacity information.

[Download complete Connection Diagrams](#)



**Accessories**

**Wallplates**



Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

For more information  
about Designer wallplates,  
see pg. 169.

**Coordinated electrical devices**



Tamper resistant  
GFCI receptacle

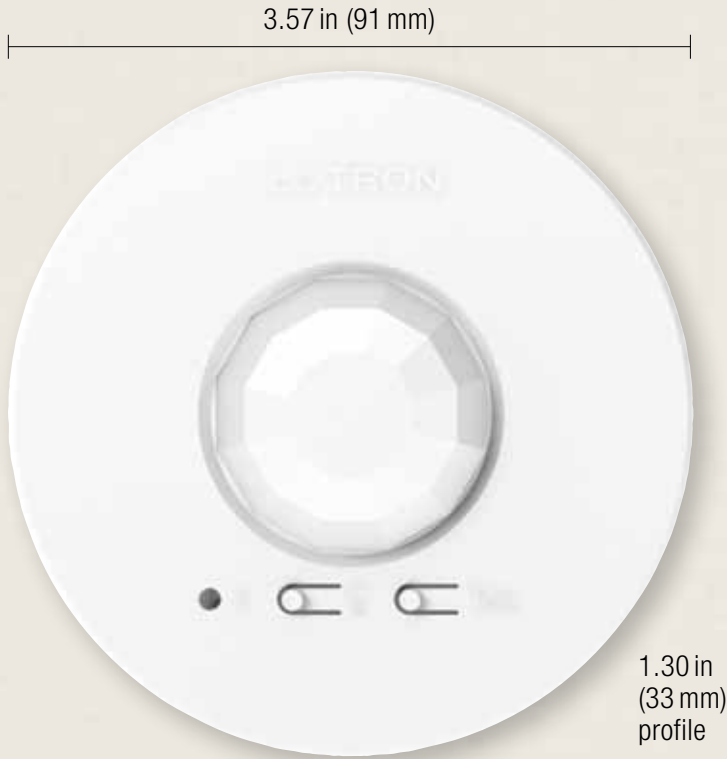


Customizable  
6-port frame



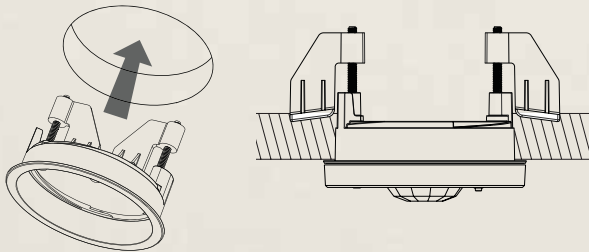
Cable jack

For more information  
about coordinated  
Designer electrical  
devices, see pg. 172.



Shown actual size: Radio Powr Savr wireless ceiling-mount occupancy/vacancy sensor in White (LRF2-OCR2B-WH)

### Installation



Can be recess mounted (recess mounting bracket sold separately)

### Product family features

- Simple installation with no wiring
- **Requires compatible receiving device** (sold separately)
- Communicates via Lutron reliable Clear Connect® Radio Frequency (RF) technology to Lutron wireless devices including: Maestro Wireless® (pg. 73), PowPak® modules (pg. 131), PowPak plug-in modules (pg. 125), and PowPak stairwell fixtures (pg. 133)
- Exclusive Lutron XCT™ Technology for fine motion detection, 360° coverage
- Comes with masking to restrict degrees of coverage
- Also compatible with Lutron systems and international devices found in Specification Guide Volumes 2 and 3
- Operates at 434 MHz
- Occupancy/vacancy has auto-on/auto-off, manual on/auto-off, or auto-on low light/auto-off control
- Vacancy model has manual on/auto-off control to meet California Title 24 section 119(j) requirements
- Timeout options include 1, 5, 15, and 30 minutes
- Multiple sensors can be added for extended coverage—refer to receiving device product specification submittals to determine system limits
- For indoor use only; temperature: 32° F–104° F (0° C–40° C)
- Battery included; 10-year battery life design
- Available in White (WH)
- Recommended for 8–12 ft (2.4–3.7 m) ceilings
- Mount within 60 ft (18 m) line-of-sight or 30 ft (9.1 m) through walls of the receiving devices
- Can be recess or surface mounted to solid or drop ceilings (recess mounting bracket sold separately)

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[Download high resolution product image](#)

### Occupancy/vacancy sensor



- Auto-on/auto-off, manual on/auto-off or auto-on low light/auto-off
- 360° field-of-view

### Vacancy sensor



- Manual on/auto-off only
- California Title 24 compliant
- 360° field-of-view

#### Ceiling-mount sensor

Occupancy/vacancy sensor LRF2-OCR2B-P-WH

#### Ceiling-mount sensor

Vacancy sensor LRF2-VCR2B-P-WH

#### Accessories

Accessory kit	L-CMDPIRKIT
Recess-mounting bracket	L-CRMK-WH

#### Wireless ceiling-mount sensor coverage range

Ceiling height	Maximum room dimensions for complete floor coverage	Square feet
8 ft (2.4 m)	18 x 18 ft (5.5 x 5.5 m)	324 ft <sup>2</sup> (30.2 m <sup>2</sup> )
9 ft (2.7 m)	20 x 20 ft (6.1 x 6.1 m)	400 ft <sup>2</sup> (37.2 m <sup>2</sup> )
10 ft (3.0 m)	22 x 22 ft (6.7 x 6.7 m)	484 ft <sup>2</sup> (44.9 m <sup>2</sup> )
12 ft (3.7 m)	26 x 26 ft (7.9 x 7.9 m)	676 ft <sup>2</sup> (62.4 m <sup>2</sup> )



Shown actual size: Radio Powr Savr wall-mount occupancy/vacancy sensor in White (WH)

#### Product family features

- Simple installation with no wiring
- **Requires compatible receiving device** (sold separately)
- Communicates via Lutron reliable Clear Connect® Radio Frequency (RF) technology to Lutron wireless devices including: Maestro Wireless® (pg. 73), PowPak® modules (pg. 131), PowPak plug-in modules (pg. 125), and PowPak stairwell fixtures (pg. 133)
- Also compatible with Lutron systems found in Specification Guide Volumes 2 and 3
- Operates at 434 MHz
- Occupancy/vacancy has auto-on/auto-off and manual on/auto-off
- Vacancy model has manual on/auto-off control to meet California Title 24 section 119(j) requirements
- Three models available:
  - Wall-mount: 180° field-of-view
  - Corner-mount: 90° field-of-view
  - Hallway: Long, narrow field-of-view for deeper coverage
- Timeout options include 1, 5, 15, and 30 minutes
- Multiple sensors can be added for extended coverage—refer to receiving device product specification submittals to determine system limits
- Units do not have a low light level setting
- Available in White (WH)
- For indoor use only; temperature: 32°F–104°F (0°C–40°C)
- Battery included; 10-year battery life design
- Recommended mounting height 6–8 ft (1.8–2.4 m) from floor
- Mount within 60 ft (18 m) line-of-sight or 30 ft (9 m) through walls of the receiving devices
- Temporary mounting hardware (included) allows for optimum sensor placement and coverage
- Mounts on wall, not in wallbox

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[Download high resolution product image](#)

### Occupancy/vacancy sensor



- Auto-on/auto-off, manual on/auto-off
- Wall-mount: 180° field-of-view
- Corner-mount: 90° field-of-view
- Hallway: Long, narrow field-of-view for deeper coverage

### Vacancy sensor



- Manual on/auto-off only
- California Title 24 compliant
- Wall-mount: 180° field-of-view
- Corner-mount: 90° field-of-view
- Hallway: Long, narrow field-of-view for deeper coverage

#### Sensors

Hallway mount	LRF2-OHLB-P-WH
Corner-mount	LRF2-OKLB-P-WH
Wall-mount	LRF2-OWLB-P-WH

#### Sensors

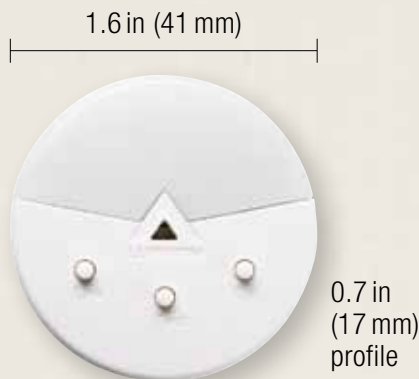
Hallway mount	LRF2-VHLB-P-WH
Corner-mount	LRF2-VKLB-P-WH
Wall-mount	LRF2-VWLB-P-WH

#### Wall/corner wireless sensor coverage range

Mounting	Maximum room dimensions for complete floor coverage	Square feet
Wall	50 x 60ft (15.2 x 18.3m)	3000ft <sup>2</sup> (278.7 m <sup>2</sup> )
Corner	50 x 50ft (15.2 x 15.2m)	2500ft <sup>2</sup> (232.3 m <sup>2</sup> )

#### Hallway mount wireless sensor coverage range

Width of hall	Length of hall
6ft (1.6m) or less	50ft (15.2m)
8ft (2.4m)	100ft (30.5m)
10ft (3.06m) or more	150ft (45.7m)



Shown actual size: Radio Powr Savr wireless daylight sensor in White (LRF2-DCRB-WH).

## Product family features

- Simple installation with no wiring
- **Requires compatible receiving device** (sold separately)
- Communicates via Lutron reliable Clear Connect® Radio Frequency (RF) technology to Lutron wireless devices including: Maestro Wireless® (pg. 73), PowPak® modules (pg. 131), and PowPak plug-in modules (pg. 125)
- Also compatible with Lutron systems found in Specification Guide Volumes 2 and 3
- Operates at 434 MHz
- Detects light level and relays information back to compatible RF devices
- Proportional open loop system allows the signal to vary during the course of the day
- Suitable for use with light levels up to 10,000 ftc
- Limit one sensor per receiving device
- Avoid placing the sensor in direct sunlight or harsh shadows
- Available in White (WH)
- For indoor use only; temperature: 32° F–104° F (0° C–40° C)
- Battery included; 10-year battery life design
- Mount within 60 ft (18 m) line-of-sight or 30 ft (9.1 m) through walls, of the receiving devices
- Built-in test-mode and temporary mounting hardware (included) allows for optimum sensor placement and coverage

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[Download high resolution product image](#)



**Sensor**

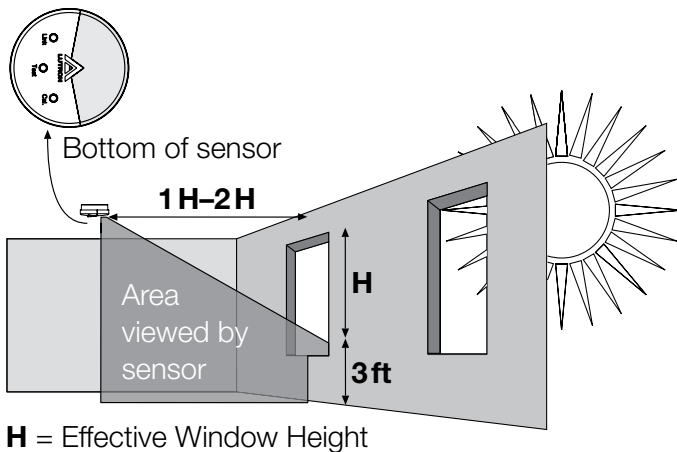
Daylight sensor	LRF2-DCRB-WH
-----------------	--------------

Determine the daylight sensor mounting location using the diagram below:

- Place the daylight sensor so the viewing area is centered on the nearest window at a distance from the window of one to two times the effective window height (H)
- The effective window height (H) starts at the window sill or 3 ft (1 m) up from the floor, whichever is higher, and ends at the top of the window
- Do not position the daylight sensor in the well of a skylight or above indirect lighting fixtures
- For narrow areas where the daylight sensor cannot be placed 1 H–2H from windows, place sensor near windows facing into space

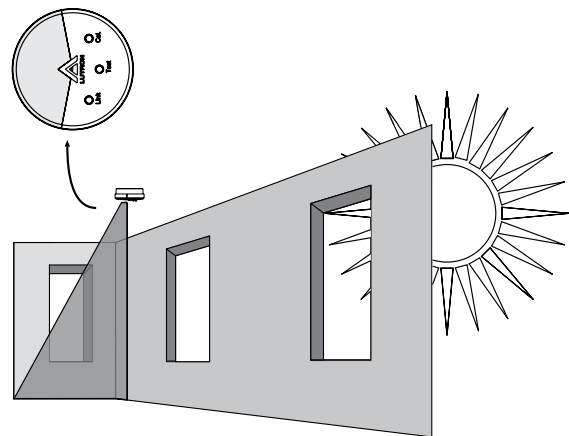
**Location for average size areas**

Arrow points toward the area viewed by the sensor (toward windows)



**Location for narrow areas (corridors, private offices)**

Arrow points toward the area viewed by the sensor (away from window)





**Product family features**

- Offer a direct and quick replacement of wall switches for standalone line voltage switching in small spaces
- Heavy-duty sensor lens
- No power pack required
- LED test indicator

**Control types**

- 🔌 Single-pole (one location)

**Direct load type compatibility**

- 💡 Incandescent/halogen lighting
- 🔌 Fluorescent lighting

Shown actual size: LOS wall switch occupancy sensor in White (WH).

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[Download high resolution product image](#)



### Switches with passive infrared heavy-duty sensor\*



- Dual 120/277V operation
- Integral adjustable light level sensor
- No minimum load requirement
- 180° field of view
- Adjustable time delay from 30 seconds to 30 minutes
- Available in White (WH)
- Heavy-duty lens to prevent damage
- Works with all electronic ballasts
- Wallplate included

### Switches with passive infrared two circuit heavy-duty sensor\*



- Dual 120/277V operation
- Integral adjustable light level sensor
- No minimum load requirement
- 180° field of view
- Adjustable time delay from 30 seconds to 30 minutes
- Available in White (WH)
- Heavy-duty lens to prevent damage
- Dual-level switching allows for two primary input circuits, each with independent switching
- Works with all electronic ballasts
- Wallplate included

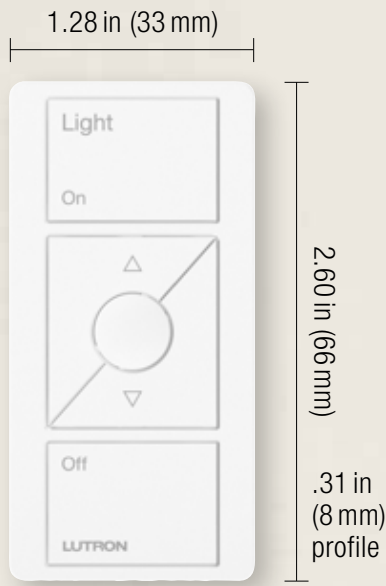
#### **Passive infrared heavy-duty\***

Passive infrared manual-on residential	
120/277V	LOS-SIR-HD-WH

#### **Passive infrared two circuit heavy-duty\***

Passive infrared	
120/277V	LOS-S2IR-HD-WH

\*Product requires ground connection.



Shown actual size: 3-button with raise/lower  
Pico in White (PJ-3BRL-GWG-T01)

## Product family features

- Wireless master control from any location
- **Requires compatible receiving device** (sold separately)
- Available in a variety of colors and button configurations with predetermined button labeling
- Control a single light/shade or a group of lights/shades
- Can be wall-mounted (using wallplate adaptor kit), mounted on a tabletop pedestal, kept on a car visor clip, or used as a handheld control
- Simple to install in single-gang or multi-gang applications with Claro® wallplates
- Battery included; 10-year battery life
- Communicates via Lutron Clear Connect® Radio Frequency (RF) technology to other wireless devices, including: Maestro Wireless® (pg. 73), PowPak® modules (pg. 131), PowPak plug-in modules (pg. 125), and Serena® battery-powered shades (pg. 135)
- Compatible with additional Lutron solutions and systems found in Specification Guide Volumes 2 and 3
- Operates at 434 MHz frequency
- RF range of 100 ft (30 m) line-of-sight, 30 ft (9 m) through walls and floors to other compatible RF devices

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[Download high resolution product image](#)

## Available finishes

Use **BOLD** color code in model number (Example: PJ-3BRL-**GWH**-T01)

### Gloss finishes

(available for most button configurations)



**WH**  
White



**WG**  
White/Gray



**IV**  
Ivory



**LA**  
Light Almond



**BL**  
Black

### White color palette in all models



2-button



3-button

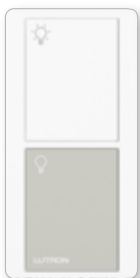


2-button  
with raise/lower

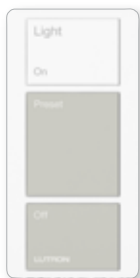


3-button  
with raise/lower

### White/Gray color palette in all models



2-button



3-button



2-button  
with raise/lower



3-button  
with raise/lower

### Pedestal finishes



**WH**  
White



**BL**  
Black

## Mounting options

### Single pedestal for tabletops

(L-PED1-)



### Dual pedestal for tabletops

(L-PED2-)



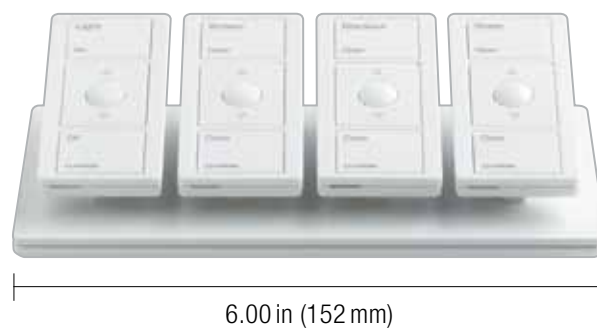
### Triple pedestal for tabletops

(L-PED3-)



### Quad pedestal for tabletops

(L-PED4-)



### Wall-mount

(no wallbox required)



### Car visor clip

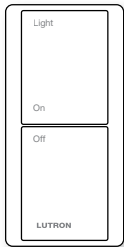
(PICO-CARVISOR-CL)



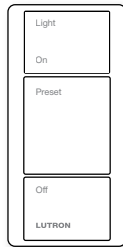
Pico mounted inside a 1-gang Claro® wallplate in White (CW-1-WH), see pg. 169 (adapter plate required PICO-FP-ADAPT)

## Engraving options with model number engraving codes

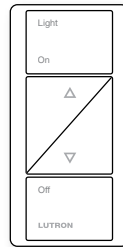
### Light – Text



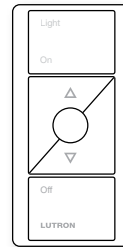
2-button (T01)



3-button (T01)

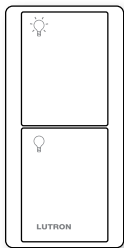


2-button with raise/lower (T01)

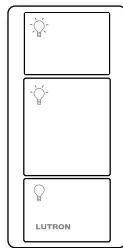


3-button with raise/lower (T01)

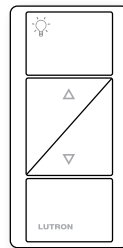
### Light – Icons



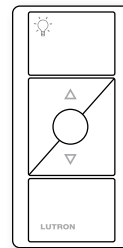
2-button (I01)



3-button (I01)

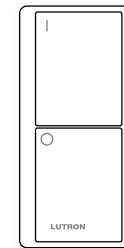


2-button with raise/lower (I01)



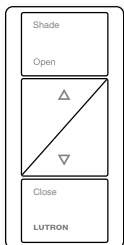
3-button with raise/lower (I01)

### Power – Icons

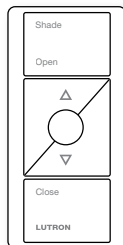


2-button (I14)

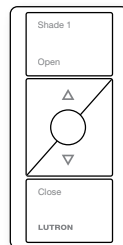
### Automated Window Treatments – Text



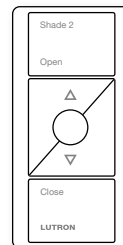
2-button with raise/lower Shade (T02)



3-button with raise/lower Shade (T02)

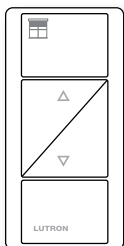


3-button with raise/lower Shade 1 (T05)

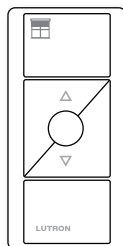


3-button with raise/lower Shade 2 (T06)

### Automated Window Treatments – Icons

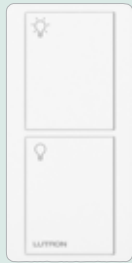


3-button with raise/lower Shade (I02)



3-button with raise/lower Shade (I02)

## 2-button wireless controls



- On/off function
- Simple press and hold set-up
- Light text engraving
- Light icon engraving
- Power icon engraving
- Control lights or switched loads

### Pico wireless control

#### 2-button Pico (434 MHz)

Light text	PJ-2B-G <b>XX</b> <sup>1</sup> -T01
Light icon	PJ-2B-G <b>XX</b> <sup>1</sup> -I01
Power icon	PJ-2B-G <b>XX</b> <sup>1</sup> -I14

## 3-button wireless controls



- On/off and favorite function
- Simple press and hold set-up
- Light text engraving
- Light icon engraving

### Pico wireless control

#### 3-button Pico (434 MHz)

Light text	PJ-3B- <b>XX</b> <sup>1</sup> -T01
Light icon	PJ-3B- <b>XX</b> <sup>1</sup> -I01

**XX**<sup>1</sup>: Available in limited Gloss colors, see pg. 152

## 2-button with raise/lower wireless controls



- On/off and raise/lower function
- Simple press and hold set-up
- Light or shade text engraving
- Light or shade icon engraving
- Adjust lights or shades from anywhere in a room

### Pico wireless control

#### 2-button with raise/lower Pico (434 MHz)

Light text	PJ-2BRL-G <del>XX</del> <sup>1</sup> -T01
Light icon	PJ-2BRL-G <del>XX</del> <sup>1</sup> -I01
Shade text	PJ-2BRL-G <del>XX</del> <sup>1</sup> -T02
Shade icon	PJ-2BRL-G <del>XX</del> <sup>1</sup> -I02

## 3-button with raise/lower wireless controls



- On/off, raise/lower, and favorite function
- Simple press and hold set-up
- Light or shade text engraving
- Light or shade icon engraving
- Adjust lights or shades from anywhere in a room

### Pico wireless control

#### 3-button with raise/lower Pico (434 MHz)

Light text	PJ-3BRL-G <del>XX</del> <sup>1</sup> -T01
Light icon	PJ-3BRL-G <del>XX</del> <sup>1</sup> -I01
Shade text	PJ-3BRL-G <del>XX</del> <sup>1</sup> -T02
Shade icon	PJ-3BRL-G <del>XX</del> <sup>1</sup> -I02
Shade 1 text	PJ-3BRL-G <del>XX</del> <sup>1</sup> -T05
Shade 2 text	PJ-3BRL-G <del>XX</del> <sup>1</sup> -T06

### Accessories

#### Tabletop Pedestal

Single pedestal	L-PED1- <del>XX</del> <sup>2</sup>
Dual pedestal	L-PED2- <del>XX</del> <sup>2</sup>
Triple pedestal	L-PED3- <del>XX</del> <sup>2</sup>
Quad pedestal	L-PED4- <del>XX</del> <sup>2</sup>

#### Pico Adapter

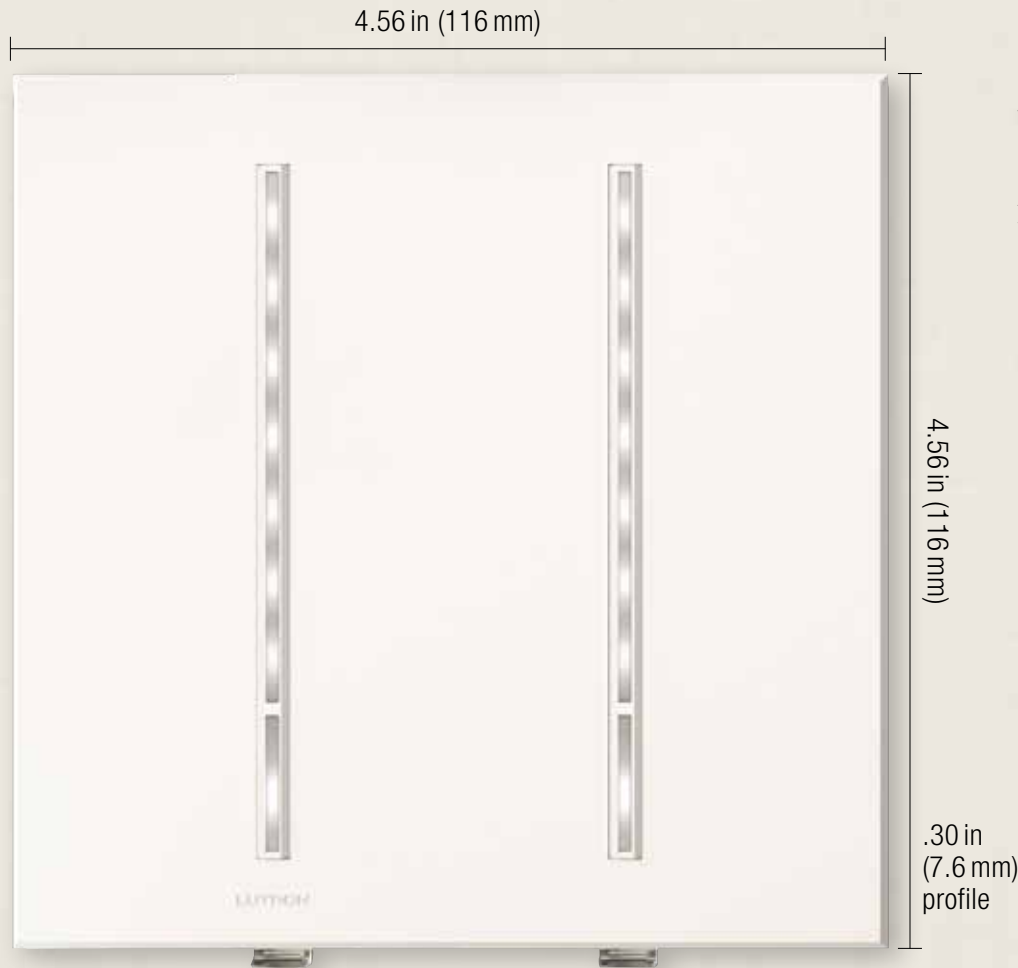
wall-mount kit	PICO-FP-ADAPT
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#### Car visor clip

car visor clip	PICO-CARVISOR-CL
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**XX<sup>1</sup>**: Available in limited Gloss colors, see pg. 152

**XX<sup>2</sup>**: Available in Gloss White (WH) and Black (BL), see pg. 152



Shown actual size:  
Vierti dimmers with White LED bar in a 2-gang New Architectural wallplate, all in White (WH).

## Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Vierti®
- All Lutron wallplates are screwless, seamless, and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- New Architectural wallplates are aesthetically matched to Architectural accessories to complete the look of any room
- Customize your New Architectural wallplate with engraving. Contact customer service to get started; 1.888.LUTRON1
- Matte finish wallplates can be custom colored to perfectly match a paint color number, swatch or sample. Contact customer service to get started; 1.888.LUTRON1

## Ganging and derating

- New Architectural wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging), see pg. 179
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 179



## Available finishes

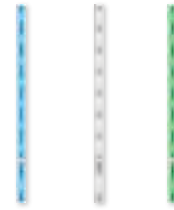
Use **BOLD** color code in model number (Example: VTW-1-**GR**)

Architectural matte finishes



**WH** White  
**LA** Light Almond  
**AL** Almond  
**BE** Beige

LED bar colors



**B** Blue  
**W** White  
**G** Green



**IV** Ivory  
**TP** Taupe  
**GR** Gray  
**SI** Sienna  
**BR** Brown  
**BL** Black

Architectural metal finishes\*



**BN** Bright Nickel  
**BC** Bright Chrome  
**CLA** Clear Anodized Aluminum  
**SC** Satin Chrome  
**SN** Satin Nickel  
**QZ** Antique Bronze



**BB** Bright Brass  
**BRA** Brass Anodized Aluminum  
**SB** Satin Brass  
**QB** Antique Brass  
**BLA** Black Anodized Aluminum

\*Metal finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls and accessories.

## Wallplates for Vierti® dimmers



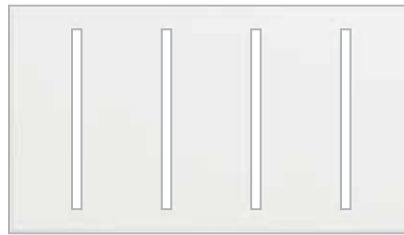
1-gang\* VTW-1-**XX**<sup>1</sup>  
 W: 2.75 in (70 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)



3-gang\* VTW-3-**XX**<sup>1</sup>  
 W: 6.32 in (161 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)



2-gang\* VTW-2-**XX**<sup>1</sup>  
 W: 4.56 in (116 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)



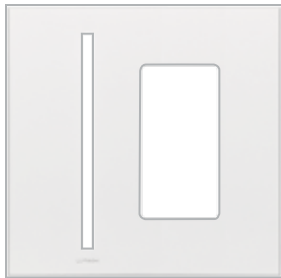
4-gang\* VTW-4-**XX**<sup>1</sup>  
 W: 8.45 in (215 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)

**XX<sup>1</sup>**: Architectural matte and Architectural metal color codes, see pg. 158

Controls must have heat-sink fins broken for multi-gang installations.  
 Multi-gang dimmer installations may require derating, see pg. 179.

\*Metal finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

## Custom Verti® wallplates\*\*



### Dimmer and designer receptacle

Left side Verti/  
right side receptacle\*      VTW-VR-**XX**<sup>2</sup>-CPW0944

Right side Verti/  
left side receptacle\*      VTW-RV-**XX**<sup>2</sup>-CPW0945

Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox. See Application Note #213 (Combining low-voltage and line voltage wiring devices in a multi-gang box) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

### 5-gang and 6-gang wallplates:

5-gang      VTW-5-**XX**<sup>2</sup>-CPW0915

5-gang\*      VTW-5-**XX**<sup>3</sup>

W: 9.978 in (253 mm); H: 4.56 in (116 mm);

P: .30 in (7.6 mm)

6-gang      VTW-6-**XX**<sup>2</sup>-CPW0916

6-gang\*      VTW-6-**XX**<sup>3</sup>

W: 11.79 in (299 mm); H: 4.56 in (116 mm);

P: .30 in (7.6 mm)

## LED bar color kits



- For easy replacement of new color LED bar and/or wallplate
- Wallplate included
- No tools required

Color kit\*

VT-CK-**D-XX**<sup>3</sup>

**XX**<sup>2</sup>: Architectural matte color codes, see pg. 158

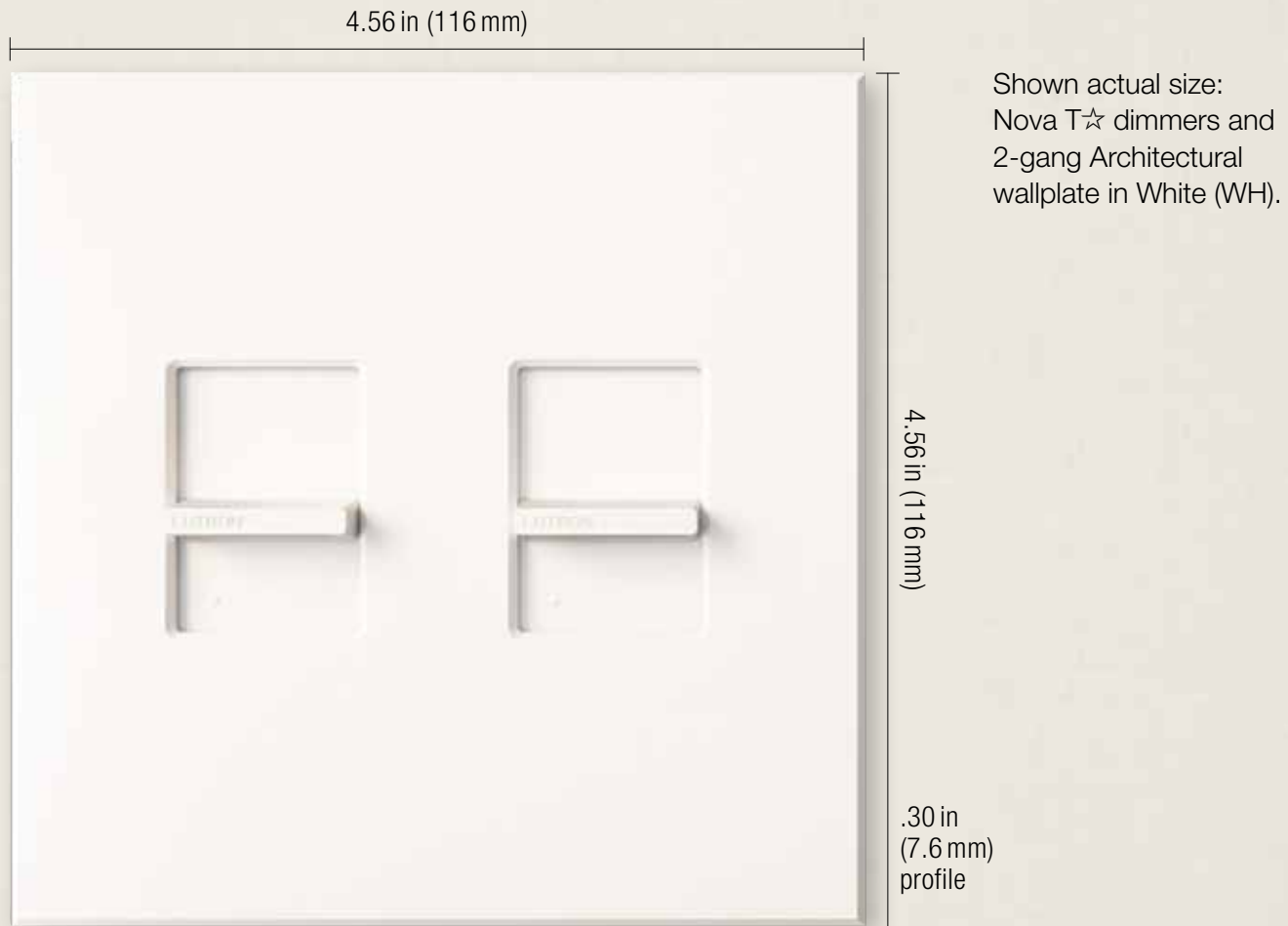
**XX**<sup>3</sup>: Architectural metal color codes, see pg. 158

**D**: LED bar color codes; Blue (B), White (W) and Green (G), see pg. 158

Multi-gang dimmer installations may require derating, see pg. 179.

\*Metal finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

\*\*Contact customer service at 1.800.LUTRON1 to order or to inquire about additional custom configurations.



## Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Vareo®, Nova T☆®
- All Lutron wallplates are screwless, seamless and have no visible hardware, the front plate securely snaps into the alignment adapter plate
- Customize your architectural wallplate with engraving or by adding a corporate logo. Contact customer service to get started; 1.888.LUTRON1
- Matte finish wallplates can be custom colored to perfectly match a paint color number, swatch or sample. Contact customer service to get started; 1.888.LUTRON1

## Ganging and derating

- Architectural wallplates in this section use standard ganging
- Requires fins to be removed from dimmers for proper spacing ("Fins Broken" ganging), see pg. 179
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 179
- Custom multi-gang wallplates required for the following cases
  - Full-capacity ganging ("No Fins Broken")
  - Large Nova T☆ controls (1500/2000W)
  - Nova® controls

For further information visit

[www.lutron.com/customganging](http://www.lutron.com/customganging).

## Available finishes

Use **BOLD** color code in model number (Example: WWP-1-**SI**)

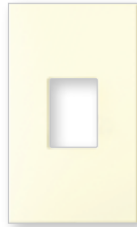
Architectural matte finishes



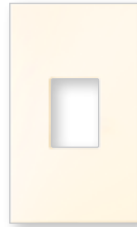
**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**BE**  
Beige



**IV**  
Ivory



**TP**  
Taupe



**GR**  
Gray



**SI**  
Sienna



**BR**  
Brown



**BL**  
Black

Architectural metal finishes\*



**BN**  
Bright Nickel



**BC**  
Bright Chrome



**CLA**  
Clear Anodized  
Aluminum



**SC**  
Satin Chrome



**SN**  
Satin Nickel



**QZ**  
Antique Bronze



**AU**  
Gold Plated



**BB**  
Bright Brass



**BRA**  
Brass Anodized  
Aluminum



**SB**  
Satin Brass



**QB**  
Antique Brass



**BLA**  
Black Anodized  
Aluminum

\*Metal finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

## Wallplates for Vareo® and Nova T<sup>☆</sup>® dimmers and architectural accessories



1-gang for one accessory\* **VWP-R-XX<sup>1</sup>**  
 W: 2.75 in (70 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)



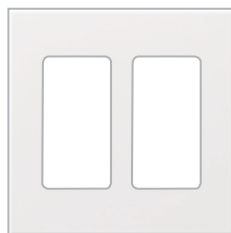
3-gang\* **VWP-3-XX<sup>1</sup>**  
 for three switches or dimmers  
 W: 6.32 in (161 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)



2-gang\* **VWP-2-XX<sup>1</sup>**  
 for two dimmers or switches  
 W: 4.56 in (116 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)



4-gang\* **VWP-4-XX<sup>1</sup>**  
 for four switches or dimmers  
 W: 8.45 in (215 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)

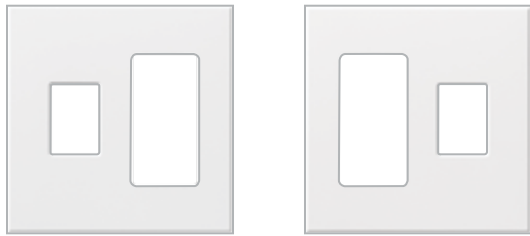


2-gang\* **VWP-2R-XX<sup>1</sup>**  
 for two accessories  
 W: 4.56 in (116 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)

**XX<sup>1</sup>**: Architectural matte color codes, see pg. 162  
 For metal finishes, contact Customer Service at 1.800.LUTRON1.

Multi-gang dimmer installations may require derating, see pg. 179.

\*Metal finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.



2-gang\* VWP-2CR-**XX**<sup>1</sup>  
 for one dimmer or switch and one accessory  
 W: 4.56 in (116 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)

2-gang\* VWP-2RC-**XX**<sup>1</sup>  
 for one accessory and one dimmer or switch  
 W: 4.56 in (116 mm); H: 4.56 in (116 mm);  
 P: .30 in (7.6 mm)

Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox. See Application Note #213 (Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

## Custom Architectural wallplates

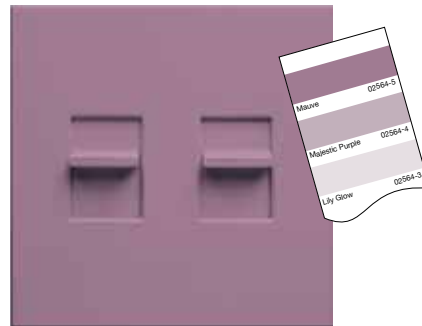
Custom configurations, colors, engraving, and silkscreenings available. Contact customer service 1.888.LUTRON1.

Custom multi-gang wallplates required for the following cases:

- Multi-gang metal finishes
- Full-capacity ganging ("No Fins Broken")
- Large Nova T<sup>☆</sup>® controls (1500/2000 W)
- Nova® controls

For further information, visit

[www.lutron.com/customganging](http://www.lutron.com/customganging).



Custom coloring available for all Architectural matte finish wallplates.



Custom engraving available for all Traditional, Designer, Architectural, and New Architectural style wallplates (except Stainless Steel).

For wallplate engraving schedules, go to [www.lutron.com/engraving](http://www.lutron.com/engraving).

**XX<sup>1</sup>**: Architectural matte color codes, see pg. 162  
 For metal finishes, contact Customer Service at 1.800.LUTRON1.

Multi-gang dimmer installations may require derating, see pg. 179.

\*Metal finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

## Cable jack



- F-style, 75-Ohm coaxial cable
- Includes 1-gang wallplate

Single cable jack\*

NT-CJ-**XX**<sup>1</sup>

## Telephone jack



- 6-conductor jack, RJ11
- Includes 1-gang wallplate

Single telephone jack\*

NT-PJ-**XX**<sup>1</sup>

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 162 (1-gang wallplate included)

\*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.



## Receptacles



- Includes 1-gang wallplate

### Tamper resistant receptacles\*

15A	125V	NTR-15-TR- <b>XX</b> <sup>1</sup>
20A	125V	NTR-20-TR- <b>XX</b> <sup>1</sup>

### Receptacles

15A	125V	NTR-15- <b>XX</b> <sup>1</sup>
20A	125V	NTR-20- <b>XX</b> <sup>1</sup>

## Isolated ground receptacles



- Receptacle is orange for easy ID and circuit delineation
- Model number color code is for wallplate only
- Includes 1-gang wallplate

### Isolated ground receptacles\*

15A	125V	NTR-15-IG-OR- <b>XX</b> <sup>1</sup>
20A	125V	NTR-20-IG-OR- <b>XX</b> <sup>1</sup>

## GFCI receptacles



- Press test button to confirm LED indicator status
- Press reset button to reset GFCI after circuit interruption
- Includes 1-gang wallplate

### Tamper resistant GFCI receptacles\*

15A	125V	GFCI	NTR-15-GFTR- <b>XX</b> <sup>1</sup>
20A	125V	GFCI	NTR-20-GFTR- <b>XX</b> <sup>1</sup>

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 162 (1-gang wallplate included)

\*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.

## Receptacles for dimming use (tamper resistant)



- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plug for dimming table and floor lamps
- Includes 1-gang wallplate
- Tamper resistant shutter mechanism

### Dual dimming tamper resistant\*

15 A	120/125 V	NTR-15-DDTR- <b>XX</b> <sup>1</sup>
20 A	120/125 V	NTR-20-DDTR- <b>XX</b> <sup>1</sup>

## Receptacles for half dimming use (tamper resistant)



- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plug for dimming table and floor lamps
- Bottom half is a general use receptacle and will fit standard duplex plugs
- Includes 1-gang wallplate
- Tamper resistant shutter mechanism

### Half dimming tamper resistant\*

15 A	120/125 V	NTR-15-HDTR- <b>XX</b> <sup>1</sup>
20 A	120/125 V	NTR-20-HDTR- <b>XX</b> <sup>1</sup>

## Replacement plugs for dimming (use with receptacles at left)



- This plug required for use with Lutron receptacles for dimming use—plug will work in standard receptacle
- Easily replaces the existing plugs on lamps

### Replacement plugs

120/125 V	RP-FDU-10-WH
White	
120/125 V	RP-FDU-10-BR
Brown	

UL/CSA/NOM regulatory approvals

### Important application notes:

- Receptacles and plugs for dimming use are UL listed for use with all Lutron wallbox dimmers included in this catalog.
- If there is only one electrical feed to the receptacle, then the duplex DFDU must be used.
- If the hot and dimmed hot feeds to the split duplex HFDU are supplied from different circuits or split-wired, with separate switch-legs, a means to simultaneously disconnect these circuits must be provided at the panel board where they originate (NEC 210.7(C) 2002 Edition). A 2-pole circuit breaker or two single-pole circuit breakers with an approved handle tie can be used to accomplish this simultaneous disconnect. Feed-through dimming panels, which are those without breakers, are recommended when using the HFDU.
- For detailed information, see Application Notes #91 (Guide to Dimming Table Lamps) and #109 (Guide to Dimming Portable Lamps via Receptacles) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

**XX**<sup>1</sup>: Architectural matte color codes, see pg. 162 (1-gang wallplate included)

\*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.

## Field customizable 6-port frame



- Shipped with six blanks in matching colors
- Connectors sold separately
- Connectors snap in (no tools required)
- Includes 1-gang wallplate
- Connectors available in White (WH) unless noted

Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox. See Application Note #213 (Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).


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6-port frame\* NT-6PF-**XX**<sup>1</sup>





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## Connectors for 6-port frame

### Telephone/network jacks

	8-conductor, RJ45 category 3	CON-1P-C3- <b>XX</b> <sup>2</sup>
	8-conductor, RJ45 category 5e	CON-1P-C5E- <b>XX</b> <sup>2</sup>
	8-conductor, RJ45 category 6	CON-1P-C6- <b>XX</b> <sup>2</sup>


### Fiber jacks

	MT-RJ feed through	CON-1F-MTRJ-WH
	SC simplex	CON-1F-SC-WH
	LC non-flush mount	CON-1F-LC-WH
	ST style	CON-1F-ST-WH

### Cable jack

	F-style, 75-Ohm coaxial cable	CON-1C- <b>XX</b> <sup>2</sup>
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### BNC jack

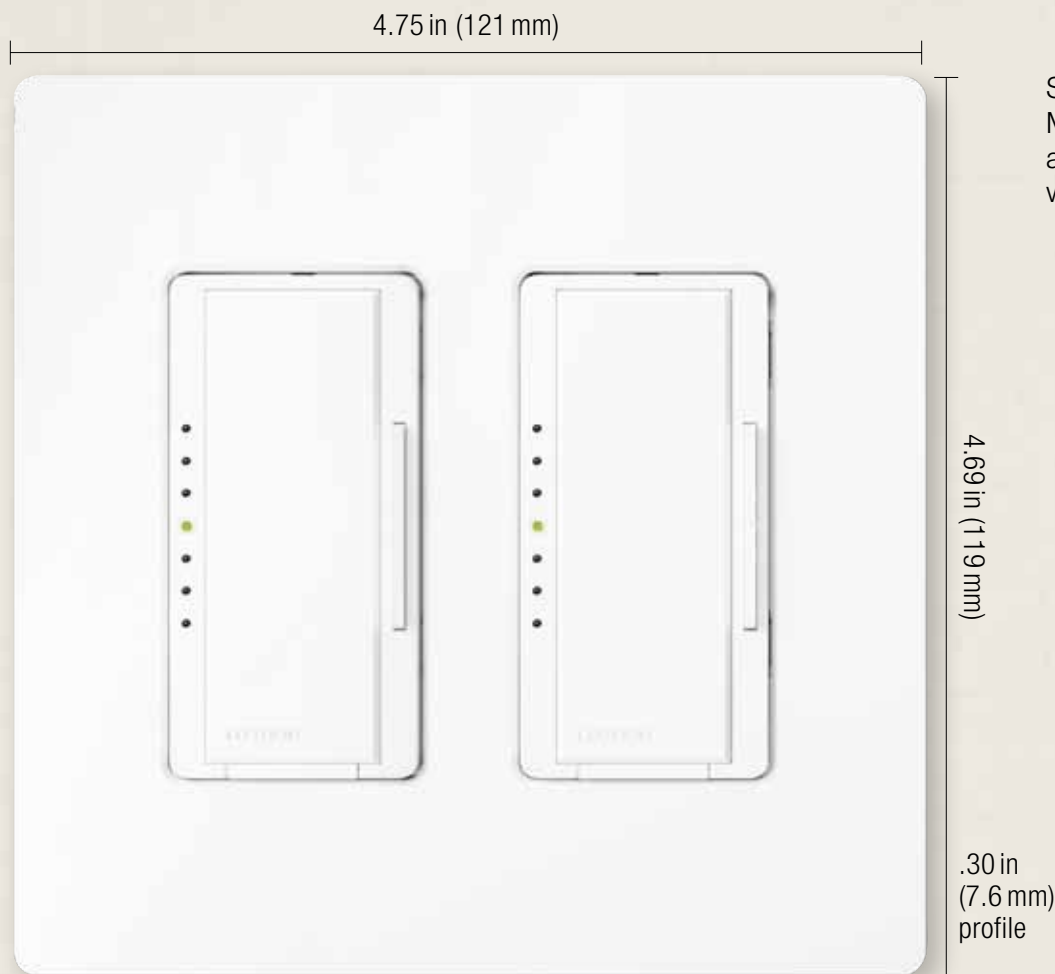
	BNC connector, 50-Ohm	CON-1B-WH
---	-----------------------	-----------

Connectors only for use with 6-port frame.

**XX<sup>1</sup>**: Architectural matte color codes, see pg. 162 (1-gang wallplate included)

**XX<sup>2</sup>**: Only available in White (WH) and Black (BL)

\*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.



Shown actual size:  
Maestro dimmers  
and 2-gang Claro  
wallplate in White (WH).

### Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Maestro®, Maestro IR®, Maestro Wireless®, Pico® wireless control, Diva®, Skylark Contour®, Skylark®
- All Lutron wallplates are screwless, seamless, and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- Full line of wiring devices in Designer style opening
- Blank inserts available for Gloss colors (DV-BI-) and Satin Colors® (SC-BI-)
- Customize your designer wallplate with engraving. Contact customer service to get started; 1.888.LUTRON1

### Ganging and derating

- Designer wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging), see pg. 179
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 179

**Available finishes**

Use **BOLD** color code in model number (Example: SC-1-**PL**)

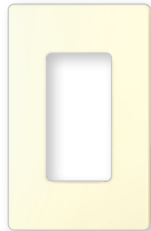
Gloss finishes



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black

Satin finishes



**SW**  
Snow



**LS**  
Limestone



**BI**  
Biscuit



**ES**  
Eggshell



**PD**  
Palladium



**TP**  
Taupe



**ST**  
Stone



**BG**  
Bluestone



**PL**  
Plum



**SG**  
Sea Glass



**TQ**  
Turquoise



**GS**  
Goldstone



**DS**  
Desert Stone



**GB**  
Greenbriar



**MS**  
Mocha Stone



**TC**  
Terracotta



**SI**  
Sienna



**HT**  
Hot



**MR**  
Merlot



**MN**  
Midnight



**SS**  
Stainless Steel\*

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.

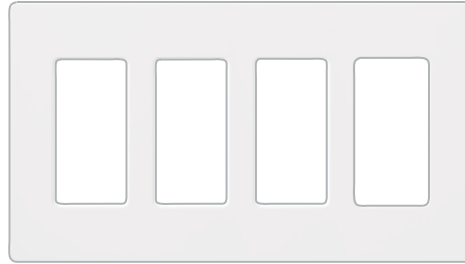
**Wallplates for Maestro®, Maestro IR®, Maestro Wireless®, Pico® wireless control, Diva®, Skylark Contour® and Skylark®**



1-gang\*

CW-1-**XX**<sup>1</sup>  
SC-1-**XX**<sup>2</sup>

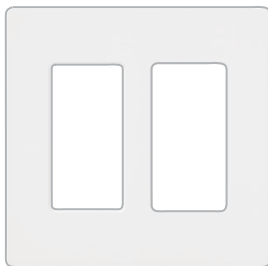
W: 2.94 in (75 mm); H: 4.69 in (119 mm)  
P: .30 in (7.6 mm)



4-gang\*

CW-4-**XX**<sup>1</sup>  
SC-4-**XX**<sup>2</sup>

W: 8.37 in (213 mm); H: 4.69 in (119 mm);  
P: .30 in (7.6 mm)



2-gang\*

CW-2-**XX**<sup>1</sup>  
SC-2-**XX**<sup>2</sup>

W: 4.75 in (121 mm); H: 4.69 in (119 mm);  
P: .30 in (7.6 mm)



5-gang\*

CW-5-**XX**<sup>1</sup>  
SC-5-**XX**<sup>2</sup>

W: 10.18 in (259 mm); H: 4.69 in (119 mm);  
P: .30 in (7.6 mm)



3-gang\*

CW-3-**XX**<sup>1</sup>  
SC-3-**XX**<sup>2</sup>

W: 6.56 in (167 mm); H: 4.69 in (119 mm);  
P: .30 in (7.6 mm)

**Important notes**

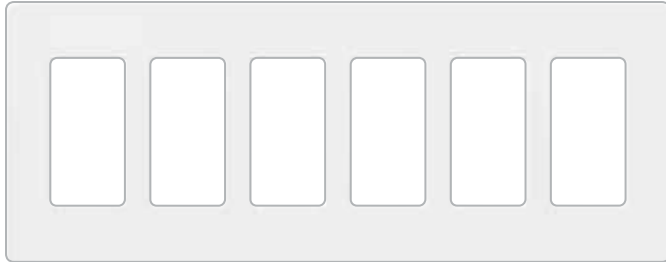
- Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox. See Application Note #213 (Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

Multi-gang dimmer installations may require derating, see pg. 179.

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.

**XX**<sup>1</sup>: Gloss and Stainless Steel color codes, see pg. 170

**XX**<sup>2</sup>: Satin Colors® codes, see pg. 170



6-gang\*

CW-6-**XX**<sup>1</sup>

SC-6-**XX**<sup>2</sup>

W: 12.00in (305mm); H: 4.69in (119mm);

P: .30in (7.6mm)

### Cable jacks



- F-style, 75-Ohm coaxial cable
- Wallplate sold separately

Single cable jack\*

CA-CJ-**XX**<sup>3</sup>

SC-CJ-**XX**<sup>2</sup>

### Telephone jacks



- 6-conductor telephone jack, RJ11
- Wallplate sold separately

Single telephone jack\*

CA-PJ-**XX**<sup>3</sup>

SC-PJ-**XX**<sup>2</sup>

**XX**<sup>1</sup>: Gloss and Stainless Steel color codes, see pg. 170

**XX**<sup>2</sup>: Satin color codes, see pg. 170

**XX**<sup>3</sup>: Gloss color codes, see pg. 170

### Receptacles



- Wallplate sold separately

#### Tamper resistant receptacles\*

15A	125V	CARS-15-TR- <b>XX</b> <sup>3</sup>
15A	125V	SCRS-15-TR- <b>XX</b> <sup>2</sup>
20A	125V	SCRS-20-TR- <b>XX</b> <sup>2</sup>

#### Receptacles\*

15A	125V	CAR-15- <b>XX</b> <sup>3</sup>
15A	125V	SCR-15- <b>XX</b> <sup>2</sup>
20A	125V	SCR-20- <b>XX</b> <sup>2</sup>

### GFCI Receptacles



- Press test button to confirm LED indicator status
- Press reset button to reset GFCI after circuit interruption
- Tamper resistant shutter mechanism

#### Tamper resistant GFCI receptacles\*

15A	125V	GFCI	CAR-15-GFTR- <b>XX</b> <sup>3</sup>
15A	125V		SCR-15-GFTR- <b>XX</b> <sup>2</sup>
20A	125V	GFCI	SCR-20-GFTR- <b>XX</b> <sup>2</sup>

Multi-gang dimmer installations may require derating, see pg. 179.

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.

**Receptacles for dimming use  
(tamper resistant)**



- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plug for dimming table and floor lamps
- Tamper resistant shutter mechanism

**Dual dimming tamper resistant\***

15A	120/125V	CAR-15-DDTR- <b>XX</b> <sup>1</sup>
15A	120/125V	SCR-15-DDTR- <b>XX</b> <sup>2</sup>
20A	120/125V	CAR-20-DDTR- <b>XX</b> <sup>1</sup>
20A	120/125V	SCR-20-DDTR- <b>XX</b> <sup>2</sup>

**Receptacles for half dimming use  
(tamper resistant)**



- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plug for dimming table and floor lamps
- Bottom half is a general use receptacle and will fit standard duplex plugs
- Tamper resistant shutter mechanism

**Half dimming tamper resistant\***

15A	120/125V	CAR-15-HDTR- <b>XX</b> <sup>1</sup>
15A	120/125V	SCR-15-HDTR- <b>XX</b> <sup>2</sup>
20A	120/125V	CAR-20-HDTR- <b>XX</b> <sup>1</sup>
20A	120/125V	SCR-20-HDTR- <b>XX</b> <sup>2</sup>

**XX**<sup>1</sup>: Gloss color code and Stainless Steel, see pg. 170

**XX**<sup>2</sup>: Satin Colors® codes, see pg. 170

**Replacement plug for dimming  
(use with receptacles at left)**



- This plug required for use with Lutron receptacles for dimming use—plug will also work in standard receptacle
- Easily replaces the existing plugs on lamps

120/125V White	RP-FDU-10-WH
120/125V Brown	RP-FDU-10-BR

UL/CSA/NOM regulatory approvals.

**Important notes**

- Receptacles and plugs for dimming use are UL listed for use with all Lutron wallbox dimmers included in this catalog.
- If there is only one electrical feed to the receptacle, then the duplex DFDU must be used.
- If the hot and dimmed hot feeds to the split duplex HFDU are supplied from different circuits or split-wired with separate switch-legs, a means to simultaneously disconnect these circuits must be provided at the panel board where they originate (NEC 210.7(C) 2002 Edition). A 2-pole circuit breaker or two single-pole circuit breakers with an approved handle tie can be used to accomplish this simultaneous disconnect. Feed-through dimming panels, which are those without breakers, are recommended when using the HFDU.
- For detailed information, see Application Notes #91 (Guide to Dimming Table Lamps) and #109 (Guide to Dimming Portable Lamps via Receptacles) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.



### Field customizable 6-port frame




- Shipped with six blanks in matching colors
- Connectors and wallplate sold separately
- Connectors snap in (no tools required)
- Connectors available in White (WH), unless noted





6-port frame*	CA-6PF- <b>XX</b> <sup>1</sup>
	SC-6PF- <b>XX</b> <sup>2</sup>

### Connectors for 6-port frame

#### Telephone/network jacks

 8-conductor, RJ45 category 3	CON-1P-C3- <b>XX</b> <sup>3</sup>
8-conductor, RJ45 category 5e	CON-1P-C5E- <b>XX</b> <sup>3</sup>
8-conductor, RJ45 category 6	CON-1P-C6- <b>XX</b> <sup>3</sup>


#### Fiber jacks

 MT-RJ feed through	CON-1F-MTRJ-WH
 SC simplex	CON-1F-SC-WH
 LC non-flush mount	CON-1F-LC-WH
 ST style	CON-1F-ST-WH

#### Cable jack

 F-style, 75-Ohm coaxial cable	CON-1C- <b>XX</b> <sup>3</sup>
---	--------------------------------

#### BNC jack

 BNC connector, 50-Ohm	CON-1B-WH
---	-----------

Connectors only for use with 6-port frame.

### Switches



- Paddle turns on/off
- Use with any 15A load
- General purpose switching of all sources and motor loads
- No derating if ganged
- Wallplate sold separately

#### General purpose switches (120/277 V)\*

Single-pole	15 A	CA-1PS- <b>XX</b> <sup>1</sup>
Single-pole	15 A	SC-1PS- <b>XX</b> <sup>2</sup>
3-way	15 A	CA-3PS- <b>XX</b> <sup>1</sup>
3-way	15 A	SC-3PS- <b>XX</b> <sup>2</sup>
4-way	15 A	CA-4PS- <b>XX</b> <sup>1</sup>
4-way	15 A	SC-4PS- <b>XX</b> <sup>2</sup>

#### General purpose switch with locator light (120V only)\*

Single-pole	15 A	CA-1PSNL- <b>XX</b> <sup>4</sup>
Single-pole	15 A	SC-1PSNL- <b>XX</b> <sup>5</sup>
3-way	15 A	CA-3PSNL- <b>XX</b> <sup>4</sup>
3-way	15 A	SC-3PSNL- <b>XX</b> <sup>5</sup>
4-way	15 A	CA-4PSNL- <b>XX</b> <sup>4</sup>
4-way	15 A	SC-4PSNL- <b>XX</b> <sup>5</sup>

**XX**<sup>1</sup>: Gloss color codes, see pg. 170

**XX**<sup>2</sup>: Satin Colors® codes, see pg. 170

**XX**<sup>3</sup>: Only available in White (WH) and Black (BL)

**XX**<sup>4</sup>: Only available in Almond (AL), Ivory (IV), Light Almond (LA) and White (WH), see pg. 170

**XX**<sup>5</sup>: Available in Biscuit (BI), Eggshell (ES), Goldstone (GS), Limestone (LS), Sea Glass (SG) and Snow (SW), see pg. 170

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.



Shown actual size:  
Ariadni dimmers in a  
2-gang Fassada  
wallplate in White (WH).

### Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Ariadni®, Glyder®, and Rotary
- All Lutron wallplates are screwless, seamless, and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- Traditional wallplates can be paired with designer accessories to complete the look of any room
- Customize your traditional wallplate with engraving. Contact customer service to get started; 1.888.LUTRON1

### Ganging and derating

- Traditional wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging), see pg. 179
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 179

**Available finishes**

Use **BOLD** color code in model number (Example: FG-1-**AL**)

Gloss finishes



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**BL**  
Black

Metal finishes



**SS**  
Stainless Steel\*

\*Stainless Steel finish wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

**Wallplates for Ariadni®, Glyder®, and Rotary**



1-gang  
Stainless Steel\*  
W: 2.86 in (73 mm); H: 4.60 in (117 mm);  
P: .23 in (5.8 mm)

FG-1-**XX**<sup>1</sup>  
FW-1-SS



3-gang  
Stainless Steel\*  
W: 6.48 in (165 mm); H: 4.60 in (117 mm);  
P: .23 in (5.8 mm)

FG-3-**XX**<sup>1</sup>  
FW-3-SS



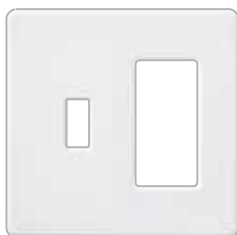
2-gang  
Stainless Steel\*  
W: 4.67 in (119 mm); H: 4.60 in (117 mm);  
P: .23 in (5.8 mm)

FG-2-**XX**<sup>1</sup>  
FW-2-SS

**Important notes**

- Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox. See Application Note #213 (Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box) at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).

**Combination opening**



Rotate the wallplate for small/large or large/small opening applications.

2-gang (1 traditional,  
1 designer opening)  
W: 4.67 in (119 mm); H: 4.60 in (117 mm);  
P: .23 in (5.8 mm)

FG-2-TD-**XX**<sup>1</sup>

**XX**<sup>1</sup>: Gloss color codes, see pg. 176

Controls must have heat-sink fins broken for multi-gang installations.  
Multi-gang dimmer installations may require derating, see pg. 179.

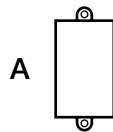
\*Stainless Steel wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.



## Mounting requirements and how to understand ganging and derating

### Individual devices

Individual dimmers, switches, wall sensors, and accessories typically mount in standard 1-gang electrical boxes (**fig. A**).



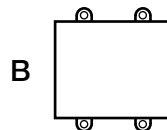
1-gang box  
(W: 2 in x H: 3 in x D: 2.5 in)

### Standard ganging

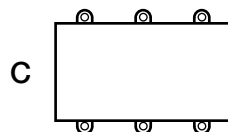
Ganging is the side-by-side mounting of two or more dimmers or accessory devices under a multi-gang wallplate. (**fig. B-D**)

Standard multi-gang installation:

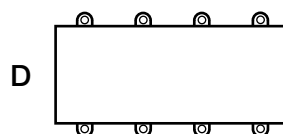
- Uses standard multi-gang electrical backboxes
- Uses standard multi-gang wallplates
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging)
- May require derating (i.e., reduction of dimmer capacity due to fin removal); see derating tables, pg. 181



2-gang box  
(W: 4 in x H: 3 in x D: 2.5 in)



3-gang box  
(W: 6 in x H: 3 in x D: 2.5 in)

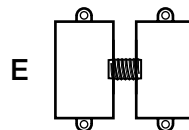


4-gang box  
(W: 8 in x H: 3 in x D: 2.5 in)

### Custom Architectural ganging

Architectural dimmers, switches and accessories may be ganged without derating (**fig. E**), via custom Architectural multi-gang:

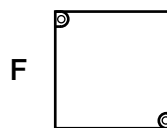
- May require customized, wider-than-standard wallplates
- May require wider-than-standard electrical backboxes
- Allows full capacity (“No Fins Broken”) ganging
- Required for Nova® dimmers and for larger width (high capacity) architectural controls
- Visit [www.lutron.com/customganging](http://www.lutron.com/customganging) for additional information



(2) 1-gang boxes  
with 3/4 in spacer

### Light load power interfaces (pg. 185)

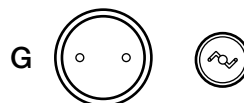
Interfaces typically mount to a standard electrical junction box (**fig. F**); must be mounted within 7 degrees of vertical. Maximum output: 5.1 in x 6.3 in. Interfaces project 1.2 in in front of box.



Junction box  
(W: 4 in x H: 4 in x D: 2.5 in)

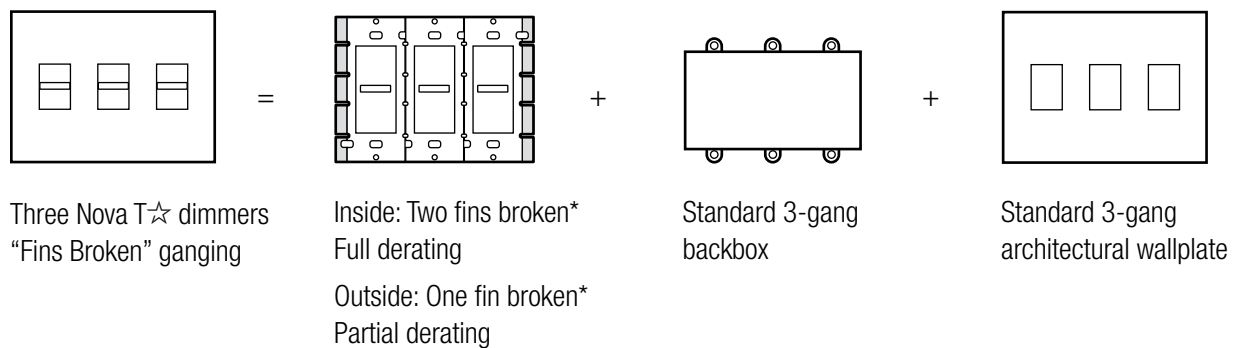
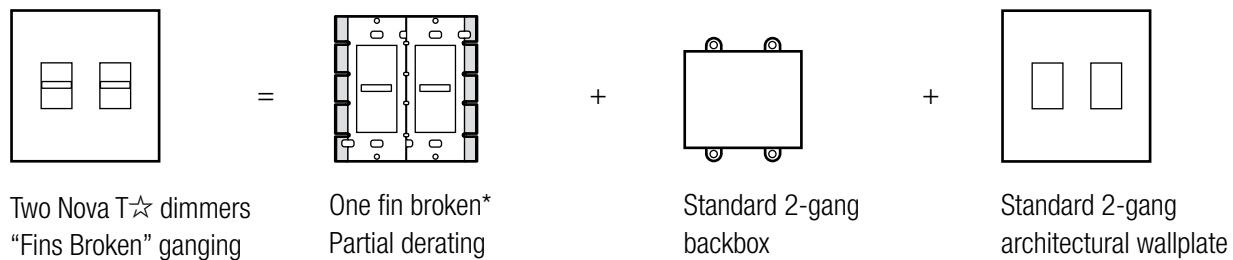
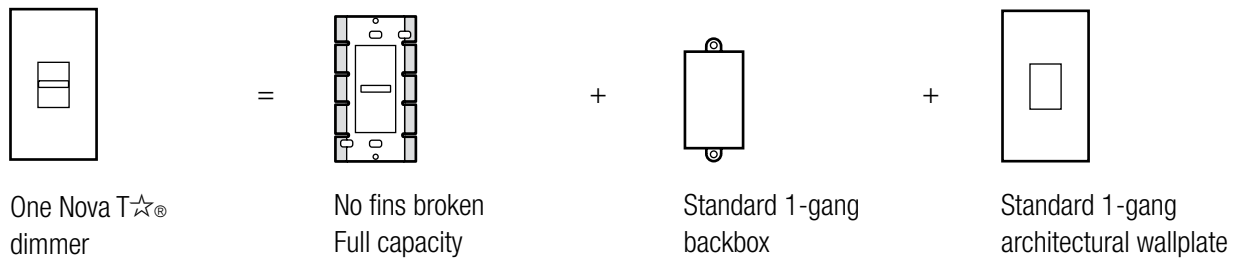
### Ceiling/wall mount sensors (pgs. 43 and 147)

Wireless ceiling mount Radio Powr Savr™ sensors (**fig. G**) mount to brackets provided with sensor using adhesive strips or mounting hardware provided.

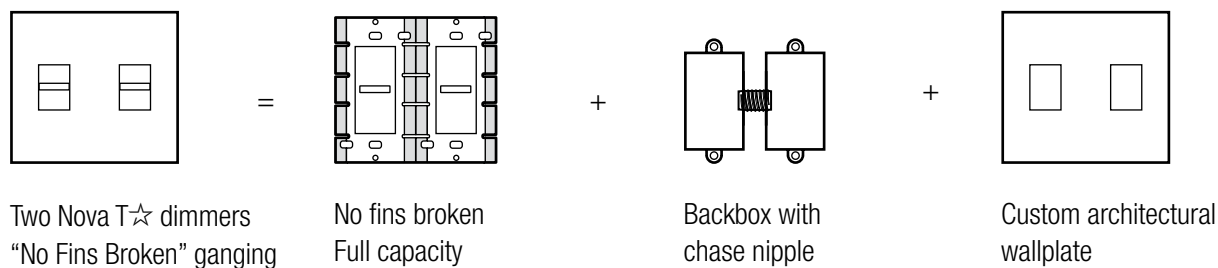


Wireless sensor  
mounting bracket  
(3.2 in diameter footprint,  
mounting brackets are  
spaced 1.8 in)

## Standard ganging and fins broken derating examples:



## Custom Architectural ganging example:



For further information on ganging and derating, visit [www.lutron.com/multigang](http://www.lutron.com/multigang).  
 \*The fins are scored and designed to be removed easily.

## Derating Table 1

**New Architectural** | Verti®

**Designer** | Maestro®, Maestro IR®, Maestro Wireless®, Diva®, Skylark Contour®, Skylark®

**Traditional** | Ariadni®, Glyder®, Rotary



**No fins broken**



**1 fin broken**



**2 fins broken**

<b>Incandescent</b>			
Dimmers	600W	500W	400W
	1000W	800W	650W
Dual dimmers	300W	250W	200W
	300W	250W	200W
<b>Magnetic low-voltage</b>			
Dimmers	600VA/450W	500VA/400W	400VA/300W
	1000VA/800W	800VA/650W	650VA/500W
<b>Electronic low-voltage</b>			
Dimmers	300W	250W	200W
	500W	450W	400W
	600W	500W	400W
<b>Fluorescent/LED</b>			
<b>Hi-lume®/EcoSystem®/Hi-lume 3D/Hi-lume A-series LED Driver</b>			
Verti	60 ballasts or driver/6A	50 ballasts or driver/5A	35 ballasts or driver/3.5A
Maestro	20 ballasts or driver/6A	20 ballasts or driver/5A	20 ballasts or driver/3.5A
Diva, Skylark, and Ariadni	no derating	no derating	no derating
Tu-Wire®: Diva, Skylark	5A	4A	3.3A
<b>Fan controls</b>			
Quiet 7-speed	1.0A	1.0A	1.0A
Quiet 3-speed	1.5A	1.5A	1.5A
Fully variable	5A	4A	3A
<b>Fan/light controls</b>			
Quiet 7-speed	1.0A/300W	1.0A/300W	1.0A/300W
Quiet 3-speed	1.5A/300W	1.5A/300W	1.5A/300W
	1.5A/360W	1.5A/360W	1.5A/360W
Fully variable	2.5A/300W	2.1A/250W	1.7A/200W
<b>Electronic switches</b>			
Verti	6A/3A	5A/3A	3.5A/3A
Maestro (light/fan)	8A/3A	6.5A/3A	5A/3A



**Derating Table 2**

**Architectural** | Vareo®, Nova T☆®



**No fins broken**



**1 fin broken**



**2 fins broken**

	No fins broken	1 fin broken	2 fins broken
<b>Incandescent</b>			
Dimmers	600W	500W	300W
	1000W	900W	700W
	1500W	1250W	1000W
	1950W	–	–
<b>Magnetic low-voltage</b>			
Dimmers	600 VA/450W	500 VA/400W	300 VA/250W
	1000 VA/800W	900 VA/750W	700 VA/500W
	1500 VA/1200W	1250 VA/1000W	1000 VA/800W
<b>Electronic low-voltage</b>			
Dimmers	300W	300W	250W
	600W	500W	400W
<b>Fluorescent/LED</b>			
<b>Hi-lume®/EcoSystem®/Hi-lume 3D/Hi-lume A-series LED Driver</b>			
Vareo	20 ballasts or driver/8A	20 ballasts or driver/6A	20 ballasts or driver/4.5A
Nova T☆	6A	no derating	no derating
	8A	no derating	no derating
	16A	no derating	no derating
0-10VDC control <sup>1</sup>	30mA ballasts	no derating	no derating
Tu-Wire®	5A	4A	3.3A
<b>Fan controls</b>			
Quiet 3-speed	1.5A	no derating	no derating
Fully variable	6A	4.2A	2.5A
Fully variable	12A	10A	8.3A
<b>Electronic tapswitches<sup>2</sup></b>			
VETS-1000-	1000W	800W	650W

For information on ganging Nova®, visit [www.lutron.com/customganging](http://www.lutron.com/customganging).

<sup>1</sup>Power Pack required for line voltage switching.

<sup>2</sup>VETS-R-Auxiliary electronic tapswitches do not require derating.

## Derating Table 3

**Designer** | Maestro® C•L®, Diva® C•L, Skylark Contour® C•L

**Traditional** | Ariadni® C•L



**No fins broken**

### Derating C•L dimmers

C•L dimmers are rated for 150 W of CFL and/or LED screw-base lighting or 600 W of incandescent/halogen lighting.

Load types can be mixed on C•L dimmers (example: LED and incandescent); however the total allowable wattage must be calculated based on the wattage of the combined load types.

1. Calculate the total CFL/LED wattage.
2. Reference the appropriate derating chart based on the number of fins broken and determine the maximum incandescent/halogen wattage that can be added to the CFL/LED wattage.

Total Screwbase CFL/LED Wattage Installed	+	Maximum Allowable Incandescent/Halogen Wattage
0 W	+	600 W
1-25 W	+	500 W
26-50 W	+	400 W
51-75 W	+	300 W
76-100 W	+	200 W
101-125 W	+	100 W
126-150 W	+	0 W



1 fin broken

Total CFL/LED Wattage Installed	+	Maximum Allowable Incandescent/ Halogen Wattage
0 W	+	500 W
1-25 W	+	400 W
26-50 W	+	300 W
51-75 W	+	200 W
76-100 W	+	100 W
101-125 W	+	50 W
126-150 W	+	0 W



2 fins broken

Total CFL/LED Wattage Installed	+	Maximum Allowable Incandescent/ Halogen Wattage
0 W	+	400 W
1-25 W	+	300 W
26-50 W	+	200 W
51-75 W	+	100 W
76-100 W	+	50 W
101-125 W	+	0 W
126-150 W	+	0 W

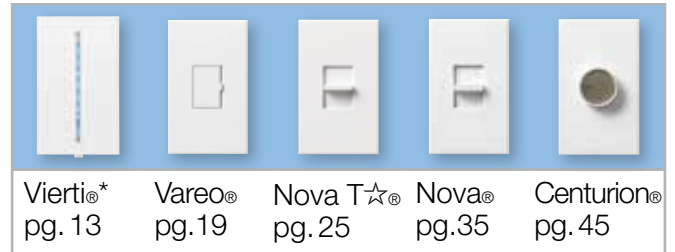
## Dimmer capabilities and interface requirements

**M** Multi-location—true dimming from each location











**E** eco-model available

 Compatible dimmer (no interface)

**WBX** **TVI** **3F** **PA** Requires interface, see notes below



Vierti®\* pg. 13    Vareo® pg.19    Nova T® pg.25    Nova® pg.35    Centurion® pg. 45

Dimmers	capacity†	<b>M</b>				
 <b>Incandescent/halogen</b> 120V	600W					
	1000W					
	1500W		<b>PA</b>	<b>WBX</b>		
	2000W		<b>PA</b>	<b>WBX</b>		
 <b>Dimmable CFL/LED (screw-base)</b>	150W					
 <b>Magnetic low-voltage</b> 120V	600VA (450W)					
	1000VA (800W)					
	1500VA (1200W)		<b>PA</b>	<b>WBX</b>		
	2000VA (1600W)		<b>PA</b>	<b>WBX</b>	<b>WBX</b>	
 <b>Magnetic low-voltage</b> 277V	600VA (450W)		<b>PA</b>	<b>WBX</b>		<b>WBX</b>
	1000VA (800W)		<b>PA</b>	<b>WBX</b>		<b>WBX</b>
 <b>Electronic low-voltage</b> 120V	300W			<b>WBX</b>		
	450W			<b>WBX</b>		
	600W			<b>WBX</b>		<b>WBX</b>
 <b>Electronic low-voltage</b> 277V	16A		<b>PA</b>	<b>WBX</b>	<b>WBX</b>	<b>WBX</b>
 <b>Neon/cold cathode</b>				<b>WBX</b>	<b>WBX</b>	
 <b>3-wire ballasts and Hi-lume A-series</b>	6A					
	<b>LED driver</b> 120 V	8A		<b>3F</b>		
	Hi-lume, Hi-lume 3D, and EcoSystem® ballasts	16A		<b>3F</b>	<b>3F</b>	
 <b>3-wire ballasts and Hi-lume A-series</b>	6A				<b>3F</b>	
	<b>LED driver</b> 277 V	8A		<b>3F</b>	<b>3F</b>	
	Hi-lume, Hi-lume 3D, and EcoSystem ballasts	16A		<b>3F</b>	<b>3F</b>	
 <b>Tu-Wire®</b> ballasts 120V	5A		<b>PA</b>	<b>PA</b>		
 <b>0-10VDC</b> (ballast or LED drivers) 120/277 V	16A		<b>TVI</b>	<b>TVI</b>		

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH) 120 V model also available

**3F:** Fluorescent Power Module (PHPM-3F-DV-WH) 120 V model also available

**TVI:** 0-10V Interface (GRX-TVI)










**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH) 120 V model also available

**See pgs. 187–188 for specific compatible dimmer models and switching interface solutions.**

\*Consult Lutron Technical Support for information on interfaces with Vierti.

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).

# Appendix | Lighting load interfaces




								
Maestro® pg. 49	Maestro IR® pg. 63	Maestro Wireless® pg. 73	Diva® pg. 81	Skylark Contour® pg. 89	Skylark® pg. 95	Ariadni® pg. 105	Glyder® pg. 111	Rotary pg. 117
<b>M</b>	<b>M</b>	<b>M</b>						
<b>E</b>			<b>E</b>	<b>E</b>	<b>E</b>	<b>E</b>		<b>E</b>
WBX		WBX	WBX		WBX	WBX		
WBX		WBX	WBX		WBX	WBX		
					WBX	WBX		
WBX		WBX	WBX		WBX	WBX		
WBX		WBX	WBX		WBX	WBX		
WBX		WBX	WBX		WBX	WBX		
WBX		WBX	WBX		WBX	WBX		
		WBX				WBX		
		WBX	WBX		WBX	WBX		
		WBX	WBX		WBX	WBX		
WBX		WBX	WBX		WBX	WBX		
WBX		WBX	WBX		WBX	WBX		
3F		3F				3F		
3F		3F	3F		3F			
						3F		
3F		3F	3F		3F	3F		
3F		3F	3F		3F	3F		
PA		PA				PA		
TVI		TVI			TVI	TVI		

**WBX:** Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH) 120 V model also available  
**3F:** Fluorescent Power Module (PHPM-3F-DV-WH) 120 V model also available  
**See pgs. 187–188 for specific compatible dimmer models and switching interface solutions.**

**TVI:** 0-10V Interface (GRX-TVI)  
**PA:** Phase Adaptive Power Module (PHPM-PA-DV-WH) 120 V model also available

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).



## Dimmer models/load interface compatibility

	Incandescent, magnetic, and electronic low-voltage (120/277 V)		3-wire fluorescent ballasts or Hi-lume® LED drivers (120/277 V)		0-10VDC ballasts or LED drivers (120/277 V)	
	<b>WBX</b> 		<b>3F</b> 		<b>TVI</b> 	
	Wallbox Phase Adaptive Power Module*		Fluorescent Power Module*		0-10V Interface	
	PHPM-WBX-DV-WH Mounts to a 2-gang backbox (W: 6.30in x H: 5.10in)		PHPM-3F-DV-WH Mounts to a 2-gang backbox (W: 6.30in x H: 5.10in)		GRX-TVII Surface mount only (W: 6.10in x H: 12.50in x D: 3.30in)	
<b>Dimmer Family</b>	Single-pole	3-way or multi-location	Single-pole	3-way or multi-location	Single-pole	3-way or multi-location
Ariadni®	–	AYF-103P-	–	AYF-103P-	–	AYF-103P-
Diva® Gloss	–	DVF-103P-	–	DVF-103P-	–	DVF-103P-
Diva Satin Colors®	–	DVSCF-103P-	–	DVSCF-103P-	–	DVSCF-103P-
Maestro® Gloss	–	MAF-6AM-	–	MAF-6AM-	–	MAF-6AM-
Maestro® Satin Colors®	–	MSCF-6AM-	–	MSCF-6AM-	–	MSCF-6AM-
Maestro Wireless®	–	MRF2-F6AN-DV-	–	MRF2-F6AN-DV-	–	MRF2-F6AN-DV-
Nova®	NF-10-	NF-103P-	NF-10-	NF-103P-	NF-10-	NF-103P-
Nova T <sup>☆</sup> ®	NTF-10-	NTF-103P-	NTF-10-	NTF-103P-	NTF-10-	NTF-103P-
Vierti®	VT-1000MN-		VT-1000MN-		–	VTF-6AM-

**Use only dimmer model numbers listed.**

\*Dual 120/277V model given, 120V-only versions are also available.  
Please see Technical notes, opposite page.

## Dimmer models/load interface compatibility

	Tu-Wire® fluorescent ballasts (120V)		Switched lighting (120/277V)	
	PA 		SW 	
	Phase Adaptive Power Module*		Switching Power Module*	
	PHPM-PA-DV-WH Mounts to a 2-gang backbox (W: 6.30 in x H: 5.10 in)		PHPM-SW-DV-WH Mounts to a 2-gang backbox (W: 6.30 in x H: 5.10 in)	
Dimmer Family	Single-pole	3-way or multi-location	Single-pole	3-way or multi-location
Ariadni®	–	AYF-103P-	–	–
Diva® Gloss	–	DVF-103P-	–	–
Diva Satin Colors®	–	DVSCF-103P-	–	–
Maestro® Gloss	–	MAF-6AM-	–	MA-S8AM-
Maestro® Satin Colors®	–	MSCF-6AM-	–	MSC-S8AM-
Maestro Wireless®	–	MRF2-F6AN-DV-	–	MRF2-6ANS-
Nova®	NF-10-	NF-103P-	–	–
Nova T☆®	NTF-10-	NTF-103P-	–	–
Vierti®		VT-1000MN-		VT-S6AM-

### Technical notes

- Lighting load interfaces must be matched to load type and voltage
- All load interfaces for dimmed loads are controlled by a 120V 3-wire fluorescent dimmer
- Interfaces typically require additional power feeds
- Power feed to dimmer may differ from lighting load/interface voltage
- For wiring information, consult wiring diagrams, see pgs. 199-201
- For assistance and additional solutions, consult Lutron Technical Support at 1.800.523.9466 (24 hours/7 days)

### Interface mounting

- PHPM interfaces mount to 2-gang electrical backbox (W: 6.30 in x H: 5.10 in)
- GRX-TVI enclosure is surface mount only (W: 6.10 in x H: 12.50 in x D: 3.30 in)

#### Use only dimmer model numbers listed.

\*Dual 120/277V model given, 120V-only versions are also available. Please see Technical notes, this page.

Wiring diagrams are for reference. The most up-to-date information is supplied with product installation sheets.

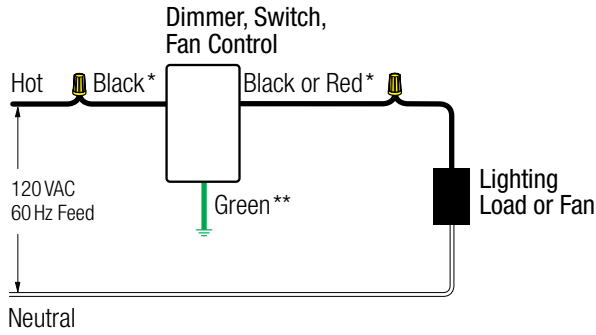
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**Wiring diagram #1**

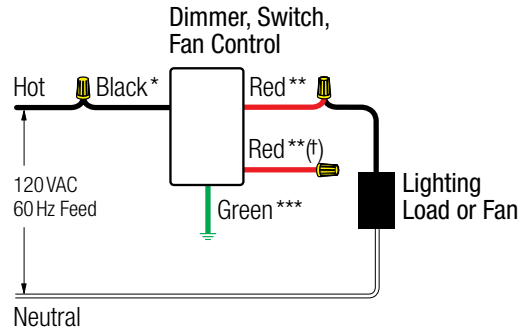
Single-pole wiring



\* or Brass/Black screw terminal  
 \*\* or Green screw terminal

**Wiring diagram #2**

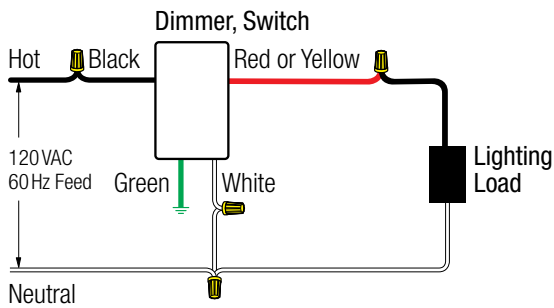
Single-pole wiring of 3-way control



\* or Copper/Black screw terminal  
 \*\* or Brass/Gold screw terminal  
 \*\*\* or Green screw terminal  
 † or Red/White stripe (cap off)

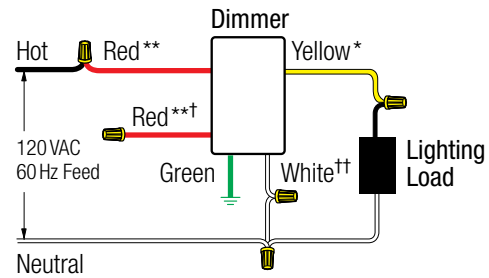
**Wiring diagram #3**

Single-pole wiring with neutral wire connection



**Wiring diagram #4**

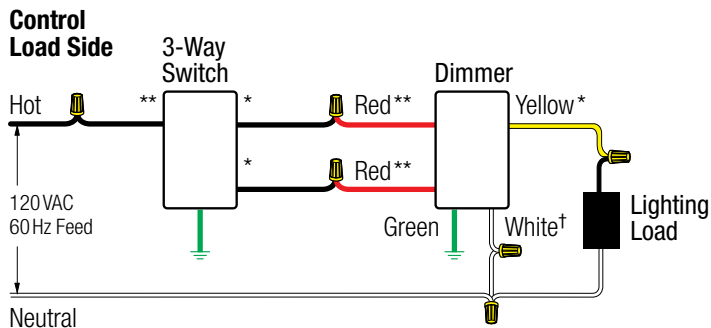
Single-pole wiring of 3-way control with neutral wire connection



\* or Copper/Black screw terminal  
 \*\* or Brass/Gold screw terminal  
 † or Red/White stripe (cap off)  
 †† for Silver screw terminal

**Wiring diagram #5**

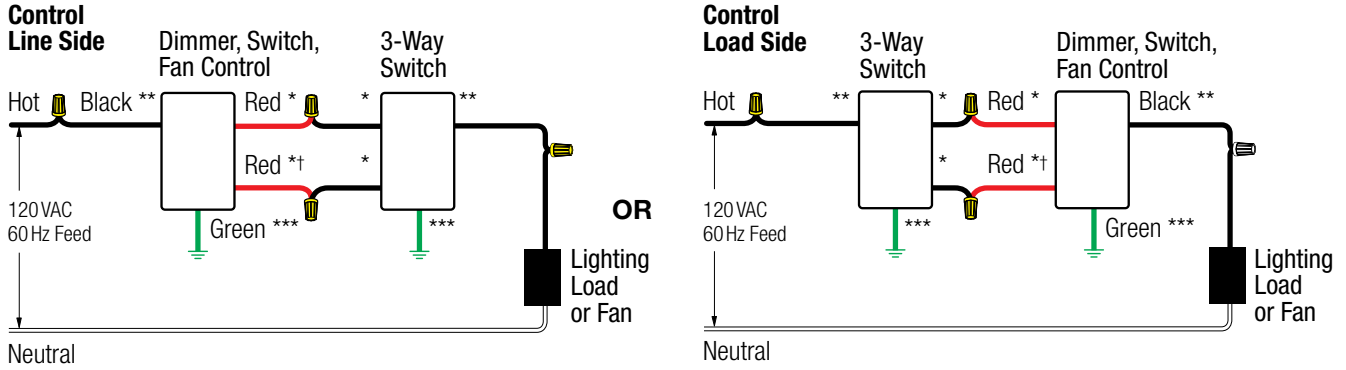
3-way wiring with neutral wire connection



\* or Copper/Black screw terminal  
 \*\* or Brass/Gold screw terminal  
 † or Silver screw terminal

## Wiring diagram #6

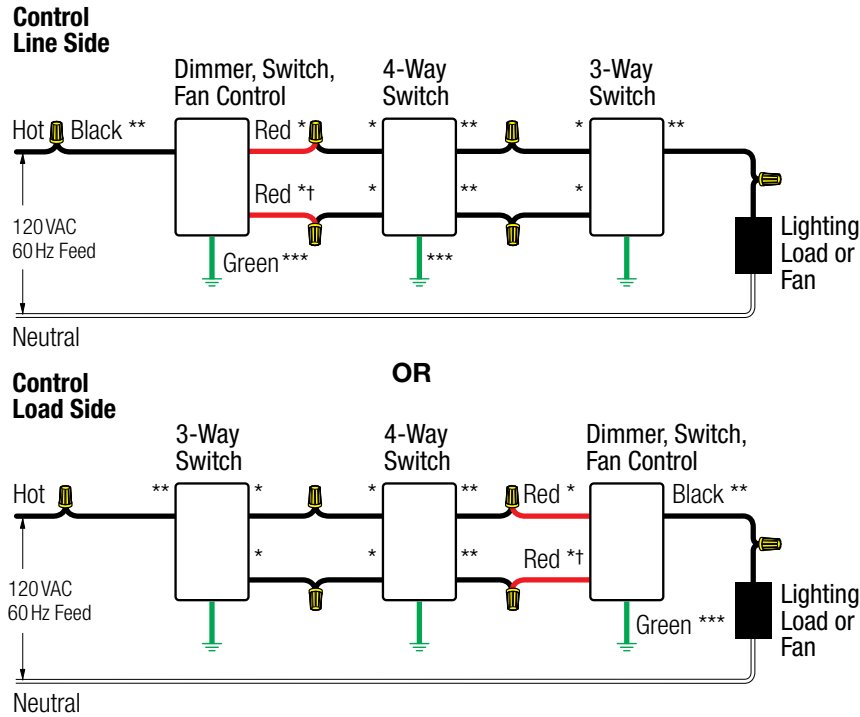
3-way wiring



- \* or Brass/Gold screw terminal
- \*\* or Copper/Black screw terminal
- \*\*\* or Green screw terminal
- † or Red/White screw terminal

## Wiring diagram #7

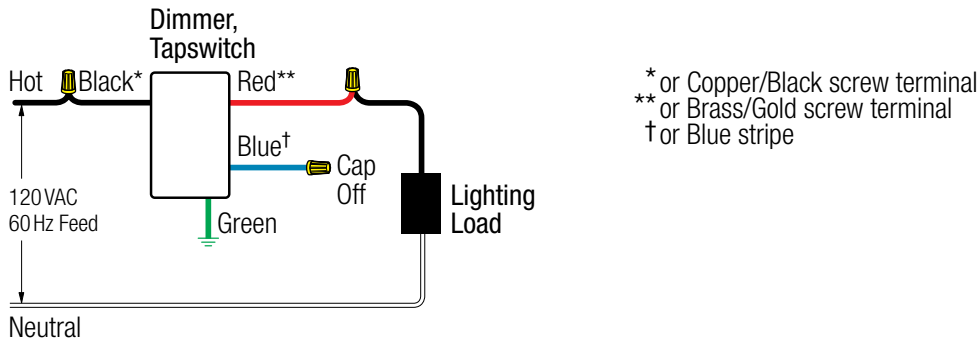
4-way wiring



- \* or Copper/Black screw terminal
- \*\* or Brass/Gold screw terminal
- \*\*\* or Green screw terminal
- † or Red/White stripe

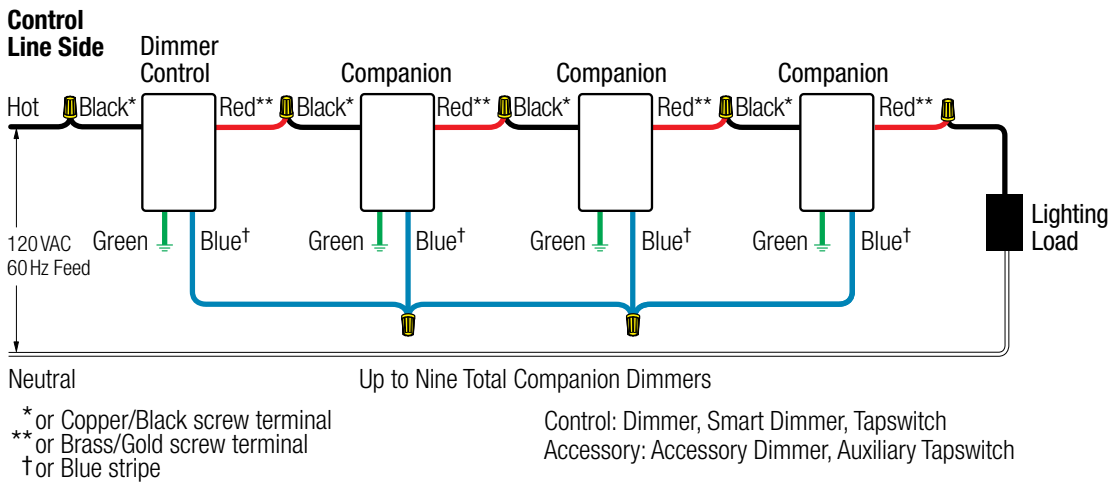
## Wiring diagram #8

Single-location wiring of multi-location control



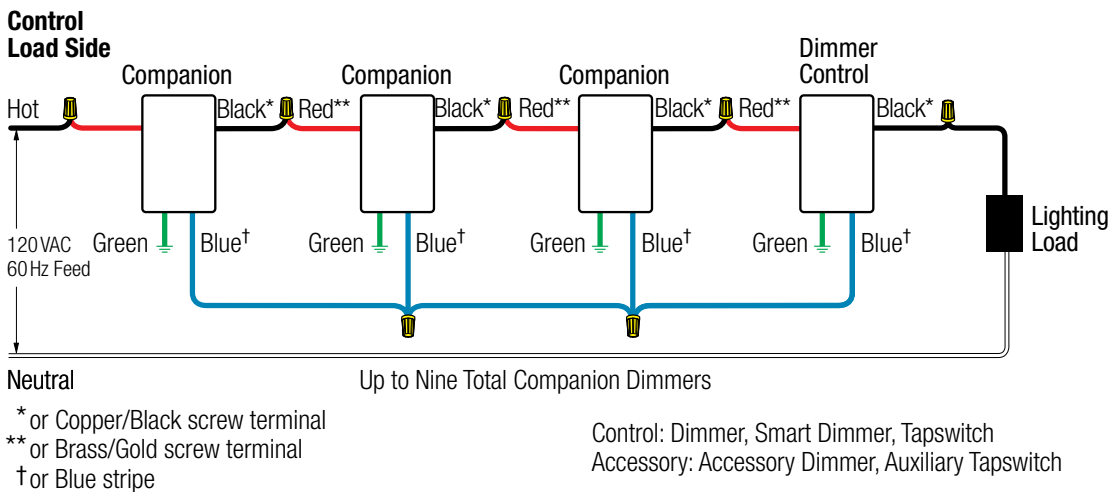
## Wiring diagram #9

Line side multi-location wiring



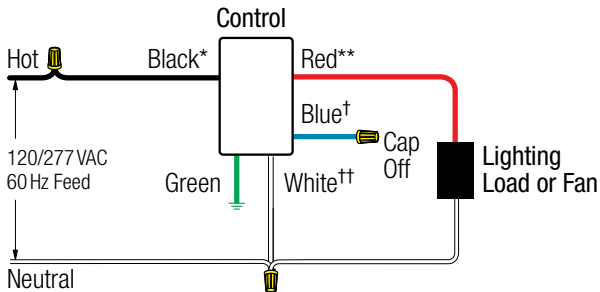
## Wiring diagram #10

Load side multi-location wiring



**Wiring diagram #11**

Single-pole wiring of multi-location control with neutral wire connection

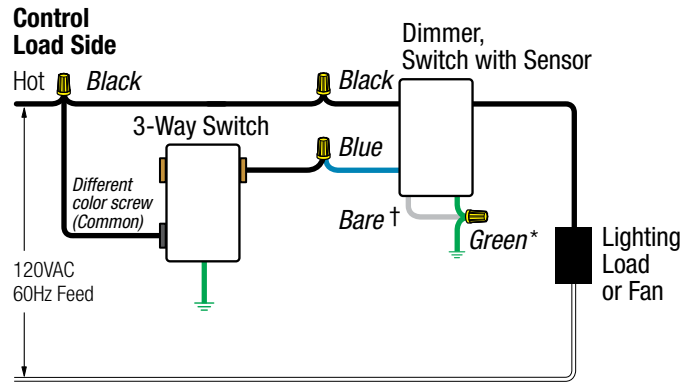


Control: Dimmer, Smart Dimmer, Electronic Switch, Tapswitch

\* or Copper/Black screw terminal  
 \*\* or Brass/Gold screw terminal  
 † or Blue screw terminal  
 †† or Silver screw terminal

**Wiring diagram #12**

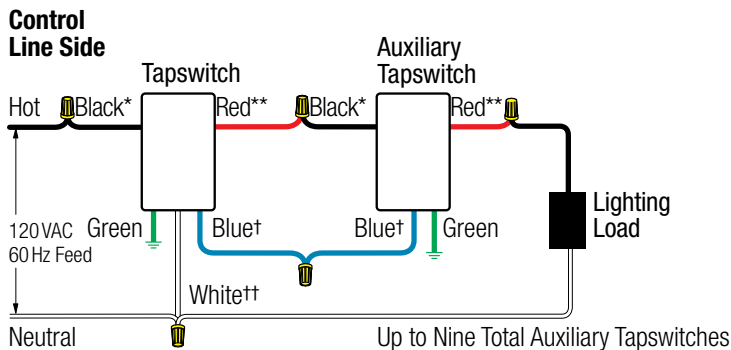
Load side 3-way wiring or Maestro® C•L® occupancy sensing switch



\* or Green screw terminal  
 † only applies to Maestro occupancy sensing switch

**Wiring diagram #13**

Line side multi-location wiring with neutral wire connection

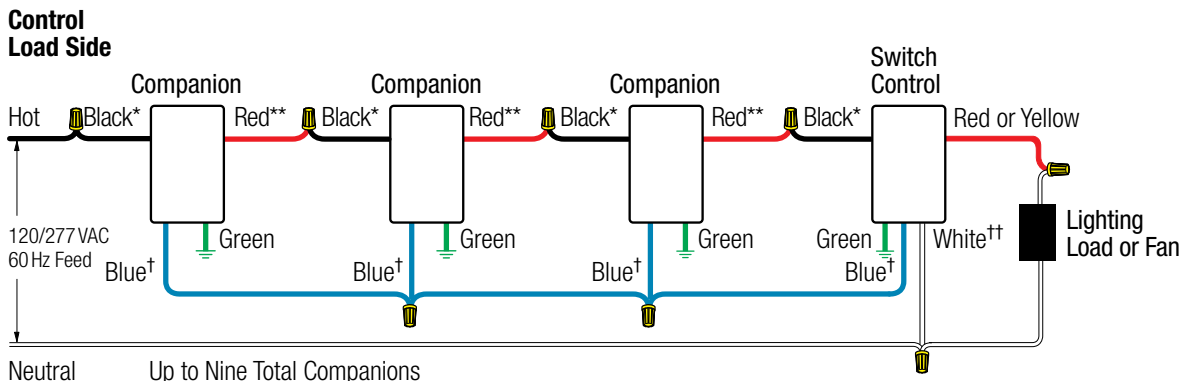


\* or Copper/Black screw terminal  
 \*\* or Brass/Gold screw terminal  
 † or Blue screw terminal  
 †† or Silver screw terminal

Up to Nine Total Auxiliary Tapswitches

**Wiring diagram #14**

Multi-location switch wiring with neutral wire connection



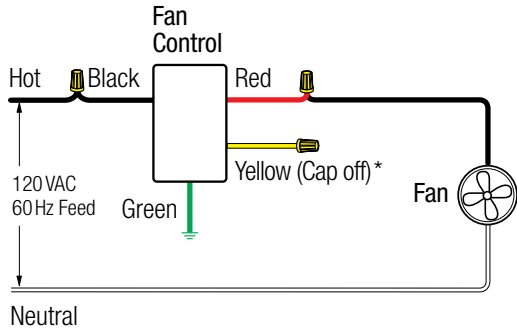
Control: Dimmer, Smart Dimmer, Electronic Switch, Tapswitch  
 Accessory: Accessory Dimmer, Accessory Switch, Auxiliary Tapswitch

\* or Copper/Black screw terminal † or Blue screw terminal  
 \*\* or Brass/Gold screw terminal †† or Silver screw terminal

Up to Nine Total Companions

## Wiring diagram #15

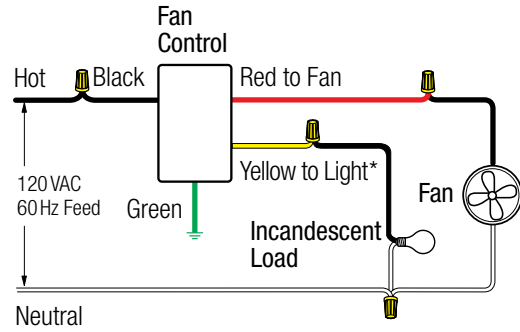
Single-pole wiring, fan-only control



\* Switched full voltage only

## Wiring diagram #16

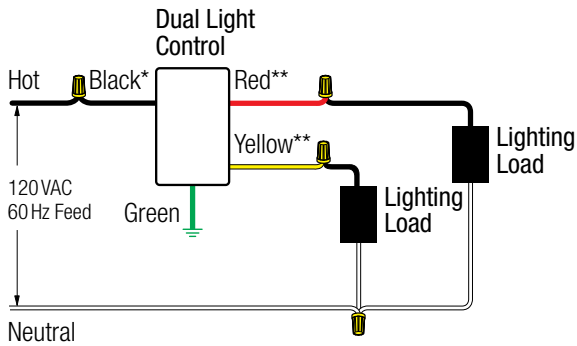
Single-pole wiring, fan and light control



\* Switched full voltage only

## Wiring diagram #17

Single-pole wiring, dual light control

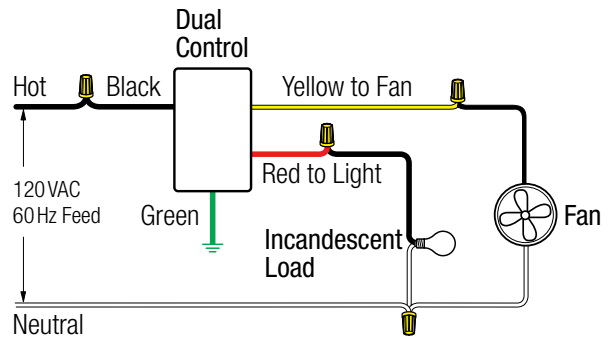


\* or Black screw terminal

\*\* or Brass/Gold screw terminal

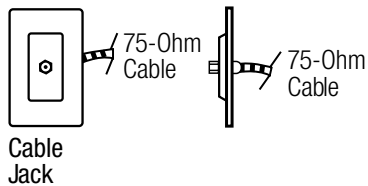
## Wiring diagram #18

Single-pole wiring, dual fan/light control



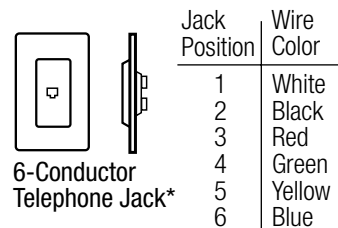
## Wiring diagram #19

Cable jack wiring



## Wiring diagram #20

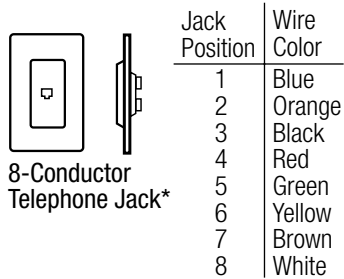
Telephone jack wiring, 6-conductor



\* Accepts most 4-conductor jacks

## Wiring diagram #21

Telephone jack wiring, 8-conductor

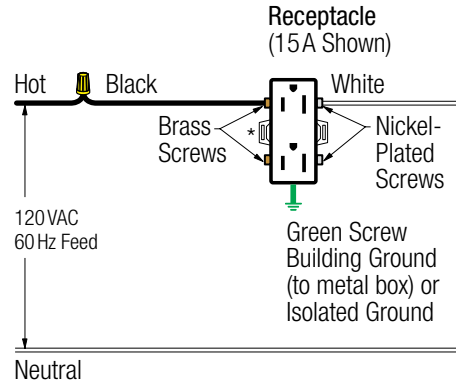


8-Conductor Telephone Jack\*

\*Accepts most 4- or 6-conductor jacks

## Wiring diagram #22

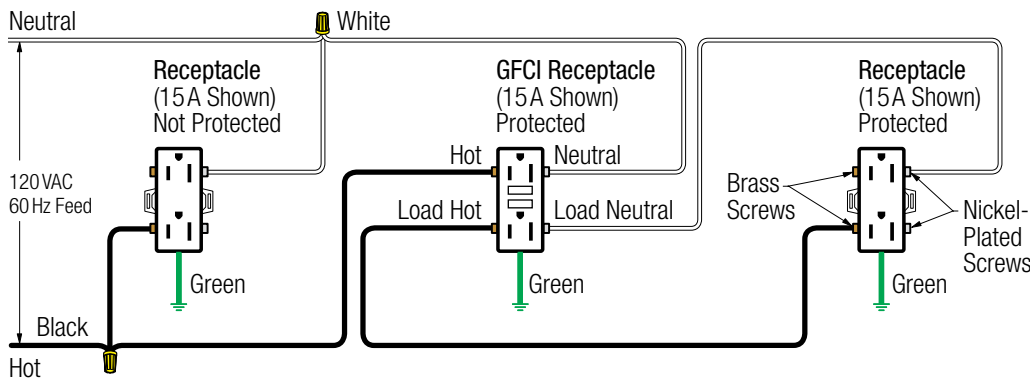
Receptacle wiring



\*For split circuit wiring, break off tab on brass side only

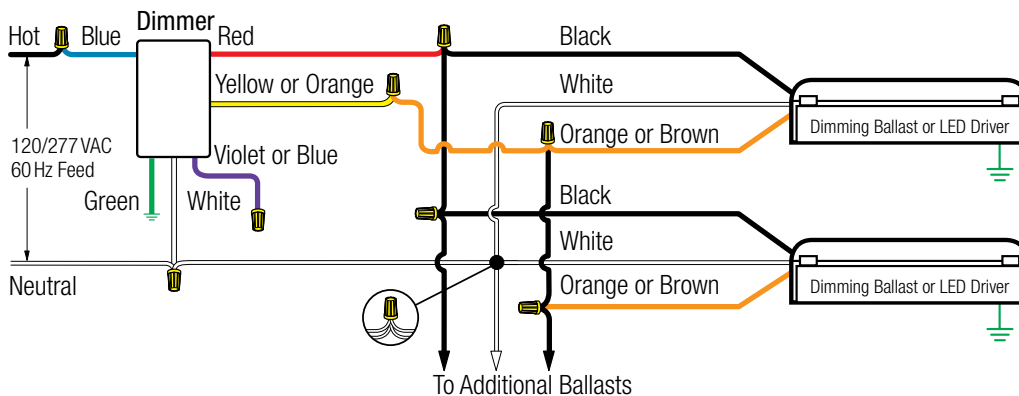
## Wiring diagram #23

GFCI receptacle wiring



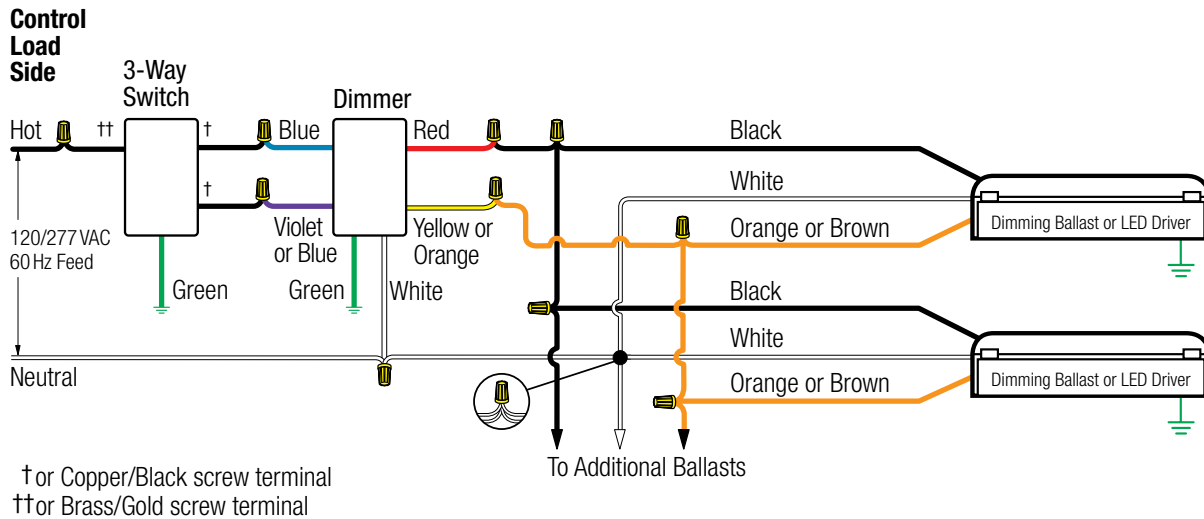
## Wiring diagram #24

Single-pole wiring of 3-way, 3-wire fluorescent control



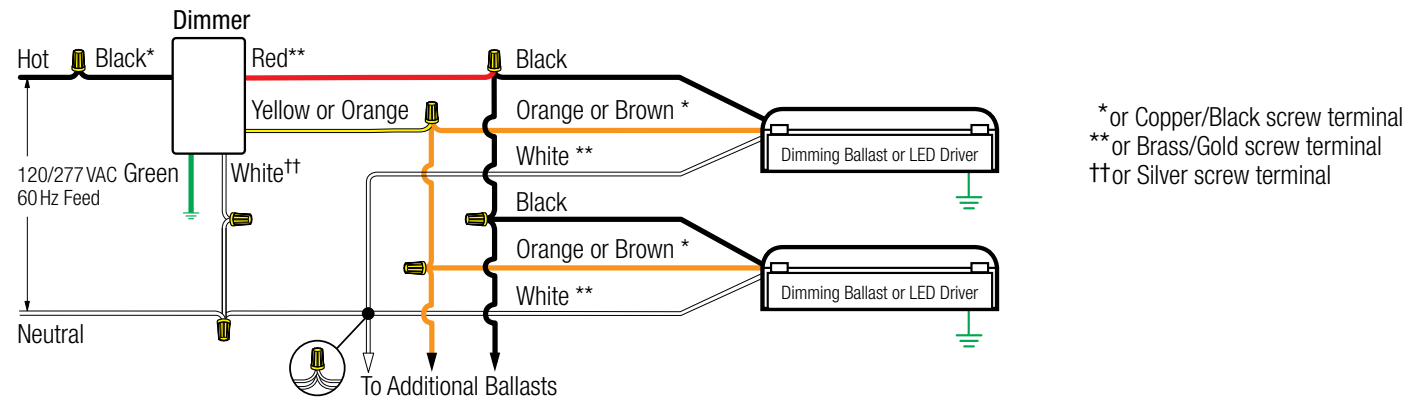
## Wiring diagram #25

3-way wiring of 3-wire fluorescent control



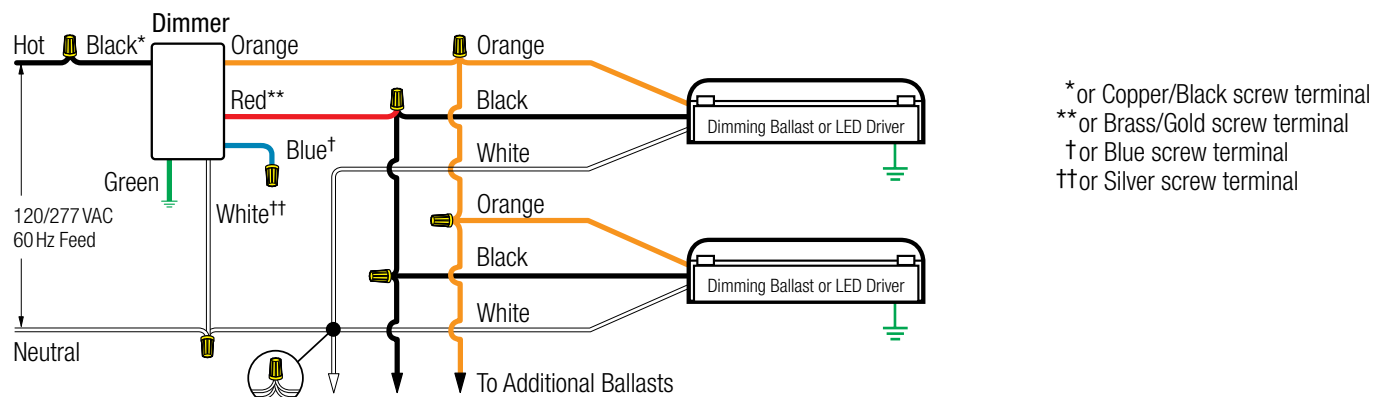
## Wiring diagram #26

Single-pole wiring of 3-wire fluorescent control



## Wiring diagram #27

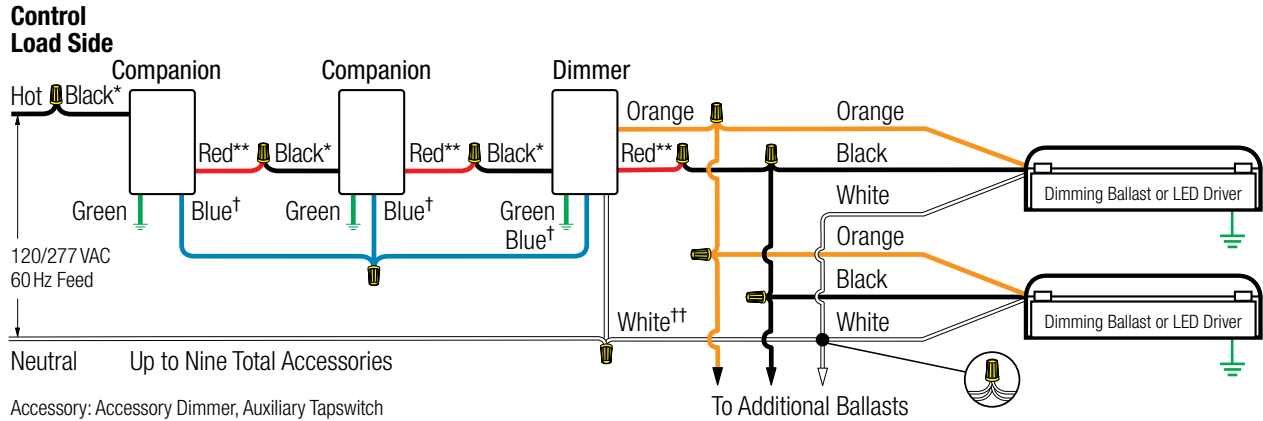
Single-pole wiring of multi-location 3-wire fluorescent control





**Wiring diagram #28**

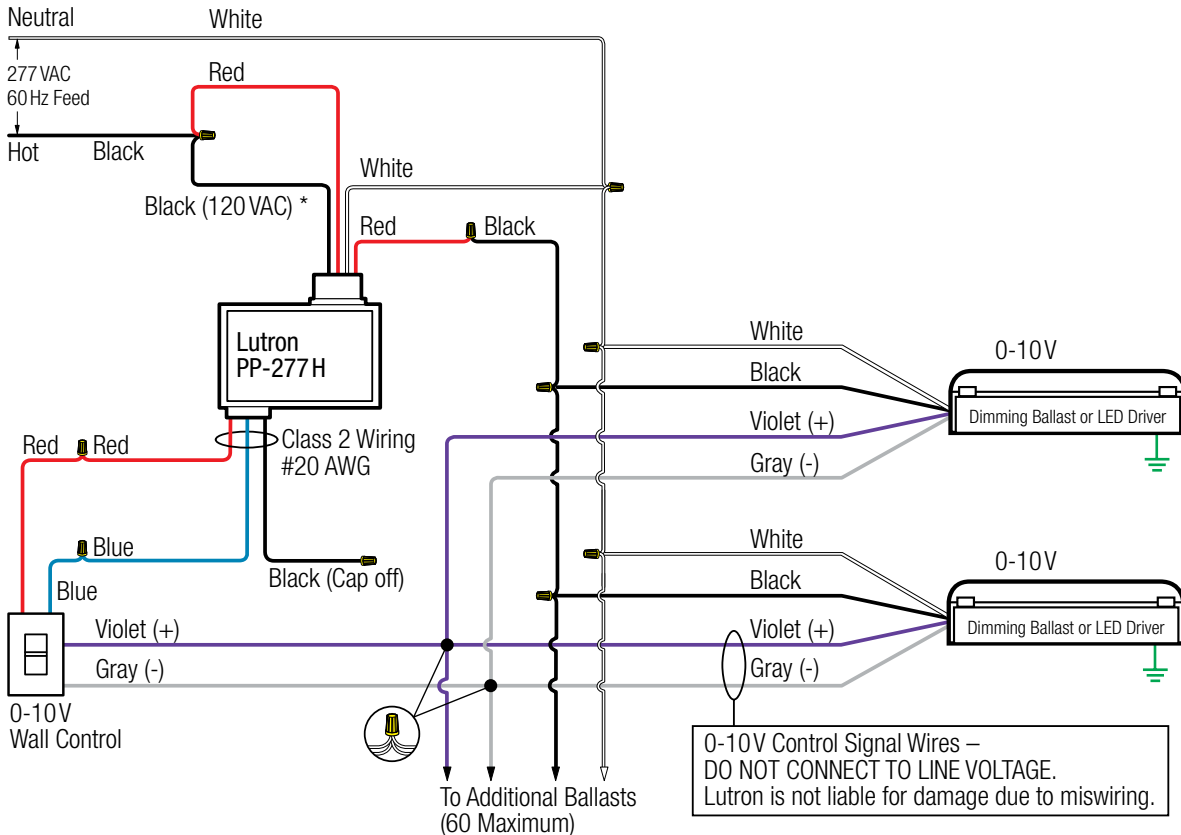
Multi-location wiring of 3-wire fluorescent control



- \* or Copper/Black screw terminal
- \*\* or Brass/Gold screw terminal
- † or Blue screw terminal
- †† or Silver screw terminal

**Wiring diagram #29**

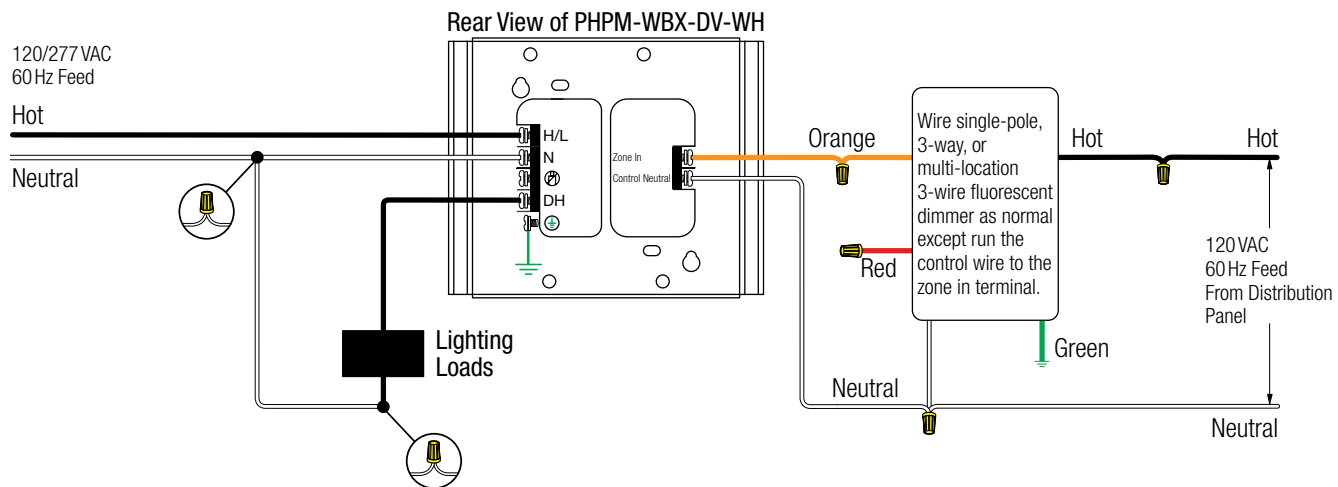
Single-pole wiring of 0-10V fluorescent control and a Power Pack (PP-277H shown)



\*Wiring is similar for PP-120H, PP-230H, and PP-347H  
For PP-20, contact Lutron Technical Support at 1.800.523.9466

## Wiring diagram #30

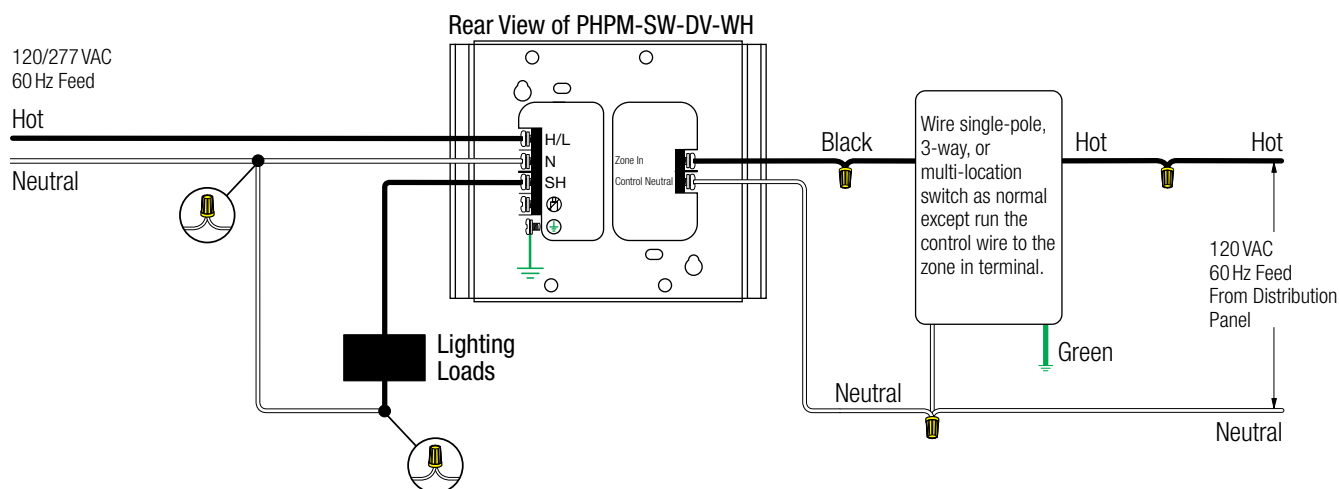
Power interfaces with 3-wire fluorescent control wiring:  
Incandescent/halogen/magnetic low-voltage/electronic low-voltage



For neon/cold cathode loads, the 3-wire dimmers, low-end trim needs to be adjusted. Select a 3-wire dimmer that has an adjustable low-end trim.  
\*For Tu-Wire® loads replace PHPM-WBX-DV with a PHPM-PA-DW and wire it the same way.

## Wiring diagram #31

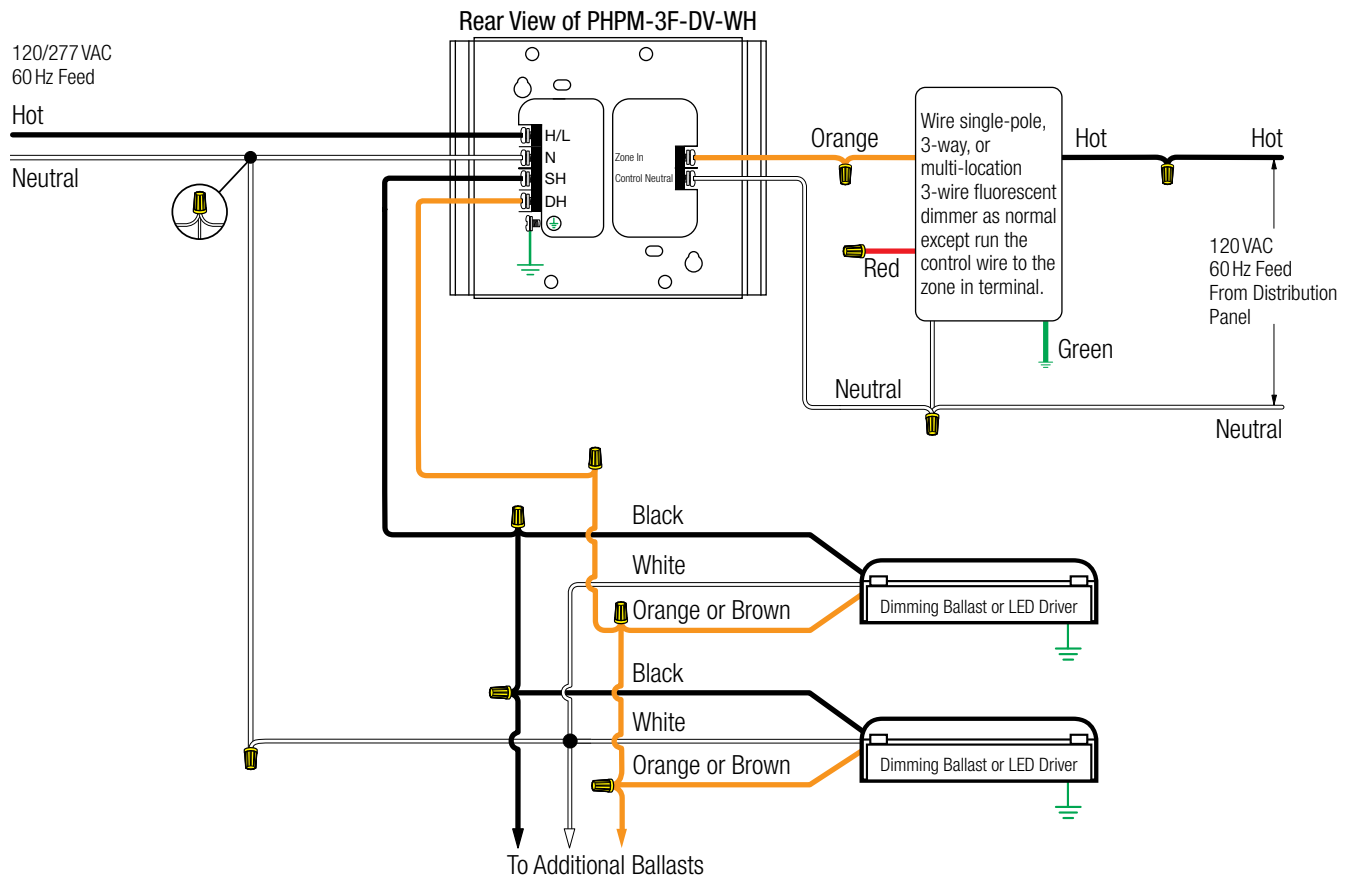
Switching power interface:  
Incandescent/halogen, MLV, ELV, Magnetic and Electronic fluorescent ballasts, HID



Also compatible with motor loads.

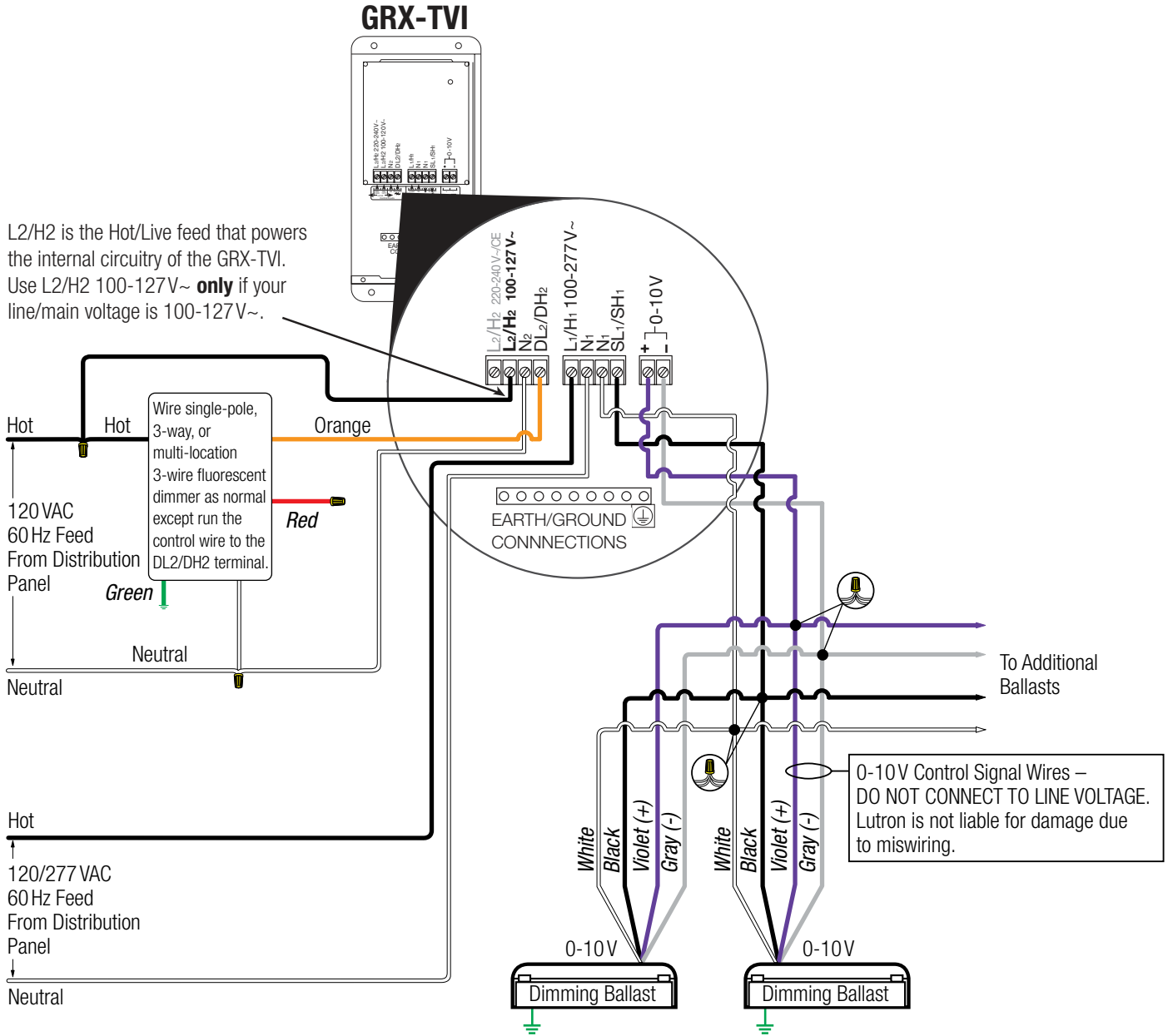
**Wiring diagram #32**

Fluorescent dimming ballast interface (PHPM-3F-DV-WH) with 3-wire fluorescent dimmer wiring



**Wiring diagram #33**

0-10V power interface (GRX-TVI) with 3-wire fluorescent dimmer wiring:  
 0-10V fluorescent ballast wiring shown



Some 0-10V LED and fluorescent loads require low-end trim adjustments. Select a 3-wire dimmer that has an adjustable low-end trim.  
 0-10VDC sink control

**0-10V Control**

An analog lighting control protocol. A 0-10V control modifies a voltage between 0 and 10 volts DC to produce a varying intensity level. There are two existing 0-10V standards and they are not compatible with each other. The two 0-10V control types are 1) current source (theatrical dimming standard ESTA E1.3) and 2) current sink (dimming ballast standard IEC Standard 90626).

**3-way Dimmer with Switches**

3-way dimmers adjust the light level from one location. When used with 3-way and 4-way switches, the lights can be switched "ON" to the dimmer level from additional locations (a 3-way switch is for two locations; a 4-way switch is for three or more locations).

**Air-Gap Switch**

A safety feature in all Lutron controls that provides true "off" function by disconnecting power to a lighting load. The switch physically separates two contacts, resulting in an air gap between the contacts. The switch is visible and front accessible. Styles vary for each dimmer type.

**Amperes/Amps (A)**

Electrical current unit of measurement.

**Astronomical Time Clock**

A time switch programmed for a specific geographic location to provide automatic timed event control of lights and/or shades. The programmed time can be a fixed time or coordinated with sunrise and sunset times that change daily throughout the year.

**Backbox (Wallbox, Switchbox)**

A wall-mounted metal or plastic enclosure housing one or more electrical devices (available in single or multiple gangs). Standard USA 1-gang size is used for Lutron domestic controls (3 in high x 2.5 in deep). See page 179 for further information.

**Ballast**

An electrical device required to start and operate all fluorescent and high intensity discharge (HID) lamps. Ballasts furnish the necessary voltage and current for starting and operating the lamp(s). Internationally, a ballast is sometimes referred to as control gear.

**C•L® Dimmer**

UL listed for controlling a broad range of dimmable CFLs and LEDs. They offer more reliable dimming performance over standard dimmers when dimming CFLs and LEDs, and also provide full range dimming for incandescent and halogen bulbs. C•L dimmers enable you to future-proof your lighting control for new bulbs.

**Compact Fluorescent Lamp (CFL)**

A high efficiency lamp type that can be dimmed using a matching dimming ballast and dimmer. Standard lamp types are Twin Tube, Quad Tube, and Triple Tube. They are available in 2-pin and 4-pin versions. To operate, both require an external ballast located in the fixture; 2-pin versions are not dimmable, and 4-pin versions are dimmable when used with a dimming ballast. Screw-base CFLs are designed to replace incandescent lamps in existing fixtures, but most are not dimmable. Some can be dimmed, with a Lutron C•L dimmer. Confirm the compatibility of CFL lamp and C•L dimmer before installation.

**Companion Dimmer**

Allows for dimming from two or more wall locations when used with a compatible multi-location dimmer.

**Companion Switch**

Allows for switching from two or more wall locations when used with a compatible multi-location switch.

**Control Zone**

A lighting fixture or group of fixtures that are controlled simultaneously. For example: two wall sconces wired together and controlled with one dimmer is a control zone. Window shades can also be grouped together as zones.

**Daylight Sensor**

A device that monitors changes in available daylight. Typically ceiling or luminaire mounted, the sensor provides a feedback signal for automatic dimming or switching of electric lighting (see Photo Sensor).

**Derating**

In relation to Lutron wallbox dimmers, the reduction of the power (Wattage) or current (Amps) capacity that a wallbox dimmer can reliably handle. Dimmers must be derated when side sections of the mounting yoke or fin have been removed from the unit to allow for ganging. See pages 181-184.

**Digital Fade Dimmers**

Lutron dimmer types that provide a gradual fade-to-off/fade-to-on feature when the switch is pressed, as compared to the more traditional slide-to-off or rotary dimmers that turn on/off with immediate response. Digital fade dimmers also include LED indicator lights to show the light level in the room.

**Dimmer**

An electronic control device used to vary the intensity of light output from a lamp source. Electronic dimmers reduce light level by reducing the power delivered to the lamp source, which saves energy. Dimmers also provide longer lamp life for incandescent, halogen, and low voltage sources (e.g., 10% dimming doubles the expected lamp life).

**Double-tap**

A feature of some Lutron products in which two fast presses (in quick succession) bring lights on to full intensity, temporarily overriding any preset light level.

**Driver**

Auxiliary device needed to provide the correct power to operate an LED light source. The driver regulates the voltage and current to the LEDs. Dimmable drivers also vary the intensity of light output by reducing current or voltage.

**Dual Device**

A combination dimmer, switch, timer, or fan control that offers independent control of two groups of lights or fans, and only takes up a 1-gang electrical backbox.

**eco-dim®**

A Lutron dimmer that guarantees at least 15% energy savings compared to standard switches, and also provides 3x longer lamp life for incandescent/halogen lamps.

**eco-minder™**

A Lutron dimmer with LED lights that turn from red to green to demonstrate when you are saving 15% or more energy as compared to a standard switch.

**eco-timer**

A Lutron timer switch that automatically turns a fan or light off after a set period of time. LED indicators change as the time counts down from 5 minutes to 1 hour. A one-minute blink warning signals when the load is about to be turned off.

**Electronic Low-Voltage (ELV)**

A low-voltage incandescent or LED lighting source that uses a solid-state electronic transformer or driver to step down the incoming line voltage to the voltage required by the lamp (typically 12V). Most ELV transformers are dimmable and use reverse phase control (trailing edge) ELV dimmers. Track and recessed down lights can be electronic low-voltage or magnetic low-voltage. ELV transformers should only be used with an ELV type dimmers.

**Electronic Switch**

Uses semiconductor device(s) to turn on and off the current flow into the load. These switches also include a mechanical disconnect (air-gap switch) to manually disconnect power for safety when replacing lamps. They typically need to be derated when ganged. Electronic switches can only be used with the load type they are approved to operate and are listed under UL1472 or UL508.

**Electrostatic Discharge Protection**

Protects Lutron products from static discharges (static shocks) common in dry climates, up to 16 kiloVolts, without damage or loss of memory.

**Fade Time**

The total time it takes the lighting controlled by a dimmer to change from one preset level to another. The time can be set from 0 seconds to 60 minutes.

**Fan-motor Hum**

The noise made by a fan motor at lower speeds when controlling the fan using fully variable technology. Lutron has quiet 3-speed and 7-speed controls that do not cause the fan motor to hum.

**Fin**

The raised vertical metal dividers or side sections on certain Lutron dimmers—these serve as a “heat sink” to dissipate heat.

**Fins Broken (FB)**

Removing a portion of the fins (heat sink) to fit dimmers into a standard backbox, using standard size wallplates. The dimmer's wattage capacity must be derated. Also see Ganging and Derating, page 179 when ganging dimmers.

**Fluorescent Lamp**

A low intensity “discharge” lamp that produces light when electric current passes through mercury gas. The resulting arc produces ultraviolet energy, which causes the phosphor coating on the inside of the glass envelope to produce light. Fluorescent lamps require a ballast to start the lamp and maintain the light output. Fluorescent dimming ballasts are available for most fluorescent lamps, so the lamps can be dimmed down to as low as 1% of their maximum measured light output.

**Fully Variable Fan Control**

Offers full control of a fan motor over a continuous range. It can be used for controlling one or more ceiling paddle fan(s) or exhaust fan(s). Also see Quiet 3-Speed Fan Control or Quiet 7-Speed Fan Control.

**Ganging**

Mounting two or more dimmers, switches, receptacles or controls side-by-side, in a series of connected (ganged) backboxes.

**Ground Fault Circuit Interrupter (GFCI)**

A safety device that monitors current flow, and quickly turns off a circuit when the current returning on the neutral wire is less than what is going out on the hot wire (difference  $\geq 6$  mA). It is intended to provide protection from potentially dangerous ground-fault currents.

**Halogen Lamp**

A higher efficiency incandescent lamp in which halogen is added to the gas in the quartz glass inner envelope. This allows the lamp to operate more efficiently and a slightly higher color temperature. Halogens have a longer life and higher lamp lumen depreciation. Also called quartz halogen or tungsten halogen.

**Incandescent Lamp**

An electric lamp in which a filament gives off light when heated by an electric current. Standard light bulbs are incandescent line voltage (120 Volt). They offer excellent color rendering, and are simple to replace but are short-lived and inefficient. Newer, more efficient incandescent types are halogen and low-voltage lamps.

**Infrared (IR)**

Signals in the frequency range just below visible light. IR signals are used for remote control of televisions and audio video products. Several Lutron products use IR signals for on/off control, selecting presets and providing raise/lower control of lighting and/or shades. Lutron hand-held remote controls transmit IR signals to the control device's IR receiver. Remote controls by other manufacturers can also be used, allowing one remote to control many different components, including lights and shades.

**Infrared Receiver (IR Receiver)**

A hand-held component that receives signals from an IR transmitter. Receivers require line-of-sight for functionality. Lutron products with IR receivers include dimmers, control units, and shades.

**Infrared Transmitter (IR Transmitter)**

A component such as a IR remote control that transmits signals to an IR receiver.

**Lamp Debuzzing Coil**

An inductor connected between the control and the load to minimize lamp or transformer buzz and radio frequency interference.

**Lamp Life**

Average rated time period of the operation of a lamp before it fails to produce light. For incandescent and fluorescent lamps, manufacturers define this as the point in time when 50% of the lamps have failed. LED lamp life is defined as when the light output from the LED falls below 70% of its maximum lumen output.

**LED (Light Emitting Diode)**

A solid state, energy efficient light source. LEDs can have up to a 100,000 hour life, are cooler to the touch, and provide more lumen output per input watt than incandescents, which equates to less wasted energy. White LEDs are blue LEDs with a yellow phosphor and are used in architectural, commercial, and residential projects. Red, Green, and Blue (RGB) LEDs are used in signage, traffic lights, and multi-colored lighting effects. LEDs need a driver to operate. Screw-based LEDs can be used as a direct replacement for incandescent/halogen lamps. Some dimmable versions are compatible with Lutron C•L® dimmers. Confirm the compatibility of the LED lamp and C•L dimmer before installation. For details on controlling LEDs, visit [www.lutron.com/led](http://www.lutron.com/led).

**LED Driver**

Auxiliary device(s) needed to operate LED lamps. They operate by regulating both the voltage and current power that the LEDs source. There are both dimming and switching types.

**Linear Slide Dimmer**

A Lutron dimmer that controls the light level by a knob that slides up or down to the selected light level.

**Locator Light**

A small indicator light on some dimmers and accessory controls that remains illuminated to help a user locate the control in a dark space.

**Magnetic Low-Voltage (MLV)**

A low-voltage incandescent lighting source that uses a magnetic transformer to step down the incoming line voltage to that required by the lamp (typically 12V). Track and recessed lights can be magnetic low-voltage. Magnetic low-voltage transformers tend to be larger and heavier than electronic low-voltage (ELV) transformers, and their power consumption must be counted toward dimmer load.

**Mechanical (General Purpose) Switch**

The common wall switch that is used to turn on/off lighting or other loads. A general-purpose switch typically comes in single pole, 3-way, and 4-way varieties, and sometimes will include a locator light that is either an LED or neon indicator lamp. Mechanical switches typically do not need to be derated when ganged.

**Multi-Location Dimming**

The ability to provide true dimming of a lighting load from two or more locations. A multi-location dimmer must be used with specific companion dimmers or accessory dimmers. Standard 3-way/4-way wiring can be used. Multi-location dimming is also available from wireless Lutron products, such as the Pico® wireless control.

**Neon/Cold Cathode (NCC)**

Tubular shaped lamps that are typically less than an inch in diameter. They are used for decorative lighting or signage, and are custom shaped to fit into coves or wrap around columns, or shaped into letters (i.e., outdoor signs). Cold cathode lamps used in architectural lighting are 1/2" to an inch in diameter, and filled with mercury. These are available in a range of white color temperatures. NCC lamps operate similar to fluorescent lamps. The ionized gas causes a phosphor coating on the inside of the lamp to produce light. A step-up (high voltage) transformer/ballast is required to start and operate NCC lamps. Many NCC transformers are dimmable. Dimmer type must be matched to transformer type.

**No Fins Broken (NFB)**

Nova T☆® and Vareo® dimmers with no fins broken require additional gangs of backboxes and larger wallplates (see Fins Broken).

**Non-Dimmed Load (Switched Load)**

A load that can only be turned on/off and not set at any intermediate lighting level or motor speed. This term can refer to a lighting load, a fan, or a motor load.



## **Occupancy Sensor**

A device that detects the presence/absence of people in a space, and provides automatic switching or dimming of lighting. The primary purpose is to automatically turn lighting off when an area is not occupied, to ensure energy savings. An occupancy sensor will also turn lighting on automatically when it detects a person (Auto On/Auto Off) (see Vacancy Sensor).

## **Photo Sensor**

Another name for a daylight sensor.

## **Power Failure Memory**

When power is restored after a power failure (up to 10 years), lighting and shading is restored to the same levels set prior to the power failure. This minimizes the inconvenience of power service interruptions.

## **Preset**

Predetermined light intensity or shade position for a lighting or shade zone that can be recalled by pressing a single button. You can also adjust lights/shades without losing the presets (see Scene).

## **Quiet 3-Speed Fan Control**

A fan control that offers three pre-set speeds plus off, and can typically be used for controlling one ceiling paddle fan. These fan controls do not cause the motor to hum (see Fully Variable Fan Control).

## **Quiet 7-Speed Fan Control**

A fan control that offers seven pre-set speeds plus off, and can typically be used for controlling up to four ceiling paddle fans. These fan controls do not cause the motor to hum (see Fully Variable Fan Control).

## **Radio Frequency (RF)**

A wireless control method for operating lights, shades and other systems. Lutron utilizes Clear Connect® RF control technology, which operates at frequencies in the 400Mhz range. These frequencies pass through most materials and are designed to be extremely reliable. Lutron's frequency choices provide less interference to and from other devices.

## **Radio Frequency Interference (RFI)**

Generated by most electronic equipment, including solid-state dimmers. RFI can create a buzzing noise in nearby audio and radio equipment. Every Lutron dimmer contains a filter to suppress RFI; additional filtering may be required in some applications. Keep dimmers and wiring 8 feet away from A/V and other electronic equipment to minimize RFI interference.

## **RFI Filter**

An electrical circuit that is part of all Lutron dimmers. It is intended to reduce radio frequency interference (RFI) and lamp buzz.

## **Scene**

The lighting effect achieved by adjusting one or more zones of lighting to the desired intensity (see Preset).

## **Screw-base Compact Fluorescent Lighting (CFL)**

Screw-in CFLs that are rated for dimming will typically only dim down to about 10% to 30% of the lamp's light output. For more information on dimming these lamps please visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled).

## **Screw-base LED Lighting**

Screw-in LEDs that are rated for dimming will typically only dim down to about 5% to 15% of the lamp's light output. For more information on dimming these bulbs please visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled).

## **Sensor**

A device that detects motion, daylight, heat, and partition location, and provides the information to allow for automatic control of lighting, shading, and other building systems.

## **Single-pole Dimmer/Switch**

A switch or dimmer that controls a lighting zone from one location only. A 3-way dimmer or a multi-location dimmer can be used as a single-pole.

## **Slide-to-Off**

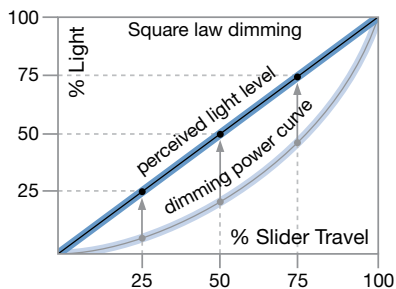
Style of dimming control with a linear slide knob in which the lowest travel position is off.

### Smart “Electronic” Dimmers

Smart dimmers use a microprocessor to set the light level and offer more advanced features, such as multi-location control, RF or IR remote control capability, and long fade times. These dimmers typically have a tap switch for on/off, a rocker switch to change light levels, and a column of LEDs to indicate relative light levels.

### Square Law Dimming

A dimmer or control is calibrated so that the linear slider position or LED indicator column provides a true representation of the light level, as perceived by the user. For example, if the slider is set at the halfway point or one-half or the column of LEDs is lit, the light level appears to be at 50%. Dimmers adjusted in this way will also use the full range of the slider or LED indicator without any “dead” travel at the top or bottom slide position or indicator LED column.



### Status Light

A light that brightens to indicate when a device is on and dims when the device is off.

### Surge Protection

Circuitry that protects Lutron products against a near lightning strike surge of 6000V, 3000A, as recommended by the ANSI/IEEE standard c62.41.

### Tap Switch

An activator of a Lutron dimmer or electronic switch with a flat mechanical button that, when pressed, allows the lights to turn on to a desired preset level, and to turn off when pressed a second time. Dimmer versions have a small slider or rocker that allows the user to adjust the lighting level.

### Toggle (On/Off)

A switch or keypad button that alternates between two states (typically on/off) with each activation.

### Transformer

A device that changes line voltage (120V or 277V) to 24V, 12V or 6V needed for low voltage lighting sources. It can be integral to the lighting fixture for low voltage lamps (e.g., MR-16 or Par 36). Standalone (remote) transformers can supply multiple lamps or luminaires (e.g., for a low voltage lighting strip in a ceiling cove). Transformers can be electronic or magnetic, and dimmers must be matched to either type.

### Triac

The electronic component responsible for the dimming function in many Lutron dimmers. This component reduces the power to a light by switching on/off very rapidly (120 times per second). Lutron products use heavy-duty-rated triacs that are tested to last over 10 years.

### Tungsten-Halogen Lamp

See halogen lamp.

### Vacancy Sensor

A device that detects the absence of people in a space, and provides automatic switching of dimming of lighting. The primary purpose is to automatically turn lighting off when an area is not occupied, saving energy. Designed to meet California Title 24 requirements, a vacancy sensor relies on a person operating a manual switch to turn lighting on (manual on/auto off) (see Occupancy Sensor).

## **Voltage**

The electrical potential, measured in volts (V), supplied by an electrical system. In the U.S. the standard voltage systems operate at a 60Hz frequency. In residential applications, the standard service is referred to as 120/240V, commonly known as a single-phase system. Commercial buildings have two common service types. In smaller buildings, it is 120/208V, known as a three phase service. The interior lighting in these applications generally uses 120V feeds. In larger buildings, the primary service is 277/480V, which is also known as three phase service. The interior lighting in these applications generally uses 277V feeds. International voltage varies by country.

## **Voltage Compensation**

Special circuitry that maintains consistent power delivered to the lamp, in the event of incoming line-voltage variations.

## **Wallplate**

A decorative faceplate that covers a dimmer or lighting control by attaching to the front of the unit. Lutron wallplates have no visible screws and are available in up to 6-gang, with seamless appearance, in a wide variety of colors and finishes.

## **Watt (W)**

Basic unit of measurement for electrical power consumption.

## **Zone**

A lighting fixture or group of fixtures that are controlled simultaneously. For example: two wall sconces wired together and controlled with one dimmer is a zone. Window shades can also be grouped together as zones. Also called a "control zone."

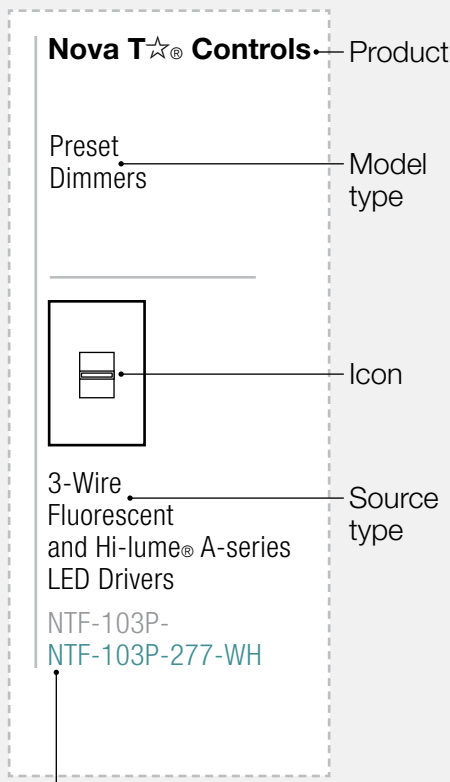
For a more detailed glossary of terms, go to [www.lutron.com/glossaryofterms](http://www.lutron.com/glossaryofterms).

## How to use this section

The visual index provides an alphabetical summary of each control family, with available models and model numbers.

Lutron wallbox products have a pre-assigned model number. Each group of letters or numbers represents basic product information.

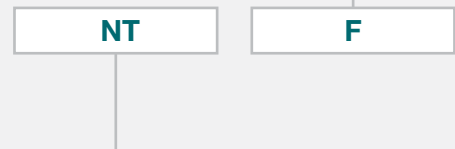
### Example: Visual Index Entry



Model number

- Nova T☆
- Fluorescent
- 1000 Watt
- 3-way
- Preset
- 277 Volt
- White

### Example: Deconstructing a Model Number



### Product Family

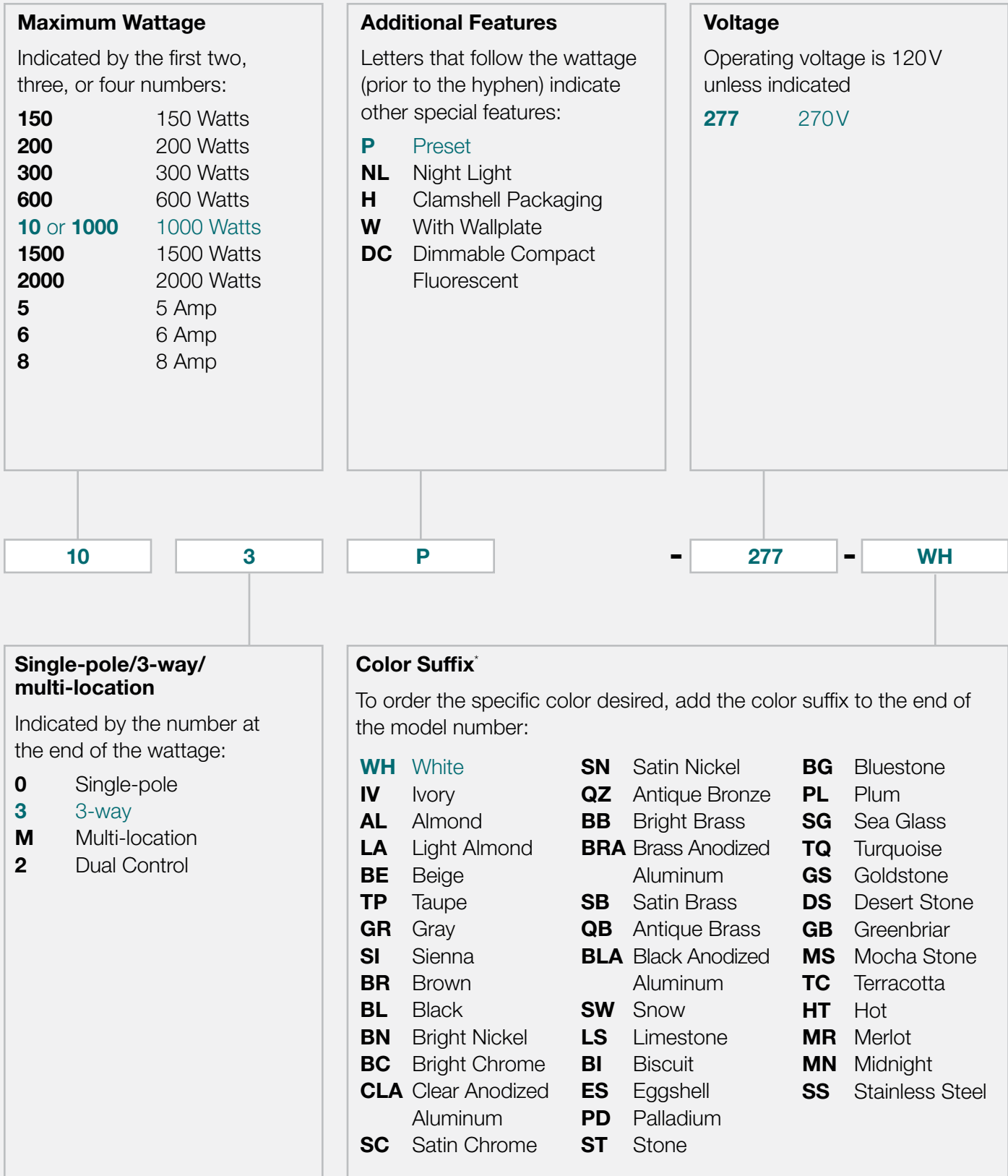
The first letters of the model number represent the product family.

<b>MA</b>	Maestro®	<b>GL</b>	Glyder®
<b>MIR</b>	Maestro IR®	<b>FS</b>	Rotary Fan Control
<b>MRF2</b>	Maestro Wireless®	<b>D</b>	Rotary
<b>MSC</b>	Maestro Satin Colors®	<b>VT</b>	Vierti®
<b>MAW</b>	Maestro® Duo	<b>V</b>	Vareo®
<b>DV</b>	Diva®	<b>NT</b>	Nova T☆®
<b>DVW</b>	Diva Duo	<b>N</b>	Nova®
<b>DVSC</b>	Diva Satin Colors®	<b>C</b>	Centurion®
<b>CT</b>	Skylark Contour®	<b>FW/FG</b>	Fassada®
<b>S</b>	Skylark®	<b>TT</b>	Credenza®
<b>CW</b>	Claro® Wallplate	<b>LC</b>	Attaché®
<b>CA</b>	Claro Accessory	<b>SC</b>	Satin Colors Accessory
<b>AY</b>	Ariadni®		

### Load Type

All other letters before the hyphen represent the load type. If there is no other lettering, the dimmer is incandescent.

- LV** Magnetic Low Voltage
- ELV** Electronic Low Voltage
- F** Fluorescent
- FS** Fan Speed
- Q** Quiet Fan Speed
- AD** Accessory Dimmer
- AS** Accessory Switch
- L** Light
- R** Remote
- TU** Tu-wire®
- CL** Screwbase and dimmable CFL/LED



**Maximum Wattage**  
 Indicated by the first two, three, or four numbers:

<b>150</b>	150 Watts
<b>200</b>	200 Watts
<b>300</b>	300 Watts
<b>600</b>	600 Watts
<b>10 or 1000</b>	1000 Watts
<b>1500</b>	1500 Watts
<b>2000</b>	2000 Watts
<b>5</b>	5 Amp
<b>6</b>	6 Amp
<b>8</b>	8 Amp

**Additional Features**  
 Letters that follow the wattage (prior to the hyphen) indicate other special features:

- P** Preset
- NL** Night Light
- H** Clamshell Packaging
- W** With Wallplate
- DC** Dimmable Compact Fluorescent

**Voltage**  
 Operating voltage is 120V unless indicated

**277**    270V

**10**

**3**

**P**

**- 277 -**

**- WH**

**Single-pole/3-way/multi-location**  
 Indicated by the number at the end of the wattage:

<b>0</b>	Single-pole
<b>3</b>	3-way
<b>M</b>	Multi-location
<b>2</b>	Dual Control

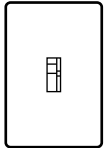
**Color Suffix\***  
 To order the specific color desired, add the color suffix to the end of the model number:

<b>WH</b> White	<b>SN</b> Satin Nickel	<b>BG</b> Bluestone
<b>IV</b> Ivory	<b>QZ</b> Antique Bronze	<b>PL</b> Plum
<b>AL</b> Almond	<b>BB</b> Bright Brass	<b>SG</b> Sea Glass
<b>LA</b> Light Almond	<b>BRA</b> Brass Anodized Aluminum	<b>TQ</b> Turquoise
<b>BE</b> Beige	<b>SB</b> Satin Brass	<b>GS</b> Goldstone
<b>TP</b> Taupe	<b>QB</b> Antique Brass	<b>DS</b> Desert Stone
<b>GR</b> Gray	<b>BLA</b> Black Anodized Aluminum	<b>GB</b> Greenbriar
<b>SI</b> Sienna	<b>SW</b> Snow	<b>MS</b> Mocha Stone
<b>BR</b> Brown	<b>LS</b> Limestone	<b>TC</b> Terracotta
<b>BL</b> Black	<b>BI</b> Biscuit	<b>HT</b> Hot
<b>BN</b> Bright Nickel	<b>ES</b> Eggshell	<b>MR</b> Merlot
<b>BC</b> Bright Chrome	<b>PD</b> Palladium	<b>MN</b> Midnight
<b>CLA</b> Clear Anodized Aluminum	<b>ST</b> Stone	<b>SS</b> Stainless Steel
<b>SC</b> Satin Chrome		

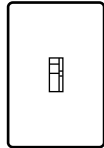
\*Some colors not available with certain families. Consult family pages or contact customer service.

**Ariadni® Controls** pg. 105

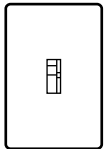
Preset Dimmers



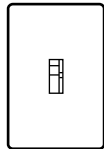
Incandescent/  
Halogen  
Dimmable CFL/  
LED (screw-base)  
C•L®  
AY-153P-



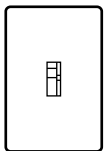
Incandescent/  
Halogen  
AY-600P-  
AY-10P-  
AY-603P-  
AY-103P-



Magnetic  
Low-Voltage  
AYLV-600P-  
AYLV-603P-

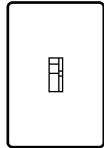


Incandescent/  
Halogen—  
eco-dim®  
AY-603PG-



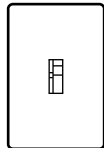
3-Wire  
Fluorescent  
and Hi-lume®  
A-series  
LED Drivers  
AYF-103P-  
AYF-103P-277-

Preset Dimmers  
with Locator Light



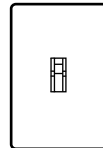
Incandescent/  
Halogen  
AY-600PNL-  
AY-10PNL-  
AY-603PNL-  
AY-103PNL-

Preset Fan  
Control



Quiet 3-Speed  
AYFSQ-F-

Preset Fan/  
Light Control



Quiet  
3-Speed  
and Incandescent/  
Halogen  
Dimmer  
AY2-LFSQ-

**Attaché® Controls**

pg. 129  
Lamp Dimmers



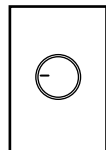
On Cord Lamp Dimmer with Locator Light  
LC-300NLH-



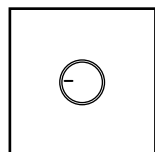
On Cord Lamp Dimmer  
LC-300H-WH

**Centurion® Controls** pg.45

Dimmers with Rotate On/Off Knob

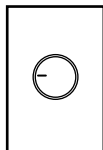


Incandescent/ Halogen  
C-600-  
C-1000-



Incandescent/ Halogen  
C-1500-  
C-2000-

Rotary Dimmers (Push On/Off)



Incandescent/ Halogen  
C-600P-  
C-10P-  
C-603P-  
C-103P-

**Credenza® Controls** pg. 127

Lamp Dimmers



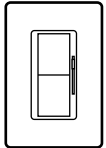
Plug-In Lamp Dimmer with Locator Light  
TT-300NLH-



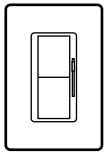
Plug-In Lamp Dimmer  
TT-300H-  
TTCL-100H-

**Diva® Controls** pg. 81

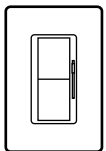
Dimmers with  
Locator Light



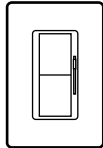
Incandescent/  
Halogen  
Dimmable CFL/  
LED (screw-base)  
C•L®  
DVCL-153P-  
DVSCCL-153P-



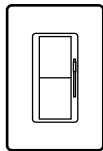
Incandescent/  
Halogen  
DV-600P-  
DVSC-600P-  
DV-10P-  
DVSC-10P-  
DV-603P-  
DVSC-603P-  
DV-103P-  
DVSC-103P-



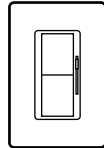
Incandescent/  
Halogen  
eco-dim®  
DV-603PG-



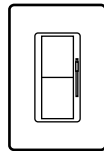
Electronic  
Low-Voltage  
DVELV-300P-  
DVSCELV-300P-  
DVELV-303P-  
DVSCELV-303P-



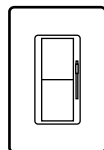
Tu-Wire®  
Fluorescent  
DVFTU-5A3P-  
DVSCFTU-5A3P-



Magnetic  
Low-Voltage  
DVLV-600P-  
DVSCLV-600P-  
DVLV-10P-  
DVSCLV-10P-  
DVLV-603P-  
DVSCLV-603P-  
DVLV-103P-  
DVSCLV-103P-

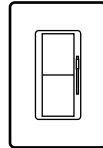


3-Wire  
Fluorescent  
and Hi-lume®  
A-Series  
LED Drivers  
DVF-103P-  
DVSCF-103P-  
DVF-103P-277-  
DVSCF-103P-277-



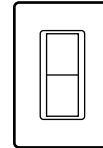
0-10V Fluorescent  
and LED Drivers  
DVTV-  
DVSCTV-

Fan Controls



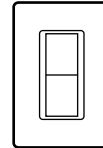
Quiet 3-Speed  
DVFSQ-F-  
DVSCFSQ-F-  
DVFSQ-F-HO-

Claro®/Satin  
Colors® General  
Purpose Switches



Any Switched  
Lighting or  
Motor Load  
CA-1PS-  
SC-1PS-  
CA-3PS-  
SC-3PS-  
CA-4PS-  
SC-4PS-

Claro®/Satin  
Colors® General  
Purpose Switches  
with Locator Light

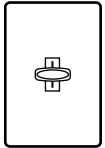


Any Switched  
Lighting or  
Motor Load  
CA-1PSNL-  
SC-1PSNL-  
CA-3PSNL-  
SC-3PSNL-  
CA-4PSNL-  
SC-4PSNL-



**Glyder® Controls** pg. 111

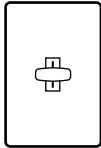
Dimmers with  
On/Off Switch



Incandescent/  
Halogen

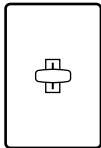
GL-600P-  
GL-10P-  
GL-603P-  
GL-103P-

Slide-To-Off  
Dimmers



Incandescent/  
Halogen

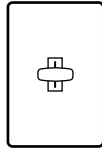
GL-600-  
GL-1000-



Magnetic  
Low-Voltage

GLV-600-

Slide-To-Off Fan  
Control

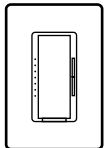


Fully Variable

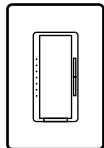
GFS-5E-

**Maestro® Controls** pg. 49

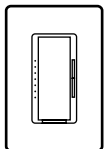
Digital Fade Dimmers



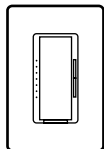
Incandescent/  
Halogen  
Dimmable CFL/  
LED (screw-base)  
C•L®  
MACL-153M-



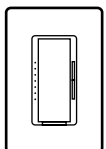
Magnetic  
Low-Voltage  
MALV-600-  
MALV-1000-  
MSCLV-600M-  
MSCLV-1000M-



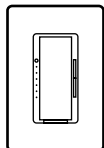
Incandescent/  
Halogen  
MA-600-  
MSC-600M-  
MA-1000-  
MSC-1000M-



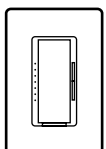
3-Wire  
Fluorescent  
and Hi-lume®  
LED Drivers  
MAF-6AM-  
MSCF-6AM-  
MAF-6AM-277-  
MSCF-6AM-277-



Incandescent/  
Halogen  
eco-dim®  
MA-600G-

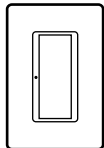


Incandescent/  
Halogen  
eco-minder®  
MA-600I-

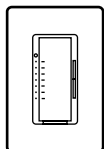


Electronic  
Low-Voltage  
MAELV-600-  
MSCELV-600M-

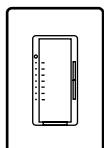
Switches and Timers



Digital Switch  
for Lighting  
or Fan  
MA-S8AM-  
MSC-S8AM-  
MSCF-S6AM-277-  
MAF-S6AM-277-

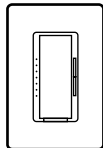


Countdown  
Timer Switch  
for Lighting  
or Fan  
(5–60 Minutes)  
MA-T51-  
MA-T51MN-

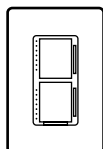


Countdown  
eco-timer™  
Switch for  
Lighting or  
Fan (5-30  
Minute Limit)  
MA-T530G-

Digital Fan Controls

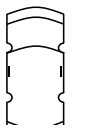


Quiet 7-Speed  
MA-FQ4FM-  
MA-FQ3-



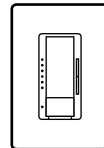
Preset  
Fan/Light  
Control

Incandescent/  
Halogen  
Dimmer  
Quiet 7-Speed  
MA-LFQHW-  
MA-LFQM-



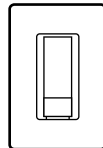
Fan canopy  
module  
CM-FQ1

Occupancy Sensing Dimmers



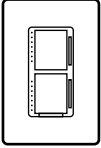
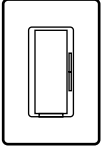
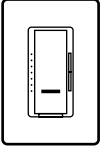
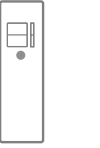
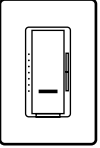
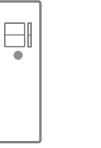
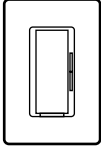
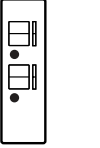
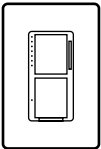
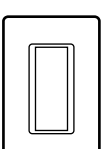
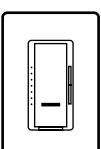
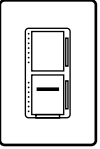
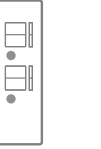
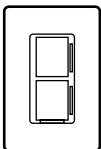
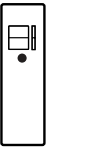
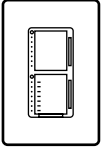
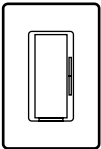
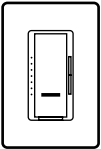
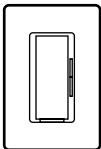
Incandescent/  
Halogen with  
Occupancy/  
Vacancy or  
Vacancy Sensor  
MS-OP600M-  
MS-VP600M-

Occupancy Sensing Switches



Switch with  
Occupancy/  
Vacancy or  
Vacancy Sensor  
MS-OPS2-  
MS-VPS2-  
MS-OPS5M-  
MS-VPS5M-  
MS-OPS6M2-DV-  
MS-VPS6M2-DV-  
MS-OPS6M2N-DV-  
MS-VPS6M2N-DV-

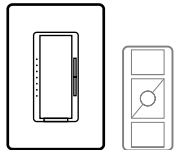
**Maestro IR® Controls** pg. 63

<p>Dual Devices</p>	<p>Companion Controls</p>	<p>Digital Fade Dimmers</p>	<p>Digital Fan and Dual Fan/Light Controls</p>	<p>Companion Controls</p>	
 <p>Dual Dimmers (Two Loads) Incandescent/Halogen Dimmers MA-L3L3-</p>	 <p>Companion Dimmer MA-R- MSC-AD- MA-R-277- MSC-AD-277-</p>	  <p>Incandescent/Halogen MIR-600- MIR-1000- MIR-600M- MIR-1000M- MIR-600THW-* MIR-600T-* MIR-1000T-* MIR-600MT-* MIR-1000MT-* MIR-603THW-*</p>	  <p>Quiet 7-Speed MIR-FQ4FMT-* MIR-FQ4FM-</p>	 <p>Companion Dimmer MA-R- MSC-AD-</p>	 <p>Dual IR Remote (Fan and Light) MIR-ITFS-LF-WH</p>
 <p>Dual Dimmer/Switch (Two Loads) Incandescent/Halogen Dimmer Switched Lighting or Fan MA-L3S25-</p>	 <p>Companion Switch MA-AS- MSC-AS- MA-AS-277-</p>	 <p>Magnetic Low-Voltage MIRLV-600- MIRLV-1000- MIRLV-600M- MIRLV-1000M-</p>	  <p>Preset Fan/Light Control Incandescent/Halogen Dimmer Quiet 7-Speed MIR-LFQTHW-* MIR-LFQMT-*</p>	 <p>Companion Fan/Light Control MA-ALFQ35-</p>	 <p>IR Remote MIR-ITFS-WH (Light Only) MIR-ITFS-F-WH (Fan Only)</p>
 <p>Dual Dimmer/Timer Control (Two Loads) Incandescent/Halogen Dimmer Switched Lighting or Fan Timer MA-L3T251-</p>	 <p>Companion Fan Control MA-AFQ4-</p>	 <p>Electronic Low-Voltage MIRELV-600- MIRELV-600M-</p>		 <p>Companion Fan Control MA-AFQ4-</p>	

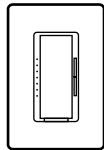
\*'T' models include remote control

**Maestro Wireless® Controls** pg. 73

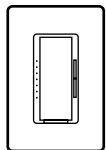
Digital Fade Dimmers



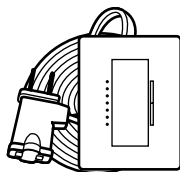
Incandescent/  
Halogen  
MRF2-600M-  
MRF2-600MTHW-\*



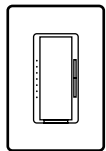
3-Wire  
Fluorescent  
and Hi-lume®  
LED Drivers  
MRF2-F6AN-DV-



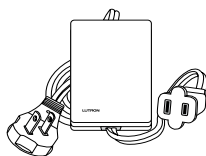
Incandescent/  
Halogen  
Magnetic  
Low-Voltage  
(Spec Grade)  
MRF2-6ND-120-  
(Spec Grade)  
MRF2-10D-120-  
(Spec Grade)  
MRF2-6MLV-



Incandescent/  
Halogen  
Lamp Dimmer  
MRF2-3LD-

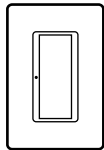


Incandescent/  
Halogen  
Electronic  
Low-Voltage  
MRF2-6ELV-120-

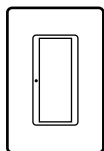


Plug-in  
Dimming Module  
MRF2-3PD-1-  
MRF2-3PD-3-

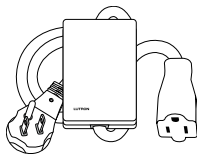
Digital Switches



Any Switched  
Lighting or Motor  
Load (Spec Grade)  
MRF2-8ANS-120-  
MRF2-8S-DV-

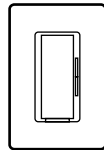


Any Switched  
Lighting or  
Motor Load  
MRF2-6ANS-

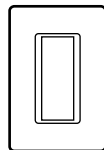


Plug-in  
Appliance Module  
MRF2-15APS-1-  
MRF2-15APS-3-

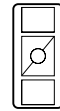
Companion Controls, Wireless Remotes, Sensors, and Accessories



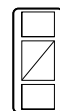
Companion  
Dimmer  
MA-R-  
MSC-AD-



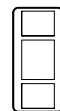
Companion  
Switch  
MA-AS-  
MA-AS-277-  
MSC-AS-  
MSC-AD-277-



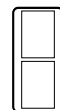
Pico® Wireless  
Control (3-Button  
with Raise/Lower)  
PJ-3BRL-G-



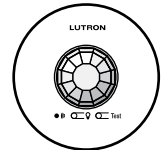
Pico Wireless  
Control (2-Button  
with Raise/Lower)  
PJ-2BRL-G-



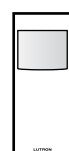
Pico Wireless  
Control (3-Button)  
PJ-3B-G-



Pico Wireless  
Control (2-Button)  
PJ-2B-G-



Radio Powr Savr™  
Occupancy/Vacancy  
or Vacancy Sensors  
LRF2-OCRB2-P-WH  
LRF2-VCRB2-P-WH



Radio Powr Savr™  
Occupancy/  
Vacancy or  
Vacancy Sensors  
LRF2-OHLB-P-WH  
LRF2-OKLB-P-WH  
LRF2-OWLB-P-WH  
LRF2-VHLB-P-WH  
LRF2-VKLB-P-WH  
LRF2-VWLB-P-WH

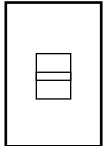


Radio Powr Savr  
Daylight Sensor  
LRF2-DCRB-WH

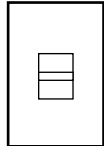
\*'T' models include remote control

**Nova® Controls** pg. 35

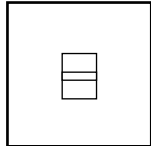
Slide-To-Off  
Dimmers



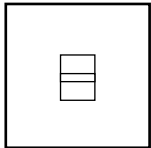
Incandescent/  
Halogen  
N-600-  
N-1000-



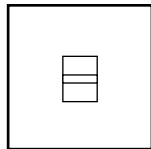
3-Wire  
Fluorescent  
and Hi-lume®  
A-Series  
LED Drivers  
NF-10-



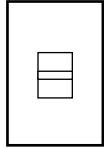
Magnetic  
Low-Voltage  
and Neon/Cold  
Cathode  
NLV-1000-  
NLV-1500-



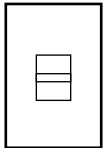
Incandescent/  
Halogen  
N-1500-  
N-2000-



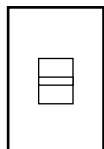
3-Wire  
Fluorescent  
and Hi-lume  
A-Series  
LED Drivers  
NF-10-277-



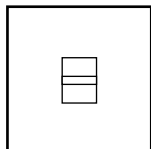
Fluorescent  
with Magnetic  
Ballasts  
NF-10-



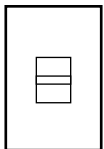
Tu-Wire®  
Fluorescent  
NFTU-5A-



Magnetic  
Low-Voltage  
and Neon/Cold  
Cathode  
NLV-600-

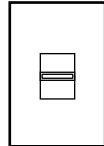


Fluorescent  
with Magnetic  
Ballasts  
NF-20-  
NF-30-  
NF-10-277-  
NF-20-277-

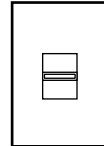


0-10V Fluorescent  
and LED Drivers  
NFTV-

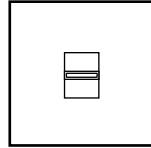
Preset  
Dimmers



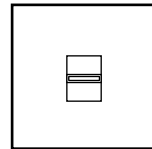
Incandescent/  
Halogen  
N-603P-  
N-1003P-



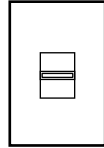
3-Wire  
Fluorescent  
and Hi-lume  
LED Drivers  
NF-103P-



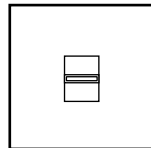
Incandescent/  
Halogen  
N-1503P-  
N-2003P-



3-Wire  
Fluorescent  
and Hi-lume  
A-Series  
LED Drivers  
NF-103P-277-



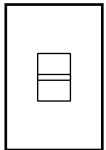
Magnetic  
Low-Voltage  
NLV-603P-  
NLV-1003P-



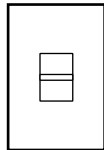
Magnetic  
Low-Voltage  
NLV-1503P-  
NLV-2003P-

**Nova T<sup>☆</sup>® Controls** pg. 25

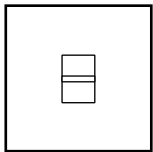
Slide-To-Off Dimmers



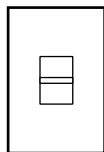
Incandescent/  
Halogen  
NT-600-  
NT-1000-



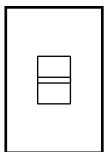
Electronic  
Low-Voltage  
NTELV-300-  
NTELV-600-



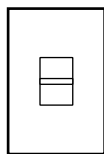
Incandescent/  
Halogen  
NT-1500-  
NT-2000-



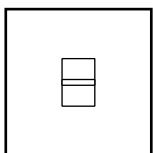
3-Wire  
Fluorescent  
and Hi-lume<sup>®</sup>  
LED Drivers  
NTF-10-  
NTF-10-277-



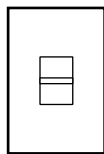
Magnetic  
Low-Voltage  
NTLV-600-  
NTLV-1000-  
NTLV-600-277-  
NTLV-1000-277-



0-10V Fluorescent  
and LED Drivers  
NTFTV-

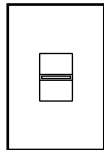


Magnetic  
Low-Voltage  
NTLV-1500-

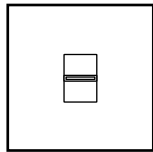


Tu-Wire<sup>®</sup>  
Fluorescent  
NTFTU-5A-  
NTFTU-5A-277-

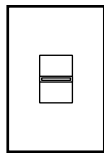
Preset Dimmers



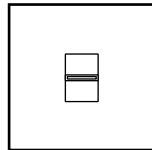
Incandescent/  
Halogen  
NT-603P-  
NT-1003P-



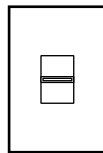
Incandescent/  
Halogen  
NT-1503P-



Magnetic  
Low-Voltage  
NTLV-603P-  
NTLV-1003P-

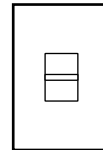


Magnetic  
Low-Voltage  
NTLV-1503P-



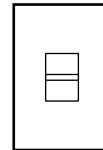
3-Wire  
Fluorescent  
and Hi-lume<sup>®</sup>  
LED Drivers  
NTF-103P-  
NTF-103P-277-

General Purpose Switches

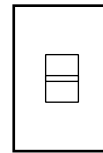


Any Switched  
Lighting or  
Motor Load  
NT-1PS-  
NT-3PS-  
NT-4PS-

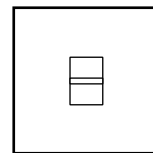
Slide-To-Off Fan-Speed Controls



Quiet 3-Speed  
NTFSQ-



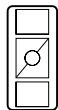
Fully Variable  
NTFS-6E-



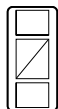
Fully Variable  
NTFS-12E-

**Pico® wireless controls** pg. 151

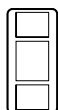
Wireless Remotes



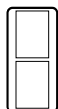
3-Button with Raise/Lower  
PJ-3BRL-G-



2-Button with Raise/Lower  
PJ-2BRL-G-



3-Button  
PJ-3B-G-

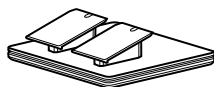


2-Button  
PJ-2B-G-

Accessories



Pico Pedestal (Single)  
L-PED1-



Pico Pedestals  
L-PED2- (dual)  
L-PED3- (triple)  
L-PED4- (quad)



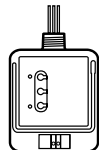
Wall-mount kit  
PICO-FP-ADAPT



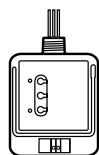
Car visor clip  
PICO-CARVISOR-CL

**PowPak® Controls**

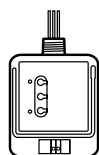
Remote Mount Modules  
pg. 133



Dimming Module  
RMJ-ECO32-DV-B

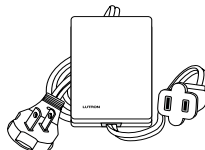


Relay Module  
RMJ-5R-DV-BW  
RMJ-5RCC01-DV-B  
RMJ-16R-DV-BW  
RMJ-16RCC01-DV-B

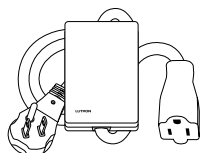


Dimming Module  
RMJ-CC01-B

Plug-in Modules  
pg. 125

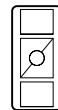


Dimming Module  
MRF2-3PD-1-  
MRF2-3PD-3-

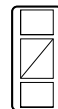


Appliance Module  
MRF2-15APS-1-  
MRF2-15APS-3-

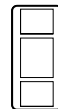
Wireless Remotes, Sensors and Accessories  
pg. 151 pgs. 143, 147



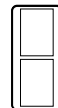
Pico Wireless Control (3-Button with Raise/Lower)  
PJ-3BRL-G-



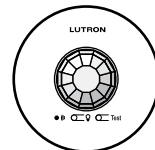
Pico Wireless Control (2-Button with Raise/Lower)  
PJ-2BRL-G-



Pico Wireless Control (3-Button)  
PJ-3B-G-



Pico Wireless Control (2-Button)  
PJ-2B-G-



Radio Powr Savr™ Occupancy/Vacancy or Vacancy Sensors  
LRF2-OCRB2-P-WH  
LRF2-VCRB2-P-WH



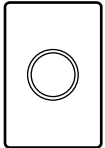
Radio Powr Savr™ Occupancy/Vacancy or Vacancy Sensors  
LRF2-OHLB-P-WH  
LRF2-OKLB-P-WH  
LRF2-OWLB-P-WH  
LRF2-VHLB-P-WH  
LRF2-VKLB-P-WH  
LRF2-VWLB-P-WH



Radio Powr Savr Daylight Sensor  
LRF2-DCRB-WH

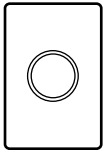
**Rotary Controls** pg. 117

Dimmers with  
Push On/Off Knob



Incandescent/  
Halogen

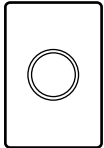
D-600P-  
D-603P-



Incandescent/  
Halogen  
eco-dim®

D-603PG-

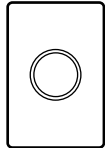
Dimmers with  
Push On/Off Knob  
and Locator Light



Incandescent/  
Halogen

DNG-600P-  
DNG-603P-

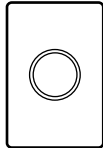
Dimmer with  
Rotate On/Off  
Knob



Incandescent/  
Halogen

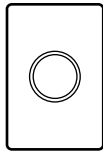
D-600R-

Fan Controls with  
Rotate On/Off  
Knob



Quiet 3-Speed

FSQ-2F-



Fully Variable

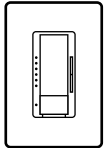
FS-5F-

FS-SE-



**Sensors** pgs. 137-150

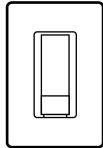
Maestro®  
Occupancy  
Sensing Dimmers



Incandescent/  
Halogen Dimmer  
with Occupancy/  
Vacancy Sensors

MS-OP600M-  
MS-VP600M-

Maestro  
Occupancy  
Sensing Switches



Switch with  
Occupancy/  
Vacancy or  
Vacancy Sensors

MS-OPS2-  
MS-VPS2-  
MS-OPS5M-  
MS-VPS5M-  
MS-OPS6M2-DV-  
MS-VPS6M2-DV-  
MS-OPS6M2N-DV-  
MS-VPS6M2N-DV-

Radio Powr Savr™



Radio Powr Savr™  
Occupancy/  
Vacancy or  
Vacancy Sensors

LRF2-OCRB2-P-WH  
LRF2-VCRB2-P-WH



Radio Powr Savr™  
Occupancy/  
Vacancy or  
Vacancy Sensors

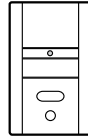
LRF2-OHLB-P-WH  
LRF2-OKLB-P-WH  
LRF2-OWLB-P-WH  
LRF2-VHLB-P-WH  
LRF2-VKLB-P-WH  
LRF2-VWLB-P-WH



Radio Powr Savr  
Daylight Sensor

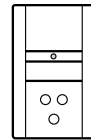
LRF2-DCRB-WH

LOS  
Wall Sensors



Passive Infrared  
Heavy Duty

LOS-SIR-HD-WH

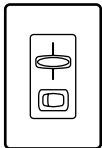


Passive Infrared  
Two Circuit  
Heavy Duty

LOS-S2IR-HD-WH

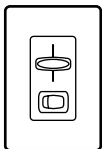
**Skylark® Controls** pg. 95

Dimmers with  
On/Off Switch



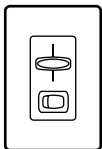
Incandescent/  
Halogen

S-600P-  
S-10P-  
S-603P-  
S-103P-



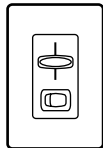
Incandescent/  
Halogen  
eco-dim®

S-603PG-



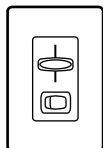
Electronic  
Low-Voltage

SELV-300P-  
SELV-303P-



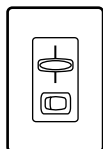
Magnetic  
Low-Voltage

SLV-600P-  
SLV-603P-



3-Wire  
Fluorescent  
and Hi-lume®  
A-Series  
LED Drivers

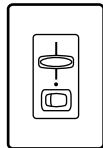
SF-103P-  
SF-12P-277-3-



Tu-Wire®  
Fluorescent

SFTU-5A3P-

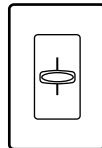
Dimmers with  
On/Off Switch  
and Locator Light



Incandescent/  
Halogen

S-600PNL-  
S-10PNL-  
S-603PNL-  
S-103PNL-

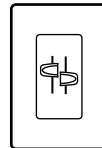
Slide-To-Off  
Dimmers



Incandescent/  
Halogen

S-600-  
S-1000-

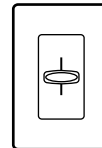
Dual  
Slide-To-Off  
Dimmers



Incandescent/  
Halogen

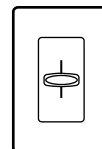
S2-L-

Slide-To-Off  
Fan Controls



Quiet 3-Speed

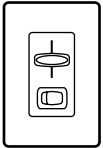
SFSQ-F-  
SFSQ-F-H0-



Fully Variable

SFS-5E-

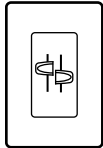
Slide-To-Off Fan  
Control and On/  
Off Light Switch



Quiet 3-Speed  
and On/Off  
Light Switches

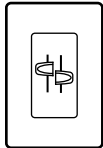
SFSQ-LF-

Dual Slide-  
To-Off Fan  
Control and  
Dimmer



Quiet 3-Speed  
and Incandescent/  
Halogen Dimmer

S2-LFSQ-



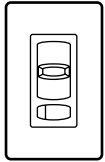
Fully Variable  
and Incandescent/  
Halogen Dimmer

S2-LF-

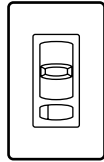
**Skylark Contour® Controls**

pg. 89

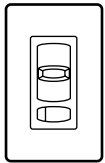
Dimmers with  
On/Off Switch  
and Locator Light



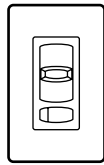
Incandescent/  
Halogen  
Dimmable CFL/  
LED (screw-base)  
C•L®  
CTCL-153P-



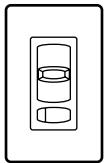
Incandescent/  
Halogen  
eco-minder®  
CT-603PI-



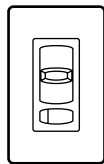
Incandescent/  
Halogen  
CT-600P-  
CT-603P-



Electronic  
Low-Voltage  
CTELV-303P-

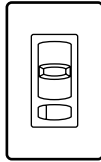


Incandescent/  
Halogen  
eco-dim®  
CT-603PGH-



Incandescent/  
Halogen and  
Magnetic  
Low-Voltage  
CT-103P-  
CTCL-603P-

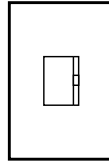
Fan Control



Quiet 3-Speed  
CTFSQ-F-

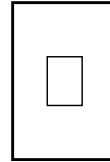
**Vareo® Controls** pg. 19

Preset Dimmers



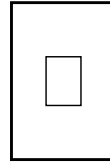
Incandescent/  
Halogen  
Magnetic  
Low-Voltage  
V-600-  
V-1000-

Tapswitch



Switched  
Lighting  
or Fan  
VETS-1000-

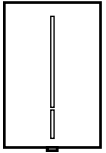
Auxiliary  
Tapswitch



Auxiliary  
Tapswitch  
VETS-R-

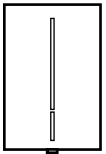
**Vierti® Controls** pg. 13

Preset Dimmers



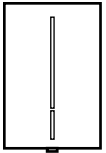
Incandescent/  
Halogen  
Magnetic  
Low-Voltage

VT-600-  
VT-600M-  
VT-1000M-  
VT-1000MN-



Electronic  
Low-Voltage

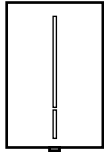
VTELV-600M-



3-Wire  
Fluorescent  
and Hi-lume®  
LED Drivers

VTF-6AM-

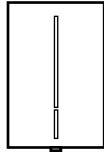
Electronic  
Switch



Switched  
Lighting  
or Fan

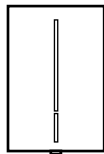
VT-S6AMUNV-

Companion  
Controls



Companion  
Dimmer

VT-AD-



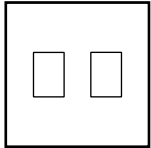
Companion Switch

VT-AS-

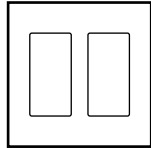
**Architectural Wallplates & Accessories** pg. 157

Wallplates  
(Multi-gang controls may  
require derating)

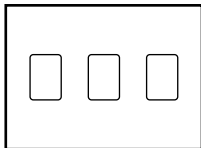
Accessories



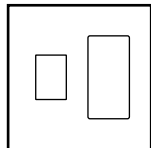
2-Gang for  
Two Dimmers  
or Switches  
VWP-2-



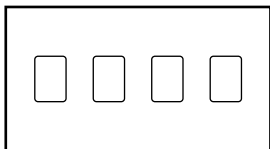
2-Gang for  
Two Accessories  
VWP-2R-



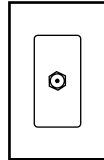
3-Gang for  
Dimmers  
or Switches  
VWP-3-



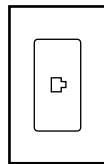
2-Gang for  
One Dimmer  
or Switch and  
One Accessory  
VWP-2CR-  
VWP-2RC-



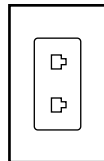
4-Gang for  
Dimmers  
or Switches  
VWP-4-



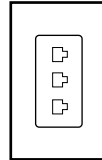
Single Cable  
Jack  
NT-CJ-



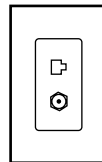
Single  
Telephone  
Jack  
NT-PJ-



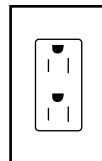
Double  
Telephone  
Jack  
NT-PJ8X2-



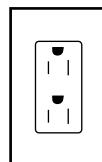
Triple  
Telephone  
Jack  
NT-PJ8X3-



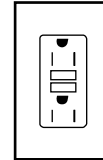
Phone/  
Cable  
Jack  
NT-PJ8CJ-



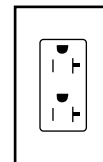
Tamper Resistant  
Receptacles  
NTR-15-TR-  
NTR-20-TR-



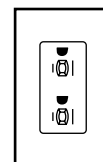
Receptacles  
NTR-15-  
NTR-20-



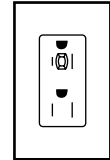
Tamper  
Resistant GFCI  
Receptacles  
NTR-15-GFTR-  
NTR-20-GFTR-



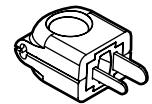
Isolated Ground  
Receptacles  
NTR-15-IG-OR-  
NTR-20-IG-OR-



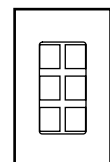
Dual Dimming  
Tamper Resistant  
Receptacles  
NTR-15-DDTR-  
NTR-20-DDTR-



Half Dimming  
Tamper Resistant  
Receptacles  
NTR-15-HDTR-  
NTR-20-HDTR-



Receptacle Plug  
for Dimming Use  
RP-FDU-10-



6-Port Frame  
(with 6 blank  
inserts)  
NT-6PF-

Connectors for  
6-Port Frame



Phone Jack  
(8-Conductor,  
RJ45 Category 3)  
CON-1P-C3-



Fiber Jack  
(LC Non-Flush  
Mount)  
CON-1F-LC-WH



Phone Jack  
(8-Conductor,  
RJ45 Category 5e)  
CON-1P-C5E-



Fiber Jack  
(ST Style)  
CON-1F-ST-WH



Phone Jack  
(8-Conductor,  
RJ45 Category 6)  
CON-1P-C6-



Cable Jack  
(F Style, 75-Ohm  
Coaxial Cable)  
CON-1C-



Fiber Jack  
(MT-RJ Feed  
Through)  
CON-1F-MTRJ-WH



BNC Jack  
(BNC Connector,  
50-Ohm)  
CON-1B-WH



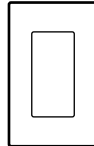
Fiber Jack  
(SC Simplex)  
CON-1F-SC-WH



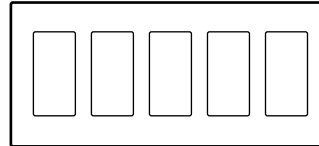
Blank Insert  
SC-BI

**Designer | Claro® & Satin Colors®**  
**Wallplates & Accessories** pg. 161

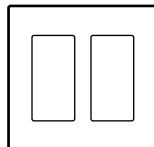
Wallplates  
(Multi-gang controls may require derating)



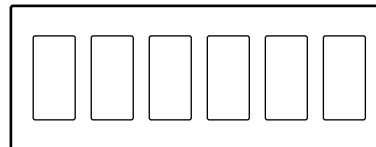
1-Gang  
CW-1-  
SC-1-



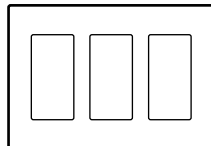
5-Gang  
CW-5-  
SC-5-



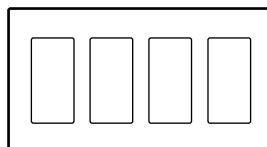
2-Gang  
CW-2-  
SC-2-



6-Gang  
CW-6-  
SC-6-



3-Gang  
CW-3-  
SC-3-

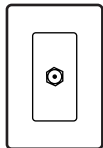


4-Gang  
CW-4-  
SC-4-

**Designer | Claro® & Satin Colors® Wallplates & Accessories**

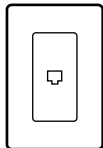
(continued) pg. 161

Accessories



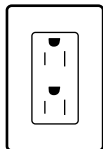
Single Cable Jacks

CA-CJ-  
SC-CJ-



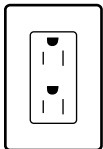
Single Phone Jacks

CA-PJ-  
SC-PJ-



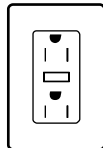
Tamper Resistant Receptacles

CARS-15-TR-  
SCRS-15-TR-  
SCRS-20-TR-



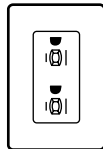
Receptacles

CAR-15-  
SCR-15-  
SCR-20-



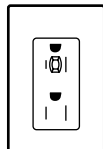
Tamper Resistant GFCI Receptacles

CAR-15-GFTR-  
SCR-15-GFTR-  
SCR-20-GFTR-



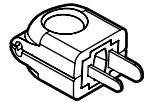
Dual Dimming Tamper Resistant Receptacles

CAR-15-DDTR-  
SCR-15-DDTR-  
CAR-20-DDTR-  
SCR-20-DDTR-



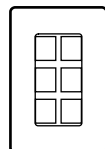
Half Dimming Tamper Resistant Receptacles

CAR-15-HDTR-  
SCR-15-HDTR-  
CAR-20-HDTR-  
SCR-20-HDTR-



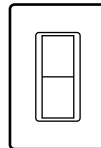
Receptacle Plug for Dimming Use

RP-FDU-10-WH  
RP-FDU-10-BR



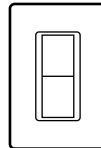
6-Port Frame (with 6 blank inserts)

CA-6PF-  
SC-6PF-



General Purpose Switches

CA-1PS-  
SC-1PS  
CA-3PS-  
SC-3PS-  
CA-4PS-  
SC-4PS



General Purpose Switches with Locator Light

CA-1PSNL-  
SC-1PSNL  
CA-3PSNL-  
SC-3PSNL-  
CA-4PSNL-  
SC-4PSNL-

Connectors for 6-Port Frame



Phone Jack (8-Conductor, RJ45 Category 3)

CON-1P-C3-



Phone Jack (8-Conductor, RJ45 Category 5e)

CON-1P-C5E-



Phone Jack (8-Conductor, RJ45 Category 6)

CON-1P-C6-



Fiber Jack (MT-RJ Feed Through)

CON-1F-MTRJ-WH



Fiber Jack (SC Simplex)

CON-1F-SC-WH



Fiber Jack (LC Non-Flush Mount)

CON-1F-LC-WH



Fiber Jack (ST Style)

CON-1F-ST-WH



Cable Jack (F Style, 75-Ohm Coaxial Cable)

CON-1C-



BNC Jack (BNC Connector, 50-Ohm)

CON-1B-WH



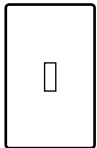
Blank Insert

SC-BI

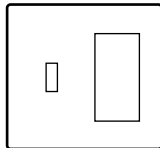


**Traditional | Fassada®**  
**Wallplates** pg. 175

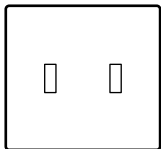
Wallplates  
(Multi-gang controls may  
require derating)



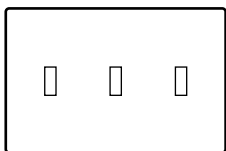
1-Gang  
FG-1-



2-Gang (1 Large,  
1 Small)  
FG-2-TD-



2-Gang  
FG-2-



3-Gang  
FG-3-

**New Architectural Wallplates** pg. 157

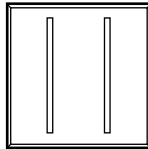
Wallplates and Accessories  
(Multi-gang controls may  
require derating)



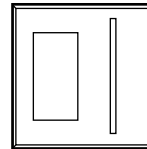
1-Gang  
VTW-1-



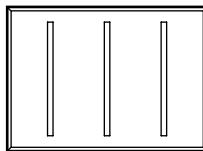
LED Color Kit  
VT-CK-



2-Gang  
VTW-2-

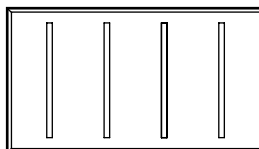


Left Side  
Receptacle  
VTW-RV-**XX**-CPW0945\*



3-Gang  
VTW-3-

Right Side  
Receptacle  
VTW-VR-**XX**-CPW0944\*



4-Gang  
VTW-4-

5-Gang  
VTW-5-  
(Available as Special Order  
Contact Customer Service)

6-Gang  
VTW-6-  
(Available as Special Order  
Contact Customer Service)

**XX** refers to color code, see  
pg. 160 for additional information

## A history of sustainability, innovation and quality

### Sustainability

At Lutron, sustainability is not a new concept. Since 1961, we have been designing industry-leading technology that saves energy and reduces greenhouse gas emissions, and are a proud member of the U.S. Green Building Council.



### Our philosophy

Lutron is a company built on a belief in taking care of the people: customers, employees, and the community. We innovate in advance of emerging market needs and continually improve our quality, our delivery and our value.

### Innovation

Lutron owns over 1,700 patents and manufactures more than 15,000 products. For over 45 years, we have met and exceeded the highest standards of quality and service. Every one of our products is quality-tested before it leaves the factory.

## Global service and support

You can count on a level of support unequalled anywhere in the industry and anywhere in the world. Lutron provides 24/7 technical phone support. Lutron Field Service, made up of a global network of customer-focused field service engineers, provides world-class services that begin before your building is commissioned and continue throughout the life of your building.

[www.lutron.com](http://www.lutron.com)

World Headquarters 1.610.282.3800

Technical Support Center 1.800.523.9466 (Available 24/7)

Customer Service 1.888.LUTRON1



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