Volume 1: Basic devices and single-space systems

Specification guide to wallbox dimmers, switches, sensors and accessories for commercial and residential applications
Lutron products for every application:
- Residential or commercial
- Retrofit, renovation or new construction
- In this guide: basic devices and single-space systems for North and South America (120 V, 277 V and 347 V)

Solutions available for applications worldwide: consult www.lutron.com/international

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**Basic devices**

- Dimmers
- Switches
- Occupancy/vacancy sensors
- Accessories

**Single-space systems**

Radio Frequency (RF) and Infrared (IR)

- RF dimmers and switches
- RF occupancy/vacancy and daylight sensors
- RF controls
- IR dimmers and controls
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Other volumes
Small area and multiple room systems
Integrated solutions for small areas or multiple rooms

Entire home, building or campus systems
Integrated solutions for whole home, building or campus of buildings

Shading systems
Shade and drapery systems that can function as a standalone shading system, or can be integrated within the above systems

Ballasts, drivers and fixtures
Fluorescent dimming ballasts, LED drivers and complete dimmable lighting fixtures
Basic energy-saving devices

**Switches**

On = 100% light, 100% energy  
Off = 0% light, 0% energy

**Dimmers**

All Lutron dimmers save energy. Light level is proportional to energy use. 50% dimmed uses only 60% of the energy—saves 40%.

**Occupancy/vacancy sensors**

Occupancy/vacancy sensors guarantee energy savings by turning lights off when rooms are unoccupied.

**Daylight sensors**

As daylight increases in the room, electrical light energy is reduced.
System solutions

1. Single-space systems
   • Tie multiple dimmers and switches together with wireless sensors and remote controls
   • Perfect for retrofit, renovation or new construction

2. Small areas and larger 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

3. Multiple rooms
   • Expand control across multiple rooms—even an entire floor
   • Wireless components and digital devices provide for easy reconfiguration without re-wiring

4. 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
New energy-saving products

New C·L dimmers

**C·L™ dimmers** offer more reliable dimming performance over standard dimmers when dimming CFLs and LEDs. They also provide full range dimming for incandescent and halogen bulbs as well as mixed loads types.

Dimmers and switches

**eco-dim™ dimmer** guarantees at least 15% energy savings compared to a standard switch

**eco-timer switch** includes countdown timer with 30 minute maximum (no “always-on”), automatically turns off fans or lights

Sensors

**Radio Powr Savr™**
ceiling or wall-mounted wireless occupancy/vacancy sensor eliminates power pack and wiring expense

**Radio Powr Savr™**
ceiling mounted wireless daylight sensor

**Maestro® digital dimmer** or switch with integrated occupancy/vacancy sensor

Wireless single-space controls

**Maestro Wireless® plug-in modules** for plug-in lamp and appliance loads

**Pico™ Wireless controls** compatible with all Maestro Wireless radio frequency (RF) devices

**Maestro Wireless** 3-wire fluorescent dimmers and 2-wire switches
Four steps to selecting your control | Step 1

1. Select your control by style

Color options and available models are detailed in each product family section.

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<th>Traditional</th>
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<td>M Touch slider</td>
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</table>

- Multi-location dimming—see pg. 8
- Occupancy/vacancy sensor—see pg. 144
- Daylight sensor—see pg. 146

*Rocker is also referred to as raise/lower
**Also known as Toggler™
2. Consider the required number of control locations

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).

![Lighting Source](image)

**b. Control lights from two locations**
Dimming from one location, switching from second location. 3-way dimmer required.

![Lighting Source](image)

**c. Control lights from three or more locations**
Dimming from one location, switching from other locations, 3-way dimmer required.

![Lighting Source](image)

**d. Multi-location dimming**
True dimming from all locations. Multi-location electronic dimmer and companion dimmer(s) required. Indicated by M in selection tables, pg. 8–9, 10–11.

![Lighting Source](image)

**e. Wireless multi-location dimming**
True dimming from all locations, Maestro Wireless® and Pico™ Wireless control(s) required.

![Lighting Source](image)

**Pico wireless mounting options**

- Handheld Control
- Wall-Mount (Surface Mount or Wallbox)
- Tabletop Control (Single or Dual Mount Pedestal)
3. Select your model by lighting load type and quantity

Lutron dimmers are designed, tested and UL listed for specific load types up to a maximum capacity. To select a specific dimmer by load type, see pg. 8.

**Incandescent/halogen lighting (INC)**

Excellent color rendering and can dim to off.

Loads are quantified in Watts (W).

Incandescent/halogen dimmers required.

ELV or MLV dimmers can also be used to dim incandescent/halogen.

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

Track and recessed lights typically use electronic low-voltage transformers and halogen low-voltage lamps.

Loads are quantified in Watts (W).

ELV dimmers are required.

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

Track and recessed lights can also use magnetic low-voltage transformers and halogen low-voltage lamps.

Loads are quantified in Volt-Ampere (VA), combining the total lamp wattage with 20% additional load due to heat losses in the MLV transformer.

MLV dimmers are required.

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

Dimming NCC requires a dimmable electronic or magnetic step-up transformer and a matching dimmer.

NCC loads are quantified in Watts (W) or Volt-Ampere (VA).

NCC is typically dimmable using a Lutron Hi-lume LED driver and a 3-wire fluorescent dimmer.

Other Lutron approved lamp module/driver combinations can be dimmed with specific 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.

For dimmable screw-base LED bulbs, see pg. 11A.

**Fluorescent lighting (FL)**

Linear, U-bent, twin-tube and 4-pin compact fluorescent lamps are dimmable when paired with the appropriate electronic 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 or 0-10V).

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

For dimmable screw-base CFL options, see pg. 11A.

**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’s recommended approach to control LED lamp modules is the use of a Lutron Hi-lume LED driver and a 3-wire fluorescent dimmer.

Other Lutron approved lamp module/driver combinations can be dimmed with specific 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.

For dimmable screw-base LED bulbs, see pg. 11A.

• For further information on selecting the right lamp type, go to [www.lutron.com/bulb](http://www.lutron.com/bulb).
• Load capacity must be reduced if controls are ganged. For further information on derating, see pg. 170.
3. Select your control by load type

**Dimmer capabilities and interface requirements**

- Compatible dimmer (no interface)
- Multi-location—true dimming from each location
- Lighting load interface solutions may be available for additional load types, see pg. 174 for more details

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>Voltage</th>
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<td>Incandescent/halogen</td>
<td>120V</td>
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<tr>
<td>eco-dim\textregistered incandescent/halogen</td>
<td>120V</td>
</tr>
<tr>
<td>eco-minder\textregistered incandescent/halogen</td>
<td>120V</td>
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<tr>
<td>Dimmable CFL/LED (screw-base)</td>
<td>120V</td>
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<tr>
<td>Magnetic low-voltage</td>
<td>120V</td>
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<td>277V</td>
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<tr>
<td>Electronic low-voltage</td>
<td>120V</td>
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<td>277V</td>
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<td>Neon/cold cathode</td>
<td>120V</td>
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<td>277V</td>
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<td>LED with Hi-lume\textregistered LED driver</td>
<td>120V</td>
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<td>277V</td>
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<td>LED with 0-10V LED driver</td>
<td>120/277V</td>
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**Dimmers for fluorescent ballasts**

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>Voltage</th>
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<td>3-wire: Hi-lume\textregistered, Compact SE\textregistered</td>
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<tr>
<td>Hi-lume\textregistered 3D, EcoSystem\textregistered, Eco-10\textregistered</td>
<td>277V</td>
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<tr>
<td>2-wire: Tu-Wire\textregistered</td>
<td>120V</td>
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<tr>
<td>0-10 VDC control</td>
<td>120/277V</td>
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**Fan controls**

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<tr>
<th>Fan controls</th>
<th>Voltage</th>
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<tbody>
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<td>Quiet</td>
<td>120V</td>
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<tr>
<td>Fully variable</td>
<td>120V</td>
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<tr>
<td>Fan/light</td>
<td>120V</td>
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**Switches and timers**

<table>
<thead>
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<th>Switches and timers</th>
<th>Voltage</th>
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<td>Electronic switch</td>
<td>120V</td>
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<td>277V</td>
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<td>Mechanical switch</td>
<td>120V</td>
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<td>277V</td>
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<tr>
<td>Countdown timer switch</td>
<td>120V</td>
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<tr>
<td>eco-timer switch</td>
<td>120V</td>
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</table>
### Designer style

<table>
<thead>
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<th>Maestro®</th>
<th>Maestro IR®</th>
<th>Maestro Wireless®</th>
<th>Spacer System®</th>
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</tr>
</tbody>
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**Notes:**
- Maestro®
- Maestro IR®
- Maestro Wireless®
- Spacer System®
- Diva®
- Lyneo® Lx
- Skylark Contour™
- Skylark®
3. Select your control by load type

**Dimmer capabilities and interface requirements**

- Compatible dimmer (no interface)
- Multi-location—true dimming from each location
- Lighting load interface solutions may be available for additional load types, see pg. 174 for more details

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<td>Neon/cold cathode</td>
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<td>LED with Hi-lume® LED driver</td>
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**Dimmers for fluorescent ballasts**

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<td>0-10 VDC control</td>
<td>120/277V</td>
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**Fan controls**

- Quiet                           | 120V      |
- Fully variable                   | 120V      |
- Fan/light                        | 120V      |

**Switches and timers**

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<td>Maestro® wireless pg. 70 Maestro® wireless pg. 70</td>
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\(^1\) Radio Powr Savr now works with Maestro Wireless® dimmers or switches as indicated
\(^*\) LOS series available, see pg. 140
\(**\) Switching model only
4. Additional selection considerations

**Ganging and derating**
Ganging is the mounting of two or more dimmers or accessory devices side-by-side under a multi-gang wallplate. When you combine two or more dimmers, you may need to derate the power rating and remove a portion of the dimmer beneath the wallplate. See pg. 170 for details.

**Lighting load interfaces**
To dim larger 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. 174 for details.

**Dimmable Compact Fluorescent (CFL) and LED bulbs (screw-base)**
Dimmable CFL and LED lamps offer energy efficiency and long life. C•L™ dimmers are 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.
CFL and LED loads are quantified in Watts (W). Lutron offers dimmers designed specifically for dimmable CFL and LED lighting loads. See Diva® (pg. 86), Skylark Contour™ (pg. 100) and Credenza® (pg. 138) families for available models.
For a complete list of approved bulbs visit our web site, www.lutron.com/dimcflled.
Product families are organized by wallplate opening style.

Within each family section are:

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

Customize solutions that are right for you.
## Product family sections by wallplate opening style

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<td>• Exclusive New Architectural style opening with squared edges</td>
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<tr>
<td>• Coordinates with New Architectural wallplates and Architectural accessories</td>
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<tr>
<td>• Single-gang wallplate included with control</td>
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<th>Architectural product families</th>
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<td>• Coordinates with Architectural wallplates and Architectural accessories</td>
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<td>• Single-gang wallplate included with control</td>
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<th>Designer product families</th>
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<td>• Designer style opening with rounded edges to match Designer style controls</td>
<td></td>
</tr>
<tr>
<td>• Coordinates with Claro/Satin Colors® wallplates and accessories</td>
<td></td>
</tr>
<tr>
<td>• Controls fit standard Designer opening wallplates</td>
<td></td>
</tr>
<tr>
<td>• Wallplates available separately</td>
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<table>
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<th>Traditional product families</th>
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<tr>
<td>• Traditional style opening with rounded edges to match standard toggle switches</td>
<td></td>
</tr>
<tr>
<td>• Coordinates with Fassada® style wallplates and Claro/Satin Colors accessories</td>
<td></td>
</tr>
<tr>
<td>• Wallplates available separately</td>
<td></td>
</tr>
</tbody>
</table>
Shown actual size: Vierti dimmer in Black (BL) with White (WH) LED bar shown.
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
- Audible feedback confirms user touch
- 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
- Coordinating wallplate included with Architectural matte finish controls, metal wallplates only available separately
- Custom engraving and custom coloring available for wallplates, see pg. 155

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

Direct load type compatibility
- Incandescent/halogen dimming
- Magnetic low-voltage lighting
- Electronic low-voltage 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. 174.
### Available finishes

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

**Architectural matte finishes***

<table>
<thead>
<tr>
<th>Color Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>WH</td>
<td>White</td>
</tr>
<tr>
<td>LA</td>
<td>Light Almond</td>
</tr>
<tr>
<td>AL</td>
<td>Almond</td>
</tr>
<tr>
<td>BE</td>
<td>Beige</td>
</tr>
<tr>
<td>IV</td>
<td>Ivory</td>
</tr>
<tr>
<td>TP</td>
<td>Taupe</td>
</tr>
<tr>
<td>GR</td>
<td>Gray</td>
</tr>
<tr>
<td>SI</td>
<td>Sienna</td>
</tr>
<tr>
<td>BR</td>
<td>Brown</td>
</tr>
<tr>
<td>BL</td>
<td>Black</td>
</tr>
</tbody>
</table>

**LED bar colors**

<table>
<thead>
<tr>
<th>Color Code</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Blue</td>
</tr>
<tr>
<td>W</td>
<td>White</td>
</tr>
<tr>
<td>G</td>
<td>Green</td>
</tr>
</tbody>
</table>

**Architectural metal finish wallplates**

<table>
<thead>
<tr>
<th>Color Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>BN</td>
<td>Bright Nickel</td>
</tr>
<tr>
<td>BC</td>
<td>Bright Chrome</td>
</tr>
<tr>
<td>CLA</td>
<td>Clear Anodized Aluminum</td>
</tr>
<tr>
<td>SC</td>
<td>Satin Chrome</td>
</tr>
<tr>
<td>SN</td>
<td>Satin Nickel</td>
</tr>
<tr>
<td>QZ</td>
<td>Antique Bronze</td>
</tr>
<tr>
<td>BB</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>BRA</td>
<td>Brass Anodized Aluminum</td>
</tr>
<tr>
<td>SB</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>QB</td>
<td>Antique Brass</td>
</tr>
<tr>
<td>BLA</td>
<td>Black Anodized Aluminum</td>
</tr>
</tbody>
</table>

---

*Coordinating wallplate included with Architectural matte controls.

**Metal finish wallplates only available separately and include black plastic trim/adapter, visible from side. Match with separate Black (BL) controls. For wallplate information, see pg. 148.
## Dimmers and switches

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

### Electronic switches
- Touch switch turns on/off
- Audible feedback confirms the LED bar was touched
- For multi-location switching use Vierti companion switches
- Advanced programming options are available

## Companion dimmers and 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

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

## Advanced programming features include:
- Setting the high-end/low-end trims (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).
Connections overview

Load connections*

- Incandescent/Halogen
- Magnetic Low-Voltage
- Electronic Low-Voltage
- Fluorescent Lighting
- LED
- Switched Lighting/Fans

Control types (for 2 or more locations)
Dim from multiple-locations (up to 5)

- Lighting Load
- Multi-Location Dimmer
- Up to 4 Companion Dimmers

Switch from multiple-locations (up to 5)

- Lighting Load
- Multi-Location Switch
- Up to 4 Companion Switches

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

For more information on ballasts, visit www.lutron.com/ballasts.
For more information on LED drivers, visit www.lutron.com/LED.
Dimmer model numbers

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

### Single-touch dimmer

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>VT-600-D1-AA2</td>
</tr>
<tr>
<td>120 V 600 W/VA</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole</td>
<td>VT-600M-D1-AA2</td>
</tr>
<tr>
<td>120 V 600 W/VA</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole</td>
<td>VT-1000M-D1-AA2</td>
</tr>
<tr>
<td>120 V 1000 W/VA</td>
<td></td>
</tr>
</tbody>
</table>

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**

### Single-touch dimmer

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>VTELV-600M-D1-AA2</td>
</tr>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
</tbody>
</table>

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**

### Single-touch dimmer

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>VTF-6AM-D1-AA2</td>
</tr>
<tr>
<td>120/277 V 6 A</td>
<td></td>
</tr>
</tbody>
</table>

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts.

Adjustable high-end and low-end trim.

**Hi-lume® LED drivers: 3-wire fluorescent dimmers**

### Single-touch dimmer

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>VTF-6AM-D1-AA2</td>
</tr>
<tr>
<td>120/277 V 6 A</td>
<td></td>
</tr>
</tbody>
</table>

Adjustable high-end and low-end trim.

Exclusively compatible with Hi-lume LED driver.

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

Switch and companion control model numbers

### Switches

**Single-touch electronic switch**

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>VT-S6AMUNV-D1-AA2</td>
</tr>
<tr>
<td>120 V 6 A light or 3 A fan</td>
<td></td>
</tr>
<tr>
<td>277 V 6 A light</td>
<td></td>
</tr>
</tbody>
</table>

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

For multi-location switching, use with Vierti multi-location companion switches VT-AS-D1-AA2.

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

### Companion controls

**Single-touch companion dimmer**

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>120/277 V</td>
<td>VT-AD-D1-AA2</td>
</tr>
</tbody>
</table>

No derating required if ganged.

**Single-touch companion switch**

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V</td>
<td>VT-AS-D1-AA2</td>
</tr>
</tbody>
</table>

No derating required if ganged.

---

**D1**: LED bar color codes, see pg. 15

**AA2**: Architectural matte color codes, see pg. 15 (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. 170.

*Requires neutral wire connection.*
Accessories

Wallplates

Shown actual size: 2-gang New Architectural wallplate in White (WH).
For more information about New Architectural wallplates, see pg. 148.

Coordinated electrical devices

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack

For more information about coordinated Architectural electrical devices, see pg. 156.
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. 155

Control types

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

Direct load type compatibility

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

Load types 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. 174.
### Available finishes

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

**Architectural matte finishes***

<table>
<thead>
<tr>
<th>Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>WH</td>
<td>White</td>
</tr>
<tr>
<td>LA</td>
<td>Light Almond</td>
</tr>
<tr>
<td>AL</td>
<td>Almond</td>
</tr>
<tr>
<td>BE</td>
<td>Beige</td>
</tr>
<tr>
<td>IV</td>
<td>Ivory</td>
</tr>
<tr>
<td>TP</td>
<td>Taupe</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>GR</td>
<td>Gray</td>
</tr>
<tr>
<td>SI</td>
<td>Sienna</td>
</tr>
<tr>
<td>BR</td>
<td>Brown</td>
</tr>
<tr>
<td>BL</td>
<td>Black</td>
</tr>
</tbody>
</table>

**Architectural metal finish wallplates**

<table>
<thead>
<tr>
<th>Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>BN</td>
<td>Bright Nickel</td>
</tr>
<tr>
<td>BC</td>
<td>Bright Chrome</td>
</tr>
<tr>
<td>CLA</td>
<td>Clear Anodized Aluminum</td>
</tr>
<tr>
<td>SC</td>
<td>Satin Chrome</td>
</tr>
<tr>
<td>SN</td>
<td>Satin Nickel</td>
</tr>
<tr>
<td>QZ</td>
<td>Antique Bronze</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>AU</td>
<td>Gold Plated</td>
</tr>
<tr>
<td>BB</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>BRA</td>
<td>Brass Anodized Aluminum</td>
</tr>
<tr>
<td>SB</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>QB</td>
<td>Antique Brass</td>
</tr>
<tr>
<td>BLA</td>
<td>Black Anodized Aluminum</td>
</tr>
</tbody>
</table>

*Coordinating wallplate included with Architectural matte controls.

**Metal finish wallplates only available separately and include black plastic trim/adapter, visible from side. Match with separate Black (BL) controls. For wallplate information, see pg. 152.*
**Dimmers**

**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

**Switches and auxiliary tapswitches**

**Tapswitches**

- Tapswitch turns lights on/off

**Tapswitches with status light**

- Tapswitch turns lights on/off
- Includes status light

**Auxiliary tapswitches**

- Tapswitch turns lights on/off
Connections overview

Load connections*

- Incandescent/Halogen
- Magnetic Low-Voltage
- Fluorescent Lighting
- LED
- Switched Lighting/Fans

For more information on ballasts, visit www.lutron.com/ballasts.
For more information on LED drivers, visit www.lutron.com/LED.

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

- **Incandescent/halogen and/or Magnetic low-voltage dimmers**
  - Preset dimmers
  - Multi-location/single-pole: V-600-\textbf{AA}\textsuperscript{2}
    - 120 V, 600 W/VA
  - Multi-location/single-pole: V-1000-\textbf{AA}\textsuperscript{2}
    - 120 V, 1000 W/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%).

- **3-wire fluorescent dimmer**\textsuperscript{*}
  - Preset dimmer
  - Multi-location/single-pole: VF-10-\textbf{AA}\textsuperscript{2}
    - 120 V, 8 A
  - For use with Hi-lume\textsuperscript{®}, Hi-lume\textsuperscript{®} Compact SE, Hi-lume\textsuperscript{®} 3D, Eco-10\textsuperscript{®}, EcoSystem\textsuperscript{®} ballasts.
  - No derating required if ganged.
  - Adjustable low-end and high-end trim.

- **Hi-lume\textsuperscript{®} LED drivers:**
  - **3-wire fluorescent dimmer**\textsuperscript{*}
    - Preset dimmer
    - Multi-location/single-pole: VF-10-\textbf{AA}\textsuperscript{2}
      - 120 V, 8 A
    - To control lights from multiple-locations, use Vareo\textsuperscript{®} auxiliary electronic tapswitches, VETS-R-.
    - Not for use with mechanical 3-way or 4-way switches.
    - Adjustable high-end and low-end trim.

Switch and auxiliary tapswitch model numbers

- **Switches**
  - **Tapswitch**
    - Multi-location/single-pole: VETS-1000-\textbf{AA}\textsuperscript{2}
      - 120 V, 1000 W/VA
    - Tapswitch with locator light\textsuperscript{*}
      - Multi-location/single-pole: VETS-1000-SL-\textbf{AA}\textsuperscript{2}
        - 120 V, 1000 W/VA
      - Rated for: incandescent/halogen, magnetic low-voltage, fluorescent switching with magnetic ballasts.
    - **Tapswitch**\textsuperscript{*}
      - Multi-location/single-pole: VETN-1000-\textbf{AA}\textsuperscript{2}
        - 120 V, 1000 W/VA
      - Rated for: electronic low-voltage, fluorescent switching with electronic ballasts and most non-dim LED drivers.
  - **Auxiliary tapswitches**
    - **Auxiliary tapswitch**
      - 120 V: VETS-R-\textbf{AA}\textsuperscript{2}
    - **Auxiliary tapswitch with status light**
      - 120 V: VETS-A-SL-\textbf{AA}\textsuperscript{2}

For more information on Lutron ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).
For more information on Hi-lume LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).
All models must be derated in standard ganging unless otherwise noted, see pg. 170.

\textsuperscript{*}Requires neutral wire connection.

\textbf{AA}\textsuperscript{2}: Architectural matte color codes, see pg. 21 (1-gang wallplate included)
Wallplates

Shown actual size: 2-gang Architectural wallplate in White (WH).
For more information about Architectural wallplates, see pg. 152.

Coordinated electrical devices

- Tamper resistant GFCI receptacle
- Customizable 6-port frame
- Cable jack

For more information about coordinated Architectural electrical devices, see pg. 156.
Shown actual size: Nova T® 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. 155

**Control types**
- Single-pole (one location)
- 3-way or 4-way (two or more locations)
- Two-location dimming only (Omnislide™)

**Direct load type compatibility**
- Incandescent/halogen lighting
- Magnetic low-voltage lighting
- Electronic low-voltage lighting
- Fluorescent lighting
- LED lighting
- Ceiling fans
- Motorized window treatments (AC)

**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. 174.
### Available finishes

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

**Architectural matte finishes**

<table>
<thead>
<tr>
<th>Color Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>WH</td>
<td>White</td>
</tr>
<tr>
<td>LA</td>
<td>Light Almond</td>
</tr>
<tr>
<td>AL</td>
<td>Almond</td>
</tr>
<tr>
<td>BE</td>
<td>Beige</td>
</tr>
<tr>
<td>IV</td>
<td>Ivory</td>
</tr>
<tr>
<td>TP</td>
<td>Taupe</td>
</tr>
<tr>
<td>GR</td>
<td>Gray</td>
</tr>
<tr>
<td>SI</td>
<td>Sienna</td>
</tr>
<tr>
<td>BR</td>
<td>Brown</td>
</tr>
<tr>
<td>BL</td>
<td>Black</td>
</tr>
</tbody>
</table>

**Architectural metal finish wallplates**

<table>
<thead>
<tr>
<th>Color Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>BN</td>
<td>Bright Nickel</td>
</tr>
<tr>
<td>BC</td>
<td>Bright Chrome</td>
</tr>
<tr>
<td>CLA</td>
<td>Clear Anodized Aluminum</td>
</tr>
<tr>
<td>SC</td>
<td>Satin Chrome</td>
</tr>
<tr>
<td>SN</td>
<td>Satin Nickel</td>
</tr>
<tr>
<td>QZ</td>
<td>Antique Bronze</td>
</tr>
<tr>
<td>AU</td>
<td>Gold Plated</td>
</tr>
<tr>
<td>BB</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>BRA</td>
<td>Brass Anodized Aluminum</td>
</tr>
<tr>
<td>SB</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>QB</td>
<td>Antique Brass</td>
</tr>
<tr>
<td>BLA</td>
<td>Black Anodized Aluminum</td>
</tr>
</tbody>
</table>

*Coordinating wallplate included with Architectural matte controls.

**Metal finish wallplates only available separately and include black plastic trim/adapter, visible from side. Match with separate Black (BL) controls. For wallplate information, see pg. 152.
Dimmers

Slide-to-off dimmers/single-pole
- Slide up to brighten; down to dim
- Standard size dimmer shown
- Higher capacity loads require large controls, see below

Linear-slide switches
- Slide up to on; down to off

Preset dimmers/3-way
- Button turns on/off to slider level
- Slide up to brighten; down to dim
- Higher capacity loads require large controls, see below

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

Omnislide two-location slide-to-off dimmers
- Slide up to brighten; down to dim
- Provides true dimming from both locations

Switches and fan controls

Large Control
- Higher capacity dimmers require larger heat sink behind wallplate
- Large controls available as preset dimmer, slide-to-off dimmer or fan control
- Large control measures 4.56 in x 4.56 in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox
Connections overview

Load connections*

- Incandescent/Halogen
- Magnetic Low-Voltage
- Electronic Low-Voltage
- Fluorescent Lighting
- LED
- Switched Lighting/Fans
- Ceiling Fan
- AC Motorized Window Treatment

Control types (for 2 or more locations)
- Dim from two locations (Incandescent/halogen only)
  - Light Source
  - Omnislide Two Location Dimmer
  - Omnislade Companion Dimmer

- Dim from one location, switch from the others
  - Light Source
  - 3-way Dimmer
  - 3-way Switch

For more information on ballasts, visit www.lutron.com/ballasts.
For more information on LED drivers, visit www.lutron.com/LED.

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

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

<table>
<thead>
<tr>
<th>Dimmer Type</th>
<th>Model Number</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole (small)</td>
<td>NT-600-AA²</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>Single-pole (small)</td>
<td>NT-1000-AA²</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
<tr>
<td>Single-pole (large)</td>
<td>NT-1500-AA²</td>
<td>120 V</td>
<td>1500 W</td>
</tr>
<tr>
<td>Single-pole (large)</td>
<td>NT-2000-AA²</td>
<td>120 V</td>
<td>1920 W</td>
</tr>
</tbody>
</table>

NT-2000 dimmers must be ganged with no fins broken. See ganging and derating on pg. 170 for further information.

NT-2000 requires a 2-gang electrical backbox.

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

<table>
<thead>
<tr>
<th>Dimmer Type</th>
<th>Model Number</th>
<th>Voltage</th>
<th>VA (Wattage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole (small)</td>
<td>NTLV-600-AA²</td>
<td>120 V</td>
<td>600 VA (450 W)</td>
</tr>
<tr>
<td>Single-pole (small)</td>
<td>NTLV-1000-AA²</td>
<td>120 V</td>
<td>1000 VA (800 W)</td>
</tr>
<tr>
<td>Single-pole (small)*</td>
<td>NTLV-600-277-AA²</td>
<td>277 V</td>
<td>600 VA (450 W)</td>
</tr>
<tr>
<td>Single-pole (small)*</td>
<td>NTLV-1000-277-AA²</td>
<td>277 V</td>
<td>1000 VA (800 W)</td>
</tr>
<tr>
<td>Single-pole (large)</td>
<td>NTLV-1500-AA²</td>
<td>120 V</td>
<td>1500 VA (1200 W)</td>
</tr>
</tbody>
</table>

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.

#### Omnislide two-location slide-to-off dimmers

<table>
<thead>
<tr>
<th>Dimmer Type</th>
<th>Model Number</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base unit (small)</td>
<td>NTB-600-AA²</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>Base unit (small)</td>
<td>NTB-1000-AA²</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
<tr>
<td>Auxiliary unit (use with base unit)</td>
<td>NTA-2-AA²</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For two-location incandescent/halogen dimming, use one base unit (NTB-600- or NTB-1000-) with one auxiliary unit (NTA-2-).

#### Preset dimmers

<table>
<thead>
<tr>
<th>Dimmer Type</th>
<th>Model Number</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-way/single-pole (small)</td>
<td>NT-603P-AA²</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>3-way/single-pole (small)</td>
<td>NT-1003P-AA²</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
<tr>
<td>3-way/single-pole (large)</td>
<td>NT-1503P-AA²</td>
<td>120 V</td>
<td>1500 W</td>
</tr>
</tbody>
</table>

**AA²**: Architectural matte color codes, see pg. 27 (1-gang wallplate included)

*Requires neutral wire connection.*
Dimmer model numbers

Electronic low-voltage dimmers*
(small controls)

Slide-to-off dimmers

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>NTELV-300-\textsuperscript{AA2}</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V  300W</td>
<td></td>
</tr>
<tr>
<td>Single-pole</td>
<td>NTELV-600-\textsuperscript{AA2}</td>
</tr>
<tr>
<td>120 V  600W</td>
<td></td>
</tr>
</tbody>
</table>

Only certain LED drivers are dimmable using an ELV dimmer, for more information visit www.lutron.com/LED.

3-wire fluorescent dimmers*
(small control)

Slide-to-off dimmers

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>NTF-10-\textsuperscript{AA2}</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V  16 A</td>
<td></td>
</tr>
<tr>
<td>Single-pole</td>
<td>NTF-10-277-\textsuperscript{AA2}</td>
</tr>
<tr>
<td>277 V  8 A</td>
<td></td>
</tr>
</tbody>
</table>

Preset dimmers

<table>
<thead>
<tr>
<th>3-way</th>
<th>NTF-103P-\textsuperscript{AA2}</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V  8 A</td>
<td></td>
</tr>
<tr>
<td>3-way</td>
<td>NTF-103P-277-\textsuperscript{AA2}</td>
</tr>
<tr>
<td>277 V  6 A</td>
<td></td>
</tr>
</tbody>
</table>

For use with Hi-lume\textsuperscript{®}, Hi-lume\textsuperscript{®} Compact SE, Hi-lumes 3D, Eco-10\textsuperscript{®}, EcoSystem\textsuperscript{®} ballasts.

Also compatible with Hi-lume\textsuperscript{®} LED driver.

No derating required if ganged.

Adjustable low-end trim.

0-10 V dimmer (current sink control)
(small controls)

Slide-to-off dimmer

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>NTFTV-\textsuperscript{AA2}</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 mA max control current</td>
<td></td>
</tr>
</tbody>
</table>

Control provides dimming signal only. For dimming with on/off switching, use with Lutron PowerPack: 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 VII dimming ballasts, visit www.lutron.com/advance; Universal dimming ballasts, visit www.lutron.com/universal.

No derating required if ganged.

Tu-Wire\textsuperscript{®} fluorescent dimmers
(small controls)

Slide-to-off dimmers

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>NTFTU-5A-\textsuperscript{AA2}</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V  5 A</td>
<td></td>
</tr>
<tr>
<td>Single-pole</td>
<td>NTFTU-5A-277-\textsuperscript{AA2}</td>
</tr>
<tr>
<td>277 V  5 A</td>
<td></td>
</tr>
</tbody>
</table>

Also compatible with Advance Mark X ballasts, for further information visit www.lutron.com/advance.

For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466.

\textsuperscript{AA2}: Architectural matte color codes, see pg. 27 (1-gang wallplate included)

*Requires neutral wire connection.
### Dimmer model numbers

#### Hi-lume® LED drivers:
**3-wire fluorescent dimmers**
(small controls)

<table>
<thead>
<tr>
<th>Slide-to-off dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>NTF-10-\textsuperscript{AA2}</td>
</tr>
<tr>
<td>120V 16A</td>
<td></td>
</tr>
<tr>
<td>Single-pole</td>
<td>NTF-10-277-\textsuperscript{AA2}</td>
</tr>
<tr>
<td>277V 8A</td>
<td></td>
</tr>
</tbody>
</table>

Preset dimmers

| 3-way/single-pole   | NTF-103P-\textsuperscript{AA2} |
| 120V 8A             |  |
| 3-way/single-pole   | NTF-103P-277-\textsuperscript{AA2} |
| 277V 6A             |  |

Exclusively compatible with Hi-lume LED driver.

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

**0-10 V LED drivers:**

#### 0-10 V dimmers (current sink control)
(small controls)

<table>
<thead>
<tr>
<th>Slide-to-off dimmer</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>NTFTV-\textsuperscript{AA2}</td>
</tr>
<tr>
<td>30mA max control current</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

No derating required if ganged.

### Fan control and switch model numbers

#### Fan controls

*Requires neutral wire connection.

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

| Single-pole fan control (small) | NTFSQ-\textsuperscript{AA2} |
| 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 (small) | NTFS-6E-\textsuperscript{AA2} |
| 120V 6A                        |  |
| Single-pole fan control (large) | NTFS-12E-\textsuperscript{AA2} |
| 120V 12A                       |  |

#### Switches

#### General purpose switches—all load types

| Single-pole | NT-1PS-\textsuperscript{AA2} |
| 120/277V 20A |  |

| 3-way | NT-3PS-\textsuperscript{AA2} |
| 120/277V 20A |  |

| 4-way | NT-4PS-\textsuperscript{AA2} |
| 120/277V 20A |  |

| Momentary contact | NT-DPDT-CO-MO-\textsuperscript{AA2} |
| 120/277V 30A; 2HP @ 120/240VAC |  |

| Maintained contact | NT-DPDT-CO-MA-\textsuperscript{AA2} |
| 120/277V 15A; 1/2HP @ 120VAC; 2HP @ 240VAC |  |

For 3-way and 4-way switching, use NT-3PS-, NT-4PS- or other mechanical switches.
No derating required if ganged.

All models must be derated in standard ganging unless otherwise noted, see pg. 170.

\(\textsuperscript{AA2}\): Architectural matte color codes, see pg. 27 (1-gang wallplate included)
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. 152.

Coordinated electrical devices

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack

For more information about coordinated Architectural electrical devices, see pg. 156.
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. 26
- Coordinating wallplate included
- Custom engraving and custom coloring available for wallplates, see pg. 155

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
- Neon/cold cathode lighting
- Fluorescent lighting
- LED lighting
- Ceiling fans

Load types requiring load interface

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

For additional information, see pg. 174.
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.*
Dimmers

**Slide-to-off dimmers/single-pole**
- Slide up to brighten; down to dim
- Standard size dimmer shown
- Higher capacity loads require large controls, see below

**Preset dimmers/3-way**
- Slider button turns lights on/off
- Slide up to brighten; down to dim
- Standard size dimmer shown
- Higher capacity loads require large controls, see below

**Slide-to-off fan controls**
- Slide up to on/increase speed; down to decrease speed/off
- Fully variable control for use with multiple ceiling paddle fans or exhaust fans
- Standard size fan control shown
- Higher capacity loads require large controls, see below

Switches and fan controls

**Linear-slide switches**
- Slide up to on; down to off

**Large control**
- Higher capacity dimmers require larger heat sink behind wallplate
- Large controls available as preset dimmer, slide-to-off dimmer or fan control
- Large control measures 4.56in x 4.56in
- Requires large wallplate
- Most can fit in a 1-gang electrical backbox
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.
For more information on LED drivers, visit www.lutron.com/LED.

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

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

<table>
<thead>
<tr>
<th>Slide-to-off dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole (small)</td>
<td>N-600-\text{AA} \textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
<tr>
<td>Single-pole (small)</td>
<td>N-1000-\text{AA} \textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
<tr>
<td>Single-pole (large)</td>
<td>N-1500-\text{AA} \textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 1500 W</td>
<td></td>
</tr>
<tr>
<td>Single-pole (large)</td>
<td>N-2000-\text{AA} \textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 2000 W</td>
<td></td>
</tr>
</tbody>
</table>

**Preset dimmers**

| 3-way/single-pole (small) | N-603P-\text{AA} \textsuperscript{2} |
| 120 V 600 W              |      |
| 3-way/single-pole (small) | N-1003P-\text{AA} \textsuperscript{2} |
| 120 V 1000 W             |      |
| 3-way/single-pole (large) | N-1503P-\text{AA} \textsuperscript{2} |
| 120 V 1500 W             |      |
| 3-way/single-pole (large) | N-2003P-\text{AA} \textsuperscript{2} |
| 120 V 2000 W             |      |

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

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

<table>
<thead>
<tr>
<th>Preset dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3-way/single-pole (small)</td>
<td>NLV-603P-\text{AA} \textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 600 VA (450 W)</td>
<td></td>
</tr>
<tr>
<td>3-way/single-pole (small)</td>
<td>NLV-1003P-\text{AA} \textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 1000 VA (800 W)</td>
<td></td>
</tr>
<tr>
<td>3-way/single-pole (large)</td>
<td>NLV-1503P-\text{AA} \textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 1500 VA (1200 W)</td>
<td></td>
</tr>
<tr>
<td>3-way/single-pole (large)</td>
<td>NLV-2003P-\text{AA} \textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 2000 VA (1600 W)</td>
<td></td>
</tr>
</tbody>
</table>

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

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 dimmer**
(small control)

<table>
<thead>
<tr>
<th>Slide-to-off dimmer</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>NELV-450-\text{AA} \textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 450 W</td>
<td></td>
</tr>
</tbody>
</table>

Only certain LED drivers are dimmable using an ELV dimmer, for more information visit www.lutron.com/LED.

\textsuperscript{2}: Architectural matte color codes, see pg. 35 (1-gang wallplate included)

*Requires neutral wire connection.
Dimmer model numbers

**3-wire fluorescent dimmers**
(smaller and larger controls)

<table>
<thead>
<tr>
<th>Slide-to-off dimmers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole (small)</td>
</tr>
<tr>
<td>120 V 16 A</td>
</tr>
<tr>
<td>Single-pole (large)</td>
</tr>
<tr>
<td>277 V 8 A</td>
</tr>
</tbody>
</table>

**Preset dimmers**

| 3-way/single-pole (small)            |
| 120 V 8 A                           |
| 3-way/single-pole (large)            |
| 277 V 6 A                           |

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts. Also compatible with Hi-lume® LED driver.

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

No derating required if ganged.

Adjustable low-end trim.

**0-10 V dimmer**
(small controls)

<table>
<thead>
<tr>
<th>Slide-to-off dimmer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
</tr>
<tr>
<td>30 mA max control current</td>
</tr>
</tbody>
</table>

Control provides dimming signal only. For dimming with on/off switching, use with Lutron PowerPack: 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 VII dimming ballasts, visit www.lutron.com/advance; Universal dimming ballasts, visit www.lutron.com/universal.

No derating required if ganged.

**Tu-Wire® fluorescent dimmer**
(smaller control)

<table>
<thead>
<tr>
<th>Slide-to-off dimmer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
</tr>
<tr>
<td>120 V 5 A</td>
</tr>
</tbody>
</table>

Also compatible with Advance Mark X ballasts. For further information, visit www.lutron.com/advance.

For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466.

**Fluorescent dimmers**

**with magnetic ballasts**
(smaller and larger controls)

<table>
<thead>
<tr>
<th>Slide-to-off dimmer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole (small)</td>
</tr>
<tr>
<td>120 V 10 lamps</td>
</tr>
<tr>
<td>Single-pole (large)</td>
</tr>
<tr>
<td>120 V 20 lamps</td>
</tr>
<tr>
<td>Single-pole (large)</td>
</tr>
<tr>
<td>120 V 30 lamps</td>
</tr>
<tr>
<td>Single-pole (large)</td>
</tr>
<tr>
<td>277 V 10 lamps</td>
</tr>
<tr>
<td>Single-pole (large)</td>
</tr>
<tr>
<td>277 V 20 lamps</td>
</tr>
</tbody>
</table>

For best fluorescent dimming performance and reliability, Lutron strongly recommends using Hi-lume®, Hi-lume® Compact SE, Eco-10®, EcoSystem® ballasts, TVE™ or Tu-Wire® electronic dimming ballasts and appropriate controls.

AA²: Architectural matte color codes, see pg. 35 (1-gang wallplate included)

*Requires neutral wire connection.
Dimmer model numbers

Hi-lume® LED drivers:
3-wire fluorescent dimmers* (small and large controls)

Slide-to-off dimmers

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>NF-10-\text{AA}^2</td>
<td>Single-pole (small)</td>
<td>120 V 16 A</td>
</tr>
<tr>
<td>NF-10-277-\text{AA}^2</td>
<td>Single-pole (large)</td>
<td>277 V 8 A</td>
</tr>
</tbody>
</table>

Preset dimmers

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>NF-103P-\text{AA}^2</td>
<td>3-way/single-pole (small)</td>
<td>120 V 8 A</td>
</tr>
<tr>
<td>NF-103P-277-\text{AA}^2</td>
<td>3-way/single-pole (large)</td>
<td>277 V 6 A</td>
</tr>
</tbody>
</table>

Exclusively compatible with Hi-Lume LED driver.

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

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

No derating required if ganged.

Adjustable low-end trim.

0-10V LED drivers:
0-10V dimmers (current sink control) (small controls)

Slide-to-off dimmers

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFTV-\text{AA}^2</td>
<td>Single-pole</td>
<td>30 mA max control current</td>
</tr>
</tbody>
</table>

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

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

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

No derating required if ganged.

Switch and fan control model numbers

Switches (small controls)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-1PS-\text{AA}^2</td>
<td>Single-pole</td>
<td>120/277 V 20 A</td>
</tr>
<tr>
<td>N-1PS-347-\text{AA}^2-\text{CSA}</td>
<td>Single-pole</td>
<td>347 V 20 A</td>
</tr>
<tr>
<td>N-3PS-\text{AA}^2</td>
<td>3-way</td>
<td>120/277 V 20 A</td>
</tr>
<tr>
<td>N-3PS-347-\text{AA}^2-\text{CSA}</td>
<td>3-way</td>
<td>347 V 20 A</td>
</tr>
<tr>
<td>N-4PS-\text{AA}^2</td>
<td>4-way</td>
<td>120/277 V 20 A</td>
</tr>
</tbody>
</table>

No derating required if ganged.

Fan controls (small and large controls)

Slide-to-off fan controls—fully variable

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFS-6E-\text{AA}^2</td>
<td>Single-pole fan control (small)</td>
<td>120 V 6 A</td>
</tr>
<tr>
<td>NFS-12E-\text{AA}^2</td>
<td>Single-pole fan control (large)</td>
<td>120 V 12 A</td>
</tr>
</tbody>
</table>

No derating required if ganged.

\text{AA}^2: Architectural matte color codes, see pg. 35 (1-gang wallplate included)

*Requires neutral wire connection.
Accessories

Multi-gang applications

4.56 in (116 mm)

Shown actual size: Custom Architectural multi-gang Nova wallplate in White (WH).
Custom ganging and derating required for Nova controls, see pg. 170.
For information about Nova multi-gang wallplates, visit www.lutron/custommultigang.

Coordinated electrical devices

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack

For more information about coordinated Architectural electrical devices, see pg. 156.
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. 26
- Coordinating 1-gang wallplate included
- Custom engraving and custom coloring available for wallplates, see pg. 155

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.

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

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

Architectural matte finishes**

**WH**
White

**BE**
Beige

Rotary dimmers

- Rotate or push on/off (depending on model), rotate to adjust light level

- Large control measures 4.56 in x 4.56 in

- Fits into a 1-gang electrical backbox

- Requires large faceplate

Connections overview

Load connections*

Incandescent/
Halogen

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

Architectural matte finishes**

Available finishes

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

Architectural matte finishes**

**WH**
White

**BE**
Beige

Rotary dimmers

- Rotate or push on/off (depending on model), rotate to adjust light level

- Large control measures 4.56 in x 4.56 in

- Fits into a 1-gang electrical backbox

- Requires large faceplate

**Coordinating wallplate included with Architectural matte controls.**

---

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

#### Incandescent/halogen dimmers

Rotary, rotate on/off (small and large controls)

<table>
<thead>
<tr>
<th>Single-pole (small)</th>
<th>C-600-\textsuperscript{AA}\textsuperscript{2}</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600W</td>
<td></td>
</tr>
<tr>
<td>Single-pole (small)</td>
<td>C-1000-\textsuperscript{AA}\textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 1000W</td>
<td></td>
</tr>
<tr>
<td>Single-pole (large)</td>
<td>C-1500-\textsuperscript{AA}\textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 1500W</td>
<td></td>
</tr>
<tr>
<td>Single-pole (large)</td>
<td>C-2000-\textsuperscript{AA}\textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 2000W</td>
<td></td>
</tr>
</tbody>
</table>

Rotary, push on/off (small controls)

<table>
<thead>
<tr>
<th>Single-pole (small)</th>
<th>C-600P-\textsuperscript{AA}\textsuperscript{2}</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600W</td>
<td></td>
</tr>
<tr>
<td>Single-pole (small)</td>
<td>C-10P-\textsuperscript{AA}\textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 1000W</td>
<td></td>
</tr>
<tr>
<td>3-way (small)</td>
<td>C-603P-\textsuperscript{AA}\textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 600W</td>
<td></td>
</tr>
<tr>
<td>3-way (small)</td>
<td>C-103P-\textsuperscript{AA}\textsuperscript{2}</td>
</tr>
<tr>
<td>120 V 1000W</td>
<td></td>
</tr>
</tbody>
</table>

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.

\textsuperscript{AA}\textsuperscript{2}: Architectural matte White (WH) and Beige (BE), see pg. 43 (1-gang wallplate included)
Accessories

Coordinated electrical devices

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack

For more information about coordinated Architectural electrical devices, see pg. 156.
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 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
- Programming allows customized functions
- eco-dim®, eco-minder™ and eco-timer models available
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Coordinating Claro®, Satin Colors® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

Control types

- ![Single-pole (one location)](#)
- ![Multi-location dimming from every location (up to ten 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

Lighting load interfaces may be applicable for some load type, voltage and capacity combinations. For additional information, see pg. 174.
Available finishes

Use **BOLD** color code in model number (Example: MA-600-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. 160.

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

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

Countdown timer switches (5–60 minutes/full on)
- Use with exhaust fans to reduce moisture, mold and mildew in bathrooms and kitchens
- 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
- Multi-location control with companion switch

Digital fade dimmers
- 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
- Provides true dimming from each location (with companion dimmers)
- eco-dim™ model guarantees at least 15% energy savings 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

Countdown eco-timer switch (30 minutes)
- Use with exhaust fans to reduce moisture, mold and mildew in bathrooms and kitchens
- 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
- Single-location only
- Timer advanced programming features available
Maestro® dimmers, sensors, timers and fan controls

Dual devices

**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

**Switch** (bottom)
- Tap switch on/off
- Single-location only

**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

Advanced programming features include:

<table>
<thead>
<tr>
<th>Dimmer advanced programming features</th>
<th>Timer advanced programming features</th>
<th>Sensor advanced programming features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjusting fade on/fade off time</td>
<td>Bypass timer option</td>
<td>Adjust timeout duration</td>
</tr>
<tr>
<td>Locked preset lighting level</td>
<td>Locked preset lighting level</td>
<td>Off warning feature</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(dimmer with occupancy and/or vacancy sensor only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sensor sensitivity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Auto-on feature</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(occupancy models only)</td>
</tr>
</tbody>
</table>

Maestro advanced programming manual (Application Note #124) is available at [www.lutron.com/applicationnotes](http://www.lutron.com/applicationnotes).
Dimmers and switches with sensors*

Dimmers with occupancy/vacancy sensor

**Dimmer** (top)
- Tap on to favorite light level; tap off
- Tap twice for full on
- Touch rocker to adjust light level
- Works with up to nine companion dimmers (MA-R-)
- Dimmer advanced programming features available, see pg. 49

**Sensor** (bottom)
- Turns lights off to save energy when no one is in the room
- Vacancy models meet California Title 24 Section 119(j) requirements. Lights are turned on manually and off by the sensor.
- 180° field of view motion sensor
- Sensor advanced programming features available, see pg. 49

Switches with occupancy/vacancy sensor

**Switch** (top)
- Tap switch on/off
- Works with up to nine companion switches (MA-AS-)

**Sensor** (bottom)
- Turns lights off to save energy when no one is in the room
- Vacancy models meet California Title 24 Section 119(j) requirements. Lights are turned on manually and off by the sensor.
- 180° field of view motion sensor
- Sensor advanced programming features available, see pg. 49

Companion dimmers and switches

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 switches

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

*For more information on Maestro dimmers and switches with occupancy/vacancy sensor, see pg. 140.
Fan and fan/light controls

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. 57
- 7-quiet fan speeds, plus off
- Designed to prevent motor hum

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

Canopy modules (fan mounted)
- For use only in multi-fan applications with MA-FQ4FM, see pg. 57
- 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 and fan/light controls

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

Designer wallplate opening

Maestro® dimmers, sensors, timers and fan controls
Connections overview

Load connections*

- Incandescent/Halogen
- Magnetic Low-Voltage
- Electronic Low-Voltage
- Fluorescent Lighting
- LED
- Switched Lighting/Fans
- Ceiling Fan
- Ceiling Fan/Light
- MLV Transformer (by others)
- ELV Transformer (by others)
- Lutron Hi-lume LED Driver
- Fan Canopy Module
- Fan/ Light Canopy Module
- Fluorescent Dimmer
- Fluorescent Dimmer (3-wire only)
- Switch or Timer
- Fan Control
- Fan/ Light Control
- eco-dim® Dimmer
- Incandescent/ Halogen Dimmer
- MLV Dimmer
- ELV Dimmer
- Lutron® Dimming Ballasts
- Fan/Light Control
- Companion Fan/Light Control

Control types (for 2 or more locations)

Dim from multiple-locations (up to 10)

- Light Source
- Multi-Location Dimmer
- Up to 9 Companion Dimmers

Switch from multiple-locations (up to 10)

- Light Source
- Multi-Location Switch
- Up to 9 Companion Switches

Fan control from up to 3 locations

- Fan Control
- Multi-Location Fan Control
- Companion Fan Control

Fan/light control from up to 3 locations

- Fan/Light Control
- Multi-Location Fan/Light Control
- Companion Fan/Light Control

For more information on ballasts, visit www.lutron.com/ballasts.
For more information on LED drivers, visit www.lutron.com/LED.

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

**Incandescent/halogen dimmers**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital fade dimmers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>MA-600-CC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSC-600M-CC</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>MA-1000-CC</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
<tr>
<td>MSC-1000M-CC</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
<tr>
<td>eco-dim® digital fade dimmer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA-600G-EE2</td>
<td>120 V</td>
<td>600 W</td>
</tr>
</tbody>
</table>
| eco-dim model guarantees at least 15% energy savings and triples lamp life compared to a standard switch.
| eco-minder™ digital fade dimmer           |         |         |
| MA-600l-EE2                               | 120 V   | 600 W   |
| eco-minder green LED lights demonstrate 15% or more energy savings compared to a standard switch.

**Magnetic low-voltage dimmers**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>VA (Wattage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital fade dimmers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole</td>
<td>120 V</td>
<td>600 VA (450 W)</td>
</tr>
<tr>
<td>MALV-600-CC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSCLV-600M-CC</td>
<td>120 V</td>
<td>600 VA (450 W)</td>
</tr>
<tr>
<td>MALV-1000-CC</td>
<td>120 V</td>
<td>1000 VA (800 W)</td>
</tr>
<tr>
<td>MSCLV-1000M-CC</td>
<td>120 V</td>
<td>1000 VA (800 W)</td>
</tr>
</tbody>
</table>
| 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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital fade dimmers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>MAELV-600-CC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSCELV-600M-CC</td>
<td>120 V</td>
<td>600 W</td>
</tr>
</tbody>
</table>
| Only certain LED drivers are dimmable using an ELV dimmer, for more information visit www.lutron.com/LED.

**CC³**: Gloss color codes, see pg. 47
**CC⁴**: Satin color codes, see pg. 47
**EE²**: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA) (Wallplates not included with above, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

*Requires neutral wire connection.

**Minimum load is 40 W/VA.
**3-wire fluorescent dimmers**

**Digital fade dimmers** (two loads)
- Multi-location/single-pole, 120V 6A: MAF-6AM-CC³
- Multi-location/single-pole, 120V 6A: MSCF-6AM-CC⁴
- Multi-location/single-pole, 277V 6A: MAF-6AM-277-CC³
- Multi-location/single-pole, 277V 6A: MSCF-6AM-277-CC⁴

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts. Fixed low-end trim (non-adjustable).

**Hi-lume® LED drivers:**

**3-wire fluorescent dimmers**

**Digital fade dimmers**
- Multi-location/single-pole, 120V 6A: MAF-6AM-CC³
- Multi-location/single-pole, 120V 6A: MSCF-6AM-CC⁴
- Multi-location/single-pole, 277V 6A: MAF-6AM-277-CC³
- Multi-location/single-pole, 277V 6A: MSCF-6AM-277-CC⁴

For use with Hi-lume LED driver only. For more information on Hi-lume LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED). Fixed low-end trim (non-adjustable).

---

**Dimmers and switches with sensor model numbers**

**Incandescent/halogen dimmers with occupancy/vacancy sensor**

**Digital fade dimmer with occupancy/vacancy sensor**
- Multi-location/single-pole, 120V 600W: MS-OP600M-CC¹

**Digital fade dimmer with vacancy only sensor**
- Multi-location/single-pole, 120V 600W: MS-VP600M-CC¹

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

**Switches with occupancy/vacancy sensor**

**Digital switch with occupancy/vacancy sensor**
- Multi-location/single-pole, 120V 5A: MS-OPS5AM-CC¹

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

**Digital switch with vacancy only sensor**
- Multi-location/single-pole, 120V 5A: MS-VPS5AM-CC¹

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

---

**CC¹**: Gloss and Satin color codes, see pg. 47
**CC³**: Gloss color codes, see pg. 47
**CC⁴**: Satin color codes, see pg. 47
(Wallplates not included with above, order separately, see pg. 160)

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. 170.

*Requires neutral wire connection.

**Minimum load is 40W/VA.**
Switch model numbers

Switches

Digital switches

Multi-location/single-pole* MA-S8AM-CC³
120 V  8 A light or 3 A fan
Multi-location/single-pole* MSC-S8AM-CC⁴
120 V  8 A light or 3 A fan

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* MSCF-S6AM-277-CC⁴
277 V  6 A light
Multi-location/single-pole* MAF-S6AM-277-CC³
277 V  6 A light

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

Timer model numbers

Timers

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

Single-pole, no neutral required MA-T51-CC¹
120 V  600 W/VA (5 A) on/off lighting load
(incandescent/halogen, MLV)
OR 3 A general purpose fan(s)

Multi-location/single-pole* MA-T51MN-CC¹
120 V  600 W/VA (5 A) on/off lighting load
(incandescent/halogen, MLV, ELV, fluorescent)
OR 3 A general purpose fan(s)

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

Countdown eco-timer control switch
(30 minutes/full on)**

Single-pole MA-T530G-EE²
120 V  600 W/VA (5 A) on/off lighting load
(incandescent/halogen, MLV)
OR 3 A general purpose fan(s)

CC¹: Gloss and Satin color codes, see pg. 47
CC³: Gloss color codes, see pg. 47
CC⁴: Satin color codes, see pg. 47
EE²: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)
   (Wallplates not included with above, order separately, see pg. 160)

*Requires neutral wire connection.
**Minimum load is 40 W/VA.
**Dual device model numbers**

<table>
<thead>
<tr>
<th>Incandescent/halogen dimmer and Incandescent/halogen dimmer**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual dimmers</td>
</tr>
<tr>
<td>Single-pole MA-L3L3-CC1</td>
</tr>
<tr>
<td>120 V 300 W light (top)</td>
</tr>
<tr>
<td>Incandescent/halogen</td>
</tr>
<tr>
<td>120 V 300 W light (bottom)</td>
</tr>
<tr>
<td>Incandescent/halogen</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incandescent/halogen dimmer and switch**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual dimmer/switch</td>
</tr>
<tr>
<td>Single-pole MA-L3S25-CC1</td>
</tr>
<tr>
<td>120 V 300 W light (top)</td>
</tr>
<tr>
<td>Incandescent/halogen</td>
</tr>
<tr>
<td>2.5 A switch (bottom)</td>
</tr>
<tr>
<td>Lighting load and/or general purpose fan(s)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incandescent/halogen dimmer and timer switch**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual dimmer/timer switch</td>
</tr>
<tr>
<td>Single-pole MA-L3T251-CC1</td>
</tr>
<tr>
<td>120 V 300 W light (top)</td>
</tr>
<tr>
<td>Incandescent/halogen</td>
</tr>
<tr>
<td>2.5 A timer switch (bottom)</td>
</tr>
<tr>
<td>Lighting load and/or general purpose fan(s)</td>
</tr>
</tbody>
</table>

**Companion control model numbers**

**Companion controls**

**Companion dimmers**

- Companion dimmer MA-R-CC3
  - 120 V
  - MSC-AD-CC4
- Companion dimmer MA-R-277-CC3
  - 277 V
  - MSC-AD-277-CC4

No derating required if ganged.

**Companion switches**

- Companion switch MA-AS-CC3
  - 120 V
- Companion switch MSC-AS-CC4
  - 120 V
- Companion switch MA-AS-277-CC3
  - 277 V
- Companion switch MSC-AS-277-CC4
  - 277 V

No derating required if ganged.

---

**CC1**: Gloss and Satin color codes, see pg. 47
**CC3**: Gloss color codes, see pg. 47
**CC4**: Satin color codes, see pg. 47

(Wallplates not included with above, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

**Minimum load is 40 W/VA.**
Fan control and fan/light control model numbers

**Fan controls**

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

<table>
<thead>
<tr>
<th>Multi-location</th>
<th>MA-FQ4FM-CC1</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V, up to 4 canopy modules (1 A each)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Multi-location package</th>
<th>MA-FQ3-CC1</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V, up to 4 canopy modules (1 A each)</td>
<td></td>
</tr>
</tbody>
</table>

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.

**Canopy modules (fan-mounted)**

<table>
<thead>
<tr>
<th>Canopy module</th>
<th>CM-FQ1</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 1 A</td>
<td></td>
</tr>
</tbody>
</table>

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 one fan total.

**Fan/light controls**

**Fan/light control—quiet 7-speed**

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>MA-LFQHW-CC3</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 300 W light (top)</td>
<td></td>
</tr>
<tr>
<td>Incandescent/halogen</td>
<td></td>
</tr>
<tr>
<td>1 canopy module for up to 1 A fan (bottom)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Multi-location</th>
<th>MA-LFQM-CC1</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 300 W light (top)</td>
<td></td>
</tr>
<tr>
<td>Incandescent/halogen</td>
<td></td>
</tr>
<tr>
<td>1 canopy module for up to 1 A fan (bottom)</td>
<td></td>
</tr>
</tbody>
</table>

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. 66. Wallplates sold separately.

No derating required if ganged.

---

**CC1**: Gloss and Satin color codes, see pg. 47
(Wallplates not included with above, order separately, see pg. 160)

**CC3**: Gloss color codes, see pg. 47

---

All models must be derated if ganged unless otherwise noted, see pg. 170.
**Companion fan and fan/light control model numbers**

**Companion fan control**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Model Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companion fan control</td>
<td>MA-AFQ4-CC(^1)</td>
</tr>
<tr>
<td>120 V</td>
<td>Use up to two wall-mounted companion fan controls with one MIR-FQ4FMT- or MIR-FQ4FM- for multi-location fan control. No derating required if ganged.</td>
</tr>
</tbody>
</table>

**Companion fan/light control**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Model Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companion fan/light control</td>
<td>MA-ALFQ35-CC(^1)</td>
</tr>
<tr>
<td>120 V</td>
<td>Use up to two wall-mounted controls with only one Maestro multi-location fan/light control. No derating required if ganged.</td>
</tr>
</tbody>
</table>

\(^1\): Gloss and Satin color codes, see pg. 47
(Wallplates not included, order separately, see pg. 160)
Wallplates

4.75 in (121 mm)

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

For more information about Designer wallplates, see pg. 160.

Coordinated electrical devices

Tamper resistant GFCI receptacle

Customizable 6-port frame

Cable jack

For more information about coordinated Designer electrical devices, see pg. 163.
Product family features

- True multi-location dimming from every location
- Use the IR (infrared) 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. 155

Control types

- Single-pole (one location)
- Multi-location dimming (up to ten 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.
Available finishes

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

Gloss finishes*

<table>
<thead>
<tr>
<th>WH</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA</td>
<td>Light Almond</td>
</tr>
<tr>
<td>AL</td>
<td>Almond</td>
</tr>
<tr>
<td>IV</td>
<td>Ivory</td>
</tr>
<tr>
<td>GR</td>
<td>Gray</td>
</tr>
<tr>
<td>BR</td>
<td>Brown</td>
</tr>
<tr>
<td>BL</td>
<td>Black</td>
</tr>
</tbody>
</table>

Satin finishes*

<table>
<thead>
<tr>
<th>SW</th>
<th>Snow</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS</td>
<td>Limestone</td>
</tr>
<tr>
<td>BI</td>
<td>Biscuit</td>
</tr>
<tr>
<td>ES</td>
<td>Eggshell</td>
</tr>
<tr>
<td>PD</td>
<td>Palladium</td>
</tr>
<tr>
<td>TP</td>
<td>Taupe</td>
</tr>
<tr>
<td>ST</td>
<td>Stone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BG</th>
<th>Bluestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL</td>
<td>Plum</td>
</tr>
<tr>
<td>SG</td>
<td>Sea Glass</td>
</tr>
<tr>
<td>TQ</td>
<td>Turquoise</td>
</tr>
<tr>
<td>GS</td>
<td>Goldstone</td>
</tr>
<tr>
<td>DS</td>
<td>Desert Stone</td>
</tr>
<tr>
<td>GB</td>
<td>Greenbriar</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MS</th>
<th>Mocha Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC</td>
<td>Terracotta</td>
</tr>
<tr>
<td>SI</td>
<td>Sienna</td>
</tr>
<tr>
<td>HT</td>
<td>Hot</td>
</tr>
<tr>
<td>MR</td>
<td>Merlot</td>
</tr>
<tr>
<td>MN</td>
<td>Midnight</td>
</tr>
<tr>
<td>SS</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

*Coordinating wallplates only available separately. For wallplate information, see pg. 160.

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

Remote control digital fade 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
- Provides true dimming from each location (with companion dimmers)

Digital fan only controls (with IR remote)
- 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

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

Companion dimmers, fan and fan/light controls

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

Companion fan/light controls
- For true multi-location dimming, use up to two companion controls with one Maestro IR multi-location fan/light control
Companion devices

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

**Fan only IR remote control**
- Press and hold silver button to save fan setting
- Press silver button to recall favorite fan setting
- IR controls must be within 30 ft line-of-sight to IR receiver
- Touch rocker to adjust fan speed
- Batteries included

**IR remote control for fan/light**
- Press and hold top silver button to save your favorite light setting; press silver button to recall favorite light setting
- Press and hold bottom silver button to save your favorite fan setting; press silver button to recall favorite fan setting
- IR controls must be within 30 ft line-of-sight to IR receiver
- Touch rocker to adjust light level or fan speed
- Batteries included

**Canopy module (fan-mounted)**
- For use only in multi-fan applications with MIR-FQ4FMT or MIR-FQ4FM
- Order one canopy module for each additional fan controlled

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Connections overview

Load connections*

![Connections diagram]

Control types (for 2 or more locations)
Dim from multiple-locations (up to 10)

- Light Source
- Multi-Location Dimmer
- Up to 9 Companion Dimmers

Fan control from up to 3 locations

- Fan Control
- Multi-Location Fan Control
- Up to 2 Companion Fan Controls

Fan/light control from up to 3 locations

- Fan/Light Control
- Multi-Location Fan/Light Control
- Up to 2 Companion Fan/Light Controls

*For illustration purposes only. Consult model number pages for specific voltage and capacity information.
<table>
<thead>
<tr>
<th>Dimmer model numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Incandescent/halogen dimmers</strong></td>
</tr>
<tr>
<td>Remote control digital fade dimmers</td>
</tr>
<tr>
<td>Single-pole</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td>Single-pole</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td>Multi-location</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td>Multi-location</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td><strong>Magnetic low-voltage dimmers</strong></td>
</tr>
<tr>
<td>Remote control digital fade dimmers</td>
</tr>
<tr>
<td>Single-pole</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td>Single-pole</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td>Multi-location</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td>Multi-location</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td>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.</td>
</tr>
<tr>
<td><strong>Electronic low-voltage dimmers</strong></td>
</tr>
<tr>
<td>Remote control digital fade dimmers</td>
</tr>
<tr>
<td>Single-pole</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td>Multi-location</td>
</tr>
<tr>
<td>120 V</td>
</tr>
<tr>
<td>Only certain LED drivers are dimmable using an ELV dimmer, for more information, visit <a href="http://www.lutron.com/LED">www.lutron.com/LED</a>.</td>
</tr>
</tbody>
</table>

**CC1**: Gloss and Satin color codes, see pg. 61
**CC3**: Gloss color codes, see pg. 61
(Wallplates not included with above, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

*Requires neutral wire connection.*

**Minimum load is 60 W/VA.
Fan and fan/light control model numbers

**Fan controls**

Digital fan control—quiet 7-speed

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIR-FQ4FM-CC1</td>
<td>Multi-location/single-pole</td>
<td>120 V up to 4 canopy modules (1 A each)</td>
</tr>
<tr>
<td>MIR-FQ4FMT-CC1</td>
<td>Multi-location/single-pole fan package</td>
<td>120 V up to 4 canopy modules (1 A each)</td>
</tr>
</tbody>
</table>

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

MIR-FQ4FMT- model includes IR remote control.

No derating required if ganged.

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

**Fan/light controls**

Fan/light control—quiet 7-speed

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIR-LFQTHW-CC1</td>
<td>Single-pole</td>
<td>120 V 300 W light (top) 1 canopy module for up to 1 A fan (bottom)</td>
</tr>
<tr>
<td>MIR-LFQMT-CC1</td>
<td>Multi-location</td>
<td>120 V 300 W light (top) 1 canopy module for up to 1 A fan (bottom)</td>
</tr>
</tbody>
</table>

All above include one wall-mounted fan/light control, one fan-mounted canopy module and one IR remote control.

Wallplates sold separately.

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-).

**Canopy module (fan mounted)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM-FQ1</td>
<td>Canopy module</td>
<td>120 V 1 A</td>
</tr>
</tbody>
</table>

**Companion dimmer, fan, fan/light and IR control model numbers**

**Companion controls**

**Companion dimmer**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA-R-CC3</td>
<td>Companion dimmer</td>
<td>120 V</td>
</tr>
<tr>
<td>MSC-AD-CC4</td>
<td>Companion dimmer</td>
<td>120 V</td>
</tr>
</tbody>
</table>

No derating required if ganged.

**Companion fan control**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA-AFQ4-CC1</td>
<td>Companion fan control</td>
<td>120 V</td>
</tr>
</tbody>
</table>

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.

**Companion fan/light control**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA-ALFQ35-CC1</td>
<td>Companion fan/light control</td>
<td>No derating required if ganged.</td>
</tr>
</tbody>
</table>

**IR remote controls**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIR-ITFS-WH</td>
<td>IR remote control (light only)</td>
<td></td>
</tr>
<tr>
<td>MIR-ITFS-F-WH</td>
<td>IR remote control (fan only)</td>
<td></td>
</tr>
<tr>
<td>MIR-ITFS-LF-WH</td>
<td>IR remote control (fan/light)</td>
<td></td>
</tr>
</tbody>
</table>

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

---

**Notes:**

- **CC1:** Gloss and Satin color codes, see pg. 61
- **CC3:** Gloss color codes, see pg. 61
- **CC4:** Satin color codes, see pg. 61

(Wallplates not included with above, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.
Accessories

Wallplates

Shown actual size: 2-gang Claro® wallplate in White (WH).
For more information about Designer wallplates, see pg. 160.

Coordinated electrical devices

For more information about coordinated Designer electrical devices, see pg. 163.
Product family features

- Uses Lutron’s Clear Connect™ Radio Frequency (RF) Technology which provides reliable RF communication
- Typical range of Pico™ wireless control is 100 ft line-of-sight, 30 ft through walls and floors
- 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
- Combine devices to create a system of up to ten wireless devices, dimmers, switches, sensors and/or wireless controllers
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Battery included with wireless controllers
- Coordinating Claro®, Satin Colors® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

Control types

- Single-pole (one location)
- Multi-location dimming (up to ten locations)
- Wireless multi-location dimming (up to ten locations)

Direct load type compatibility

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

Load type requiring load interface

- Electronic low-voltage lighting

Lighting load interfaces may be applicable for some additional load type, voltage and capacity combinations. For additional information, see pg. 174.
**Available finishes**

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

Gloss finishes*

<table>
<thead>
<tr>
<th>WH</th>
<th>LA</th>
<th>AL</th>
<th>IV</th>
<th>GR</th>
<th>BR</th>
<th>BL</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Light Almond</td>
<td>Almond</td>
<td>Ivory</td>
<td>Gray</td>
<td>Brown</td>
<td>Black</td>
</tr>
</tbody>
</table>

Satin finishes*

<table>
<thead>
<tr>
<th>SW</th>
<th>LS</th>
<th>BI</th>
<th>ES</th>
<th>PD</th>
<th>TP</th>
<th>ST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snow</td>
<td>Limestone</td>
<td>Biscuit</td>
<td>Eggshell</td>
<td>Palladium</td>
<td>Taupe</td>
<td>Stone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BG</th>
<th>PL</th>
<th>SG</th>
<th>TQ</th>
<th>GS</th>
<th>DS</th>
<th>GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bluestone</td>
<td>Plum</td>
<td>Sea Glass</td>
<td>Turquoise</td>
<td>Goldstone</td>
<td>Desert Stone</td>
<td>Greenbriar</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MS</th>
<th>TC</th>
<th>SI</th>
<th>HT</th>
<th>MR</th>
<th>MN</th>
<th>SS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mocha Stone</td>
<td>Terracotta</td>
<td>Sienna</td>
<td>Hot</td>
<td>Merlot</td>
<td>Midnight</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

*Coordinating wallplates only available separately. For wallplate information, see pg. 160.

Stainless Steel wallplate includes black plastic trim/adapter, visible from side. Match with separate Black (BL) or Midnight (MN) controls.
Dimmers, switches and companion dimmers/switches

**Wireless dimmers**
- 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
- Provides true dimming from each location (with companion dimmers)

**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

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

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

Sensors and lamp dimmers

**Radio Powr Savr™ wireless occupancy/vacancy sensors**
- Automatically turns lights on and/or off based on space occupancy
- Uses Lutron’s reliable Clear Connect™ Radio Frequency (RF) Technology
- Eliminates power pack and wiring expense
- Wall controls remain fully operable during automatic shut-off by sensor
- Battery included (10 year battery life)
- See pg. 144 for further details

**Radio Powr Savr™ wireless daylight sensors**
- Automatically adjusts electric lighting levels based on amount of daylight entering a space
- Uses Lutron’s reliable Clear Connect™ Radio Frequency (RF) Technology
- Battery included (10 year battery life)
- See pg. 146 for further details

**Plug-in wireless table top lamp dimmers**
- For use with table and floor lamps only
- Easy to install, requires no wiring or tools
- Cord is 6 ft (1.8 m) long

**Plug-in wireless lamp and appliance modules**
- Dimming module designed to control table and floor lamps
- Appliance module recommended for computers, printers, lamps and fans
- Cord is 2 ft (0.61 m) long
Wireless controls and accessories

Pico™ wireless controls
(3-button with raise/lower)

- Recalls favorite light levels for up to nine dimmers, plus on/off and adjust for fine tuning of light levels
- “On,” “Adjust,” “Preset” and “Off” functions from a range of up to 100 ft
- Can be a wall-mount, tabletop, car visor or handheld control
- Surface mount and car visor clip included
- Battery included (5 year battery life)

Pico wireless controls
(2-button with raise/lower)

- “On,” “Raise/lower” and “Off” functions from a range of up to 100 ft
- Can be a wall-mount, tabletop, car visor or handheld control
- Surface mount and car visor clip included
- Battery included (5 year battery life)

Pico wireless controls
(3-button)

- “On,” “Preset” and “Off” functions from a range of up to 100 ft
- Can be a wall-mount, tabletop, car visor or handheld control
- Surface mount and car visor clip included
- Battery included (5 year battery life)

Pico wireless controls
(2-button)

- Simplified all on and off buttons that are easy to understand
- Can be a wall-mount, tabletop, car visor or handheld control
- Surface mount and car visor clip included
- Battery included (5 year battery life)

Available finishes

Use **BOLD** color code in model number  (Example: MRF2-3BRL-BL)
For use with 3-button with raise/lower, 3-button, 2-button with raise/lower and 2-button models.

Gloss finishes

<table>
<thead>
<tr>
<th>WG</th>
<th>WH</th>
<th>LA</th>
<th>AL</th>
<th>IV</th>
<th>GR</th>
<th>BR</th>
<th>BL</th>
</tr>
</thead>
<tbody>
<tr>
<td>White/Gray</td>
<td>White</td>
<td>Light Almond</td>
<td>Almond</td>
<td>Ivory</td>
<td>Gray</td>
<td>Brown</td>
<td>Black</td>
</tr>
</tbody>
</table>
Wireless control accessories

Wallplates

- Use Claro® wallplates for a wall-mounted application, see pg. 160 for colors
- Single, dual and multi-gang configurations available
- Surface mount at any location (no wallbox required)

Pedestals

- The pedestal is available in a single or dual configuration for using the Pico as a tabletop control
- Available in White (WH) or Black (BL)

Single pedestal configuration

Dual pedestal configuration
Connections overview

**Load connections**

- Incandescent/Halogen
- Table Lamp
- Magnetic Low-Voltage
- Fluorescent Lighting
- LED
- Switched Lighting/Fans
- MLV Transformer (by others)

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

- Dim from multiple-locations (up to 10)
  - Light Source
  - Multi-Location Dimmer
  - Up to 9 Pico Wireless Controls

**Pico mounting options**

- Handheld Control
- Wall-Mount (Surface Mount or Wallbox)
- Tabletop Control (Single or Dual Mount Pedestal)

Dim from multiple-locations (up to 10)

- Light Source
- Multi-Location Dimmer
- Up to 9 Companion Dimmers

Switch from multiple-locations (up to 10)

- Light Source
- Multi-Location Switch
- Up to 9 Companion Switches

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

**Incandescent/halogen dimmers**
- Digital fade dimmers†
  - Multi-location/single-pole  MRF2-600M-CC†
  - 120V  600W

**Incandescent/halogen or Magnetic low-voltage dimmers**
- Digital fade dimmer†
  - Multi-location/single-pole  MRF2-6MLV-CC†
  - 120V  600W/VA

- Digital fade dimmers—specification grade
  - Multi-location/single-pole***  MRF2-6ND-120-CC†
  - 120V  600W/VA
  - Multi-location/single-pole††  MRF2-10D-120-CC†
  - 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%).

**3-wire fluorescent dimmers**
- Digital fade dimmer
  - Multi-location/single-pole  MRF2-F6AN-DV-CC†
  - 120/277V  6A

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts.
Also compatible with Hi-lume® LED driver.

**Hi-lume® LED drivers:**

**3-wire fluorescent dimmers**
- Digital fade dimmer
  - Multi-location/single-pole  MRF2-F6AN-DV-CC†
  - 120/277V  6A

For use with Hi-lume LED driver only.
For more information on Hi-lume LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).
Low-end trim available via advanced programming.

### Plug-in lamp dimmer and plug-in module model numbers

**Plug-in wireless table top lamp dimmer**
- Plug-in lamp dimmer
  - 120V  300W  MRF2-3LD-EE†
  - Rated for: incandescent/halogen.

**Plug-in wireless module**
- Plug-in lamp dimmer module
  - 120V  300W  MRF2-3PD-1-EE†
  - 3 receptacles  MRF2-3PD-3-EE†
  - 120V  300W

10 Watt minimum load.
Rated for: incandescent/halogen and magnetic low-voltage.
Can be converted to a switch for lighting loads.

**Plug-in appliance module**
- 1 receptacle  MRF2-15APS-1-EE†
  - 120V  15A  1/2 HP

---

**CC†:** Gloss and Satin color codes, see pg. 69
(Wallplates not included, order separately, see pg. 160)

**EE†:** Available in White (WH) and Black (BL)

All models must be derated if ganged unless otherwise noted, see pg. 170.

*L Requires neutral wire connection.

†Minimum load is 50W/VA.
Switches

Digital switch*
Multi-location/single-pole  MRF2-6ANS-CC1
120 V 6 A light or 3 A fan
Rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, non-dim fluorescent ballasts, general purpose fans and most non-dim LED drivers.

Switches—specification grade
Multi-location/single-pole*  MRF2-8ANS-120-CC1
120 V 8 A light or 5.8 A fan
Multi-location/single-pole**  MRF2-8S-DV-CC1
120 V 8 A light or 3 A fan or 1/4 HP motor 277 V 8 A light or 3 A fan
Rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, non-dim fluorescent ballasts, non-dim LED drivers, general purpose fans and most non-dim LED drivers.

Companion controls

Companion dimmers
Companion dimmer  MA-R-CC3
120 V  MSC-AD-CC4
Companion dimmer  MA-R-277-CC3
277 V  MSC-AD-277-CC4
No derating required if ganged.

Companion switches
Companion switch  MA-AS-CC3
120 V  MSC-AS-CC4
Companion switch  MA-AS-277-CC3
277 V  MSC-AS-277-CC4
No derating required if ganged.

---

CC1: Gloss and Satin color codes, see pg. 69
CC2: Gloss color codes, see pg. 69
CC3: Satin color codes, see pg. 69

(Wallplates not included with above, order separately, see pg. 160)

EE4: Available in White (WH) and Black (BL)

All models must be derated if ganged unless otherwise noted, see pg. 170.

*Requires neutral wire connection.
**Minimum load is 40W/VA.
Sensor model numbers

Sensors

Radio Powr Sav® ceiling mount wireless sensors
- Occupancy/vacancy sensor: LRF2-OCRB-P-EE³
- Vacancy sensor: LRF2-VCRB-EE³

Radio Powr Sav® wall-mount wireless sensors
- Occupancy/vacancy sensor: LRF2-OWLB-P-WH
- Vacancy sensor: LRF2-VWLB-P-WH
- Occupancy/vacancy sensor: LRF2-OKLB-P-WH
- Vacancy sensor: LRF2-VKLB-P-WH
- Occupancy/vacancy sensor: LRF2-OHLB-P-WH
- Vacancy sensor: LRF2-VHLB-P-WH

Communicates with up to nine dimmers and switches.
Add up to three sensors for maximum coverage.
For compatibility with other systems, visit www.lutron.com/occsensors.

Radio Powr Sav® wireless daylight sensor

Daylight sensor: LRF2-DCRB-WH

Wireless controls and accessories model numbers

Wireless controls

Pico™ wireless controls
- 3-button with raise/lower: MRF2-3BRL-L-FF¹
- 2-button with raise/lower: MRF2-2BRL-L-FF¹
- 3-button with "Preset" button: MRF2-3B-L-FF¹
- 3-button with "Welcome" button: MRF2-3B-L-FF¹-E01
- 2-button: MRF2-2B-L-FF¹

Accessories

Pedestals
- Single pedestal: L-PED1-EE⁴
- Double pedestal: L-PED2-EE⁴

Pico faceplate adapter kit
- Faceplate kit: PICO-FP-ADAPT

Note:
- EE³: Available in White (WH), Light Almond (LA) and Black (BL)
- EE⁴: Available in White (WH) and Black (BL)
- FF¹: Pico color codes, see pg. 71

www.lutron.com | 1.800.523.9466 | LUTRON
Wallplates

Shown actual size: 2-gang Claro® wallplate in White (WH).
For more information about Designer wallplates, see pg. 160.

4.75 in (121 mm)

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. 163.
**Product family features**

- True multi-location dimming from every location
- Use the IR (infrared) remote control to adjust lights from anywhere in the room up to 30 ft line-of-sight
- 4-scene presets plus full on/off and raise/lower
- Tap dimmer on to favorite level; tap off; tap dimmer 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
- IR (infrared) remote control convenience
- Install with standard wiring—replace existing switches or dimmers
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Coordinating Claro® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

**Control types**

- Single-pole (one location)
- Multi-location dimming from every location (up to ten locations)

**Direct load type compatibility**

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

**Load type requiring load interface**

Lighting load interfaces may be applicable for some load type, voltage and capacity combinations. For additional information, see pg. 174.

Shown actual size: Spacer System master control and 1-gang Claro wallplate in White (WH).
Available finishes

Use **BOLD** color code in model number  (Example: SPS-5WC-**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. 160.

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

Wall mounted master controls
- Controls up to four dimmers of all load types
- 4-preset scenes, plus full on and all off
- Rocker for raise/lower master override
- IR receiver for remote control
- When using 120 V and 277 V products in the same backbox, use 600 V rated cable. Follow NEC®, see application note #133 (U.S. requirements for mixing 120 V and 277 V products in the same Wallbox) visit www.lutron.com/applicationnotes

Wall mounted master controls with IR blasters
- Same features as above
- Controls up to four dimmers per blaster
- Requires two travel wires between master control and IR blasters

Dimmers and switches

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

Plug-in lamp dimmers with integral IR receiver
- For use with table and floor lamps only
- Requires no wiring or tools
- Only available in Royal Plum (RP)

Digital switches
- For multi-location Spacer System multi-location switch with Spacer System companion switches
- When using 120 V and 277 V products in the same backbox, use 600 V rated cable. Follow NEC®, see application note #133 (U.S. requirements for mixing 120 V and 277 V products in the same Wallbox) visit www.lutron.com/applicationnotes
Companion dimmers and switches

Companion dimmers
- For use with multi-location dimmers only, use up to nine companion dimmers with only one Spacer System multi-location dimmer
- Provides true dimming from each location (with master controls and multi-location dimmers)

Companion switches
- For use with multi-location switches, use up to nine Spacer System companion switches with one Spacer System multi-location switch

Companion controls

Favorite scene IR remote controls
- Recalls preset light level for one scene, plus off and fine tuning of light levels
- 30 ft line-of-sight to receiver
- Only available in Royal Plum (RP)
- Batteries included

4-scene IR remote controls
- Recalls preset light levels for four scenes plus off and fine tuning of light levels
- 50 ft line-of-sight to receiver
- Only available in Royal Plum (RP)
- Batteries included
Connections overview

**Load connections**

- Incandescent/Halogen
- Magnetic Low-Voltage
- Electronic Low-Voltage
- Fluorescent Lighting
- LED
- Switched Lighting/Fans
- Table Lamp

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

- Dim from multiple-locations (up to 10)
  - Lighting Load
  - Multi-location Dimmer
  - Up to 9 Companion Dimmers

- Switch from multiple-locations (up to 10)
  - Lighting Load
  - Multi-location Switch
  - Up to 9 Companion Switches

**Wall mounted master control with dimmers**

Rear View of Spacer System dimmers and SPS-5WC-ganged together.

SPS-5WC-emits signal that travels up to 4 dimmers in each direction.

**Wall mounted master control with IR blasters**

Rear View of 5 Spacer System dimmers ganged together.

Infrared Blaster emits signal that travels up to 2 dimmers in each direction.

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.*
**Master control and dimmer model numbers**

### Master controls*

5-scene wall mounted master control
120 V  SPS-5WC-CC³

Remote 5-scene wall mounted master control with two IR blasters
120 V  SPS-5WCR-CC³

SPS-5WC- must be ganged in the same continuous backbox with Spacer System dimmers; its IR signal travels within the backbox to four dimmers in either direction. Remote-mounted SPS-5WCR- talks to Spacer System dimmers via IR blasters clip to the dimmer backbox and emit IR signals for up to two dimmers in either direction.

### Incandescent/halogen dimmers

#### Dimmers with IR receiver**

<table>
<thead>
<tr>
<th>Single-location</th>
<th>SPS-600-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
<tr>
<td>Single-location</td>
<td>SPS-1000-CC³</td>
</tr>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Multi-location</th>
<th>SPS-600M-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
<tr>
<td>Multi-location</td>
<td>SPS-1000M-CC³</td>
</tr>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
</tbody>
</table>

#### Dimmers with IR receiver and a wallplate**

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SPSW-600H-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
<tr>
<td>Multi-location</td>
<td>SPSW-603H-CC³</td>
</tr>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
</tbody>
</table>

#### Dimmer, IR remote control, companion dimmer and wallplate**

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SPSW-600-HTH-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
<tr>
<td>Multi-location</td>
<td>SPSW-603-HTH-CC³</td>
</tr>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
</tbody>
</table>

---

**Plug-in lamp dimmer model numbers**

### Plug-in lamp dimmers

#### Plug-in lamp dimmer with integral IR receiver

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SPS-300LD-RP</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 300 W</td>
<td></td>
</tr>
</tbody>
</table>

#### Plug-in lamp dimmer with IR remote control

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SPS-300LD-HTH-RP</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 300 W</td>
<td></td>
</tr>
</tbody>
</table>

Plug-in lamp dimmer with IR receiver are available in Royal Plum (RP) only.

---

*Requires neutral wire connection.

**Minimum load 60 W/VA.

---

CC³: Gloss color codes, see pg. 77
(Wallplates not included, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.
### Dimmer model numbers

#### Magnetic low-voltage dimmers**

**Dimmers with IR receiver**

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Voltage</th>
<th>VA/VA (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-location</td>
<td>SPSLV-600-CC³</td>
<td>120 V</td>
<td>600 VA (450W)</td>
</tr>
<tr>
<td>Single-location</td>
<td>SPSLV-1000-CC³</td>
<td>120 V</td>
<td>1000 VA (800W)</td>
</tr>
<tr>
<td>Multi-location</td>
<td>SPSLV-600M-CC³</td>
<td>120 V</td>
<td>600 VA (450W)</td>
</tr>
<tr>
<td>Multi-location</td>
<td>SPSLV-1000M-CC³</td>
<td>120 V</td>
<td>1000 VA (800W)</td>
</tr>
</tbody>
</table>

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 IR receiver**

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Voltage</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-location</td>
<td>SPSELV-600-CC³</td>
<td>120 V</td>
<td>600W</td>
</tr>
<tr>
<td>Multi-location</td>
<td>SPSELV-600M-CC³</td>
<td>120 V</td>
<td>600W</td>
</tr>
</tbody>
</table>

Only certain LED drivers are dimmable using an ELV dimmer, for more information visit www.lutron.com/LED.

#### 3-wire fluorescent dimmers*

**Dimmers with IR receivers**

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Voltage</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-location</td>
<td>SPSF-6A-CC³</td>
<td>120 V</td>
<td>6 A</td>
</tr>
<tr>
<td>Multi-location</td>
<td>SPSF-6AM-CC³</td>
<td>120 V</td>
<td>6 A</td>
</tr>
<tr>
<td>Single-location</td>
<td>SPSF-6A-277-CC³</td>
<td>277 V</td>
<td>6 A</td>
</tr>
<tr>
<td>Multi-location</td>
<td>SPSF-6AM-277-CC³</td>
<td>277 V</td>
<td>6 A</td>
</tr>
</tbody>
</table>

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts. Also compatible with Hi-lume® LED driver. Fixed low-end trim (non-adjustable).

#### Tu-Wire® fluorescent dimmer*

**Dimmer with IR receiver**

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Voltage</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-location</td>
<td>SPSFTU-5A-CC³</td>
<td>120 V</td>
<td>5 A</td>
</tr>
</tbody>
</table>

Also compatible with Advance Mark X ballasts, for further information visit www.lutron.com/advance.

For information on use with Universal and OSRAM ballasts, contact Technical Support at 1.800.523.9466.

---

**CC³**: Gloss color codes, see pg. 77
(Wallplates not included, order separately, see pg. 160)

---

For more information on ballasts, visit www.lutron.com/ballasts.
All models must be derated if ganged unless otherwise noted, see pg. 170.

*Requires neutral wire connection.

**Minimum load 60W/VA.
### Dimmer model numbers

#### Hi-lume® LED drivers:

**3-wire fluorescent dimmers**

<table>
<thead>
<tr>
<th>Dimmers with IR receivers</th>
<th>SPSF-6A-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-location</td>
<td>120 V 6 A</td>
</tr>
<tr>
<td></td>
<td>20 drivers</td>
</tr>
<tr>
<td>Multi-location</td>
<td>120 V 6 A</td>
</tr>
<tr>
<td></td>
<td>20 drivers</td>
</tr>
<tr>
<td>Single-location</td>
<td>277 V 6 A</td>
</tr>
<tr>
<td></td>
<td>20 drivers</td>
</tr>
<tr>
<td>Multi-location</td>
<td>277 V 6 A</td>
</tr>
<tr>
<td></td>
<td>20 drivers</td>
</tr>
</tbody>
</table>

For use with Hi-lume LED driver only.
Fixed low-end trim (non-adjustable).

### Switch model numbers

#### Switches

<table>
<thead>
<tr>
<th>Digital switches</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-location</td>
</tr>
<tr>
<td>120 V 6 A light</td>
</tr>
<tr>
<td>SPSF-S6A-CC³</td>
</tr>
<tr>
<td>Single-location</td>
</tr>
<tr>
<td>277 V 6 A light</td>
</tr>
<tr>
<td>SPSF-S6A-277-CC³</td>
</tr>
<tr>
<td>Multi-location</td>
</tr>
<tr>
<td>120 V 6 A light</td>
</tr>
<tr>
<td>SPSF-S6AM-CC³</td>
</tr>
<tr>
<td>Multi-location</td>
</tr>
<tr>
<td>277 V 6 A light</td>
</tr>
<tr>
<td>SPSF-S6AM-277-CC³</td>
</tr>
</tbody>
</table>

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

**CC³:** Gloss color codes, see pg. 77
(Wallplates not included, order separately, see pg. 160)

*Requires neutral wire connection.*

For more information on Hi-lume LED drivers, visit [www.lutron.com/HilumeLED](http://www.lutron.com/HilumeLED).
All models must be derated if ganged unless otherwise noted, see pg. 170.
Companion control model numbers

<table>
<thead>
<tr>
<th>Companion controls</th>
<th>Companion dimmers</th>
<th>Companion switches</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companiion dimmer</td>
<td>SPS-AD-cc³</td>
<td></td>
</tr>
<tr>
<td>120 V</td>
<td></td>
<td>120 V</td>
</tr>
<tr>
<td>Companiion dimmer</td>
<td>SPS-AD-277-cc³</td>
<td></td>
</tr>
<tr>
<td>277 V</td>
<td></td>
<td>277 V</td>
</tr>
</tbody>
</table>

Use standard single-pole and 3-way wiring for easy installation.
No derating required if ganged.

Remote and accessory model numbers

<table>
<thead>
<tr>
<th>Infrared remote controls*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remotes</td>
</tr>
<tr>
<td>4-scene (50 ft line-of-sight)</td>
</tr>
<tr>
<td>Favorite scene (30 ft line-of-sight)</td>
</tr>
</tbody>
</table>

Remote controls available exclusively in Royal Plum (RP).
Remote controls are available for use with Spacer System®, GRAFIK Eye® 3100/3500/4100/4500 and GRAFIK Eye® QS.

<table>
<thead>
<tr>
<th>Accessory model numbers</th>
<th>Remote control tether and holster</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tether and holster</td>
<td>RCTH-GR</td>
</tr>
</tbody>
</table>

Remote control tether and holster available exclusively in Gray (GR).

**cc³:** Gloss color codes, see pg. 77
(Wallplates not included, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.
*Remote controls work with all Spacer System dimmers, switches and lamp dimmers.
**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. 160.

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**Coordinated electrical devices**

- Tamper resistant GFCI receptacle
- Customizable 6-port frame
- Cable jack

For more information about coordinated Designer electrical devices, see pg. 163.
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® dimmers offer more reliable dimming performance over standard dimmers when dimming CFLs and LEDs; they also provide full range dimming for incandescent and halogen bulbs as well as mixed loads types
• C-L® dimmers feature HED™ Technology with advanced dimming circuitry designed for compatibility with most high-efficacy light bulbs
• 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. 155

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
- Dimmable CFL/LED lighting (screw-base)
- 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. 174.
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. 160.

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

- Paddle turns on/off
- Slide up to brighten; down to dim
- Locator light shines through paddle on select lighter colored models
- C•L™ models provide more reliable dimming for screw-base CFL and LED lighting loads
- eco-dim® model guarantees at least 15% energy savings compared to a standard switch

Fan controls and switches

Fan controls

- Paddle turns on/off
- Slide up to increase speed; down to decrease speed
- Three 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

- Paddle turns on/off
- Use with any 15 A load
- General purpose switching of all sources and motor loads
- Available with locator light
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.
For more information on LED drivers, visit www.lutron.com/LED.

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

#### Incandescent/halogen dimmers

**Dimmers**

| Single-pole | DV-600P-CC³ |
| 120 V 600 W |  |
| Single-pole | DV-10P-CC³ |
| 120 V 1000 W |  |
| 3-way | DV-603P-CC³ |
| 120 V 600 W |  |
| 3-way | DV-103P-CC³ |
| 120 V 1000 W |  |
| 3-way/single-pole | DVCL-153P-CC³ |
| 120 V 600 W |  |
| 3-way/single-pole | DVSCCL-153P-CC⁴ |
| 120 V 600 W |  |

Refer to the “how to calculate wattage when mixing lamp types” table on, www.lutron.com/dimcflled, when using a combination of bulb types with the C-L dimmer.

**eco-dim® dimmer with locator light**

| 3-way/single-pole | DV-603PG-EE² |
| 120 V 600 W |  |

eco-dim model guarantees at least 15% energy savings compared to a standard switch.

#### Dimmable CFL bulbs (screw-base)

**Dimmers**

| 3-way/single-pole | DVCL-153P-CC³ |
| 120 V 150 W |  |
| 3-way/single-pole | DVSCCL-153P-CC⁴ |
| 120 V 150 W |  |

Refer to the “how to calculate wattage when mixing lamp types” table on, www.lutron.com/dimcflled, when using a combination of bulb types with the C-L dimmer.

Visit www.lutron.com for an approved list of dimmable CFL/LED bulbs.

#### Dimmable LED bulbs (screw-base)

**Dimmers**

| Single-pole | DV-600P-CC³ |
| 120 V 600 VA (450 W) |  |
| Single-pole | DV-10P-CC³ |
| 120 V 1000 VA (800 W) |  |
| 3-way | DV-603P-CC³ |
| 120 V 600 VA (450 W) |  |
| 3-way | DV-103P-CC³ |
| 120 V 1000 VA (800 W) |  |

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.

#### Magnetic low-voltage dimmers

**Dimmers**

| Single-pole | DV-600P-CC³ |
| 120 V 600 VA (450 W) |  |
| Single-pole | DV-10P-CC³ |
| 120 V 1000 VA (800 W) |  |
| 3-way | DV-603P-CC³ |
| 120 V 600 VA (450 W) |  |
| 3-way | DV-103P-CC³ |
| 120 V 1000 VA (800 W) |  |

All models must be derated if ganged unless otherwise noted, see pg. 170.

---

**CC³**: Gloss color codes, see pg. 87
**CC⁴**: Satin color codes, see pg. 87
**EE²**: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)
(Wallplates not included with above, order separately, see pg. 160)
### Dimmer model numbers

#### Electronic low-voltage dimmers

<table>
<thead>
<tr>
<th>Dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>DVELV-300P-CC³</td>
</tr>
<tr>
<td>120 V 300 W</td>
<td>DVSCELV-300P-CC⁴</td>
</tr>
<tr>
<td>3-way</td>
<td>DVELV-303P-CC³</td>
</tr>
<tr>
<td>120 V 300 W</td>
<td>DVSCELV-303P-CC⁴</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3-way/single-pole</td>
<td>DVF-103P-CC³</td>
</tr>
<tr>
<td>120 V 8 A</td>
<td>DVSCF-103P-CC⁴</td>
</tr>
<tr>
<td>3-way/single-pole</td>
<td>DVF-103P-277-CC³</td>
</tr>
<tr>
<td>277 V 6 A</td>
<td>DVSCF-103P-277-CC⁴</td>
</tr>
</tbody>
</table>

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lumes® 3D, Eco-10®, EcoSystem® ballasts.

Also compatible with Hi-lume® LED driver.

No derating required if ganged.

Adjustable high-end and low-end trim.

#### 0-10 V dimmers

(current sink control)

<table>
<thead>
<tr>
<th>Dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>DVT-CC³</td>
</tr>
<tr>
<td>30 mA max control current</td>
<td></td>
</tr>
<tr>
<td>Single-pole</td>
<td>DVSCCTV-CC⁴</td>
</tr>
<tr>
<td>30 mA max control current</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

No derating required if ganged.

Adjustable high-end and low-end trim.

#### Tu-Wire® fluorescent dimmers

<table>
<thead>
<tr>
<th>Dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3-way/single-pole</td>
<td>DVFTU-5A3P-CC³</td>
</tr>
<tr>
<td>120 V 5 A</td>
<td>DVSCFTU-5A3P-CC⁴</td>
</tr>
</tbody>
</table>

Also compatible with Advance Mark X 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.

---

**CC³**: Gloss color codes, see pg. 87

**CC⁴**: Satin color codes, see pg. 87

(Wallplates not included with above, order separately, see pg. 160)

---

*Requires neutral wire connection.*
Dimmer model numbers

**Hi-lume® LED drivers:**
3-wire fluorescent dimmers*

<table>
<thead>
<tr>
<th>Dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3-way/single-pole</td>
<td>DVF-103P-CC³</td>
</tr>
<tr>
<td>120 V 8 A</td>
<td>DVSCF-103P-CC⁴</td>
</tr>
<tr>
<td>3-way/single-pole</td>
<td>DVF-103P-277-CC³</td>
</tr>
<tr>
<td>277 V 6 A</td>
<td>DVSCF-103P-277-CC⁴</td>
</tr>
</tbody>
</table>

Exclusively compatible with Hi-Lume LED driver
For more information on Hi-lume LED drivers, visit www.lutron.com/HilumeLED.
No derating required if ganged.
Adjustable low-end trim.

**0-10 V LED dimmers:**
0-10 V dimmers
(current sink control)

<table>
<thead>
<tr>
<th>Dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>DVTVC-CC³</td>
</tr>
<tr>
<td>30 mA max control current</td>
<td></td>
</tr>
<tr>
<td>Single-pole</td>
<td>DVSCCTVC-CC⁴</td>
</tr>
<tr>
<td>30 mA max control current</td>
<td></td>
</tr>
</tbody>
</table>

Control provides dimming signal only. For dimming with on/off switching, use with Lutron PowerPack: PP-120H, PP-277H or PP-347H.
Consult ballast manufacturer for specific ballast current draw to determine maximum number of ballasts per control.
For compatible 0-10 V LED drivers by others, visit www.lutron.com/LED.
No derating required if ganged.
Adjustable high-end and low-end trim.

Fan control and switch model numbers

**Fan controls**
Fan controls—quiet 3-speed

<table>
<thead>
<tr>
<th>Fan controls</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3-way/single-pole</td>
<td>DVFSQ-F-CC³</td>
</tr>
<tr>
<td>120 V 1.5 A</td>
<td>DVSCFSQ-F-CC⁴</td>
</tr>
<tr>
<td>3-way/single-pole</td>
<td>DVFSQ-F-HO-CC³</td>
</tr>
<tr>
<td>120 V 2.0 A</td>
<td></td>
</tr>
</tbody>
</table>

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.

**Switches**
General purpose switches

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>CA-1PSH-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120/277 V 15 A</td>
<td>SC-1PS-CC⁴</td>
</tr>
<tr>
<td>3-way</td>
<td>CA-3PSH-CC³</td>
</tr>
<tr>
<td>120/277 V 15 A</td>
<td>SC-3PS-CC⁴</td>
</tr>
<tr>
<td>4-way</td>
<td>CA-4PSH-CC³</td>
</tr>
<tr>
<td>120/277 V 15 A</td>
<td>SC-4PS-CC⁴</td>
</tr>
</tbody>
</table>

General purpose switches with locator light

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>CA-1PSNL-EE²</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 15 A</td>
<td>SC-1PSNL-EE¹⁰</td>
</tr>
<tr>
<td>3-way</td>
<td>CA-3PSNL-EE²</td>
</tr>
<tr>
<td>120 V 15 A</td>
<td>SC-3PSNL-EE¹⁰</td>
</tr>
<tr>
<td>4-way</td>
<td>CA-4PSNL-EE²</td>
</tr>
<tr>
<td>120 V 15 A</td>
<td>SC-4PSNL-EE¹⁰</td>
</tr>
</tbody>
</table>

No derating required if ganged.

---

**CC³**: Gloss color codes, see pg. 87
**CC⁴**: Satin color codes, see pg. 87
**EE²**: Only available in Almond (AL), Ivory (IV), Light Almond (LA) and White (WH)
**EE¹⁰**: Available in Biscuit (Bl), Eggshell (ES), Goldstone (GS), Limestone (LS), Sea Glass (SG) and Snow (SW)
(Wallplates not included with above, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

*Requires neutral wire connection.
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. 160.

Coordinated electrical devices

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack

For more information about coordinated Designer electrical devices, see pg. 163.
Product family features

• Matching dimmers and switches
• On/off push button returns light to your favorite level and provides a large target
• Round captive knob adjusts light to suit any activity
• Amber locator light is easy to find in the dark
• Voltage compensation maintains stable light levels, despite line voltage variations
• 100% factory tested
• Coordinating Claro®, Satin Colors® and Stainless Steel wallplates only available separately
• Custom engraving available for wallplates, see pg. 155

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 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. 174.
Available finishes

Use **BOLD** color code in model number (Example: LX-600PL-GB)

**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. 160.

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

**Dimmers with locator light**
- Push button turns on/off
- Slide up to brighten; down to dim
- Includes locator light

**Fan controls**
- Push button turns on/off
- Slide up to increase speed; down to decrease speed
- 3-quiet fan speeds for increased comfort
- Designed to prevent motor hum

**Switches**

**Switches with locator light**
- Push button turns on/off
- Use with lighting loads or 1 HP motor loads (i.e., garbage disposals)
- Includes locator light
Connections overview

**Load connections**

- Incandescent/Halogen
- Magnetic Low-Voltage
  - MLV Transformer (by others)
- Electronic Low-Voltage
- Fluorescent Lighting
- LED
- Switched Lighting/Fans
- Ceiling Fan

**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

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.*
### Dimmer model numbers

#### Incandescent/halogen dimmers
Preset dimmers with locator light

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>LX-600PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>LX-10PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way</th>
<th>LX-603PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way</th>
<th>LX-103PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
</tbody>
</table>

#### Magnetic low-voltage dimmers
Preset dimmers with locator light

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>LXLV-600PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 VA (450 W)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>LXLV-10PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 1000 VA (800 W)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way</th>
<th>LXLV-603PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 VA (450 W)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way</th>
<th>LXLV-103PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 1000 VA (800 W)</td>
<td></td>
</tr>
</tbody>
</table>

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
Preset dimmers with locator light

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>LXELV-600PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way</th>
<th>LXELV-603PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
</tbody>
</table>

Certain LED drivers are dimmable using an ELV dimmer, for more information, visit www.lutron.com/LED.

**CC¹**: Gloss and Satin color codes, see pg. 95 (Wallplates not included, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

### Dimmer, fan control and switch model numbers

#### 3-wire fluorescent dimmers
Preset dimmers with locator light

<table>
<thead>
<tr>
<th>3-way/single-pole</th>
<th>LXF-103PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 8 A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way/single-pole</th>
<th>LXF-103PL-277-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>277 V 6 A</td>
<td></td>
</tr>
</tbody>
</table>

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts. Also compatible with Hi-lume® LED driver. No derating required if ganged. Adjustable low-end trim.

#### Hi-lume® LED drivers:
3-wire fluorescent dimmers
Preset dimmers with locator light

<table>
<thead>
<tr>
<th>3-way/single-pole</th>
<th>LXF-103PL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 8 A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way/single-pole</th>
<th>LXF-103PL-277-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>277 V 6 A</td>
<td></td>
</tr>
</tbody>
</table>

For use with Hi-lume LED driver only. No derating required if ganged. Adjustable low-end trim.

#### Fan control
Fan controls—quiet 3-speed

<table>
<thead>
<tr>
<th>3-way/single-pole ceiling fan</th>
<th>LXFSQ-F-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 1.5 A</td>
<td></td>
</tr>
</tbody>
</table>

No derating required if ganged.

#### Switches
Switches with locator light

<table>
<thead>
<tr>
<th>Single-pole non-dimmed lighting</th>
<th>LX-1PSL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W/VA (5A) or 1HP motor load</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way non-dimmed lighting</th>
<th>LX-3PSL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W/VA (5A) or 1 HP motor load—1000 W/VA (8 A) when used with 1000 W dimmer</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4-way non-dimmed lighting</th>
<th>LX-4PSL-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W/VA (5A) or 1 HP motor load—1000 W/VA (8 A) when used with 1000 W dimmer</td>
<td></td>
</tr>
</tbody>
</table>

No derating required if ganged.

*Requires neutral wire connection.*
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. 160.

Coordinated electrical devices

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack

For more information about coordinated Designer electrical devices, see pg. 163.
Product family features

- Rocker switch returns light to your favorite level
- Slide up to brighten; down to dim
- C-L™ dimmers offer more reliable dimming performance over standard dimmers when dimming CFLs and LED; they also provide full range dimming for incandescent and halogen bulbs as well as mixed loads types
- C-L dimmers feature HED™ Technology with advanced dimming circuitry designed for compatibility with most high-efficacy light bulbs
- eco-minder™ model: As the lights are dimmed, eco-minder LED transforms from red to green indicating 15% or more energy savings compared to a standard switch
- eco-dim® model guarantees at least 15% energy savings compared to a standard switch
- Mechanical air-gap to disconnect load power
- 100% factory tested
- Coordinating 1-gang Claro® wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

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)

Lighting load interfaces are not compatible with this family.
Available finishes

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

Gloss finishes*

<table>
<thead>
<tr>
<th>WH</th>
<th>LA</th>
<th>AL</th>
<th>IV</th>
<th>GR</th>
<th>BR</th>
<th>BL</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Light Almond</td>
<td>Almond</td>
<td>Ivory</td>
<td>Gray</td>
<td>Brown</td>
<td>Black</td>
</tr>
</tbody>
</table>

Dimmers

**Dimmers with on/off switch**

- **C•L™** models provide more reliable dimming for screw-base CFL and LED lighting loads
- **eco-dim®** model guarantees at least 15% energy savings compared to a standard switch

**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

*Coordinating wallplates only available separately. For wallplate information, see pg. 160.
Connections overview

Load connections*

Incandescent/Halogen

Screw-base CFL/LED

Light Source

3-way Dimmer

3-way Switch

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

Incandescent/Halogen Dimmer

C-L™ Dimmer

C-L Dimmer

Dimmer model numbers

Incandescent/halogen dimmers

Dimmers with on/off switch

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>CT-600P</td>
<td>120V</td>
<td>600W</td>
</tr>
<tr>
<td>3-way</td>
<td>CT-603P</td>
<td>120V</td>
<td>600W</td>
</tr>
<tr>
<td>3-way/single-pole</td>
<td>CTCL-153P</td>
<td>120V</td>
<td>600W</td>
</tr>
</tbody>
</table>

eco-minder™ dimmers with on/off switch and locator light

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>MK-600Pl</td>
<td>120V</td>
<td>600W</td>
</tr>
<tr>
<td>3-way</td>
<td>MK-603Pl</td>
<td>120V</td>
<td>600W</td>
</tr>
</tbody>
</table>

eco-minder green LED demonstrates 15% or more energy savings compared to a standard switch.

eco-dim® digital fade dimmer**

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>CT-603PG</td>
<td>120V</td>
<td>600W</td>
</tr>
</tbody>
</table>

eco-dim model guarantees at least 15% energy savings and triples lamp life compared to a standard switch.

Dimmable CFL bulbs (screw-base)

Dimmable LED bulbs (screw-base)

Dimmers with on/off switch

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-way/single-pole</td>
<td>CTCL-153P</td>
<td>120V</td>
<td>150W</td>
</tr>
</tbody>
</table>

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

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.

CC³: Gloss color codes, see pg. 101
EE²: Gloss White (WH), Light Almond (LA), Almond (AL) and Ivory (IV), see pg. 101 (Wallplates not included, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

**Minimum load is 40W/VA.
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. 160.

Coordinated electrical devices

For more information about coordinated Designer electrical devices, see pg. 163.
**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
- 1000 W 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. 155

**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
- Dimmable compact fluorescent
- 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. 174.
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. 160.

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

Slide-to-off dimmers
- Slide up to on/brighten; down to dim/off

Dimmers with on/off switch and locator light
- Rocker switch turns on/off
- Slide up to brighten; down to dim
- Includes amber locator light

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 compared to a standard switch
**Fan and fan/light controls**

**Slide-to-off fan controls**
- 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
- Quiet 3-speed designed to prevent motor hum
- Fully variable model also available

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

**Fan control** (top)
- Slide up to on/increase fan speed; down to decrease fan speed/off
- 3-quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Quiet 3-speed 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

**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
- Quiet 3-speed designed to prevent motor hum
- Fully variable available for use with multiple paddle or exhaust fans

**Dimmer** (right)
- Slide up to on/brighten; down to dim/off

**Dual devices**

---

Designer wallplate opening | Skylark® dimmers and fan controls
Connections overview

**Load connections**

- **Incandescent/Halogen**
- **Magnetic Low-Voltage**
- **Electronic Low-Voltage**
- **Fluorescent Lighting**
- **Dimmable CFL**
- **LED**
- **Ceiling Fan**
- **Ceiling Fan/Light**

- **eco-dim® Dimmer**
- **MLV Transformer (by others)**
- **ELV Transformer (by others)**
- **Lutron® Dimming Ballasts**
- **Lutron Hi-lume® LED Driver**

**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**

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.
### Dimmer model numbers

#### Incandescent/halogen dimmers

**Dimmers with on/off switch**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-600P-CC³</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>S-10P-CC³</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
<tr>
<td>S-603P-CC³</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>S-103P-CC³</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
</tbody>
</table>

**eco-dim® dimmer with on/off switch**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-603PG-EE²</td>
<td>120 V</td>
<td>600 W</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-600PNL-CC³</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>S-10PNL-CC³</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
<tr>
<td>S-603PNL-CC³</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>S-103PNL-CC³</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
</tbody>
</table>

#### Slide-to-off dimmers

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-600-CC³</td>
<td>120 V</td>
<td>600 W</td>
</tr>
<tr>
<td>S-1000-CC³</td>
<td>120 V</td>
<td>1000 W</td>
</tr>
</tbody>
</table>

For dual slide-to-off dimmers (two loads), see page 111.

### Magnetic low-voltage dimmers

**Dimmers with on/off switch**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>VA (450 W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLV-600P-CC³</td>
<td>120 V</td>
<td>600 VA</td>
</tr>
<tr>
<td>SLV-603P-CC³</td>
<td>120 V</td>
<td>600 VA</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SELV-300P-CC³</td>
<td>120 V</td>
<td>300 W</td>
</tr>
<tr>
<td>SELV-303P-CC³</td>
<td>120 V</td>
<td>300 W</td>
</tr>
</tbody>
</table>

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

---

**CC³**: Gloss color codes, see pg. 105  
**EE²**: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)  
(Wallplates not included, order separately, see pg. 160)

---

All models must be derated if ganged unless otherwise noted, see pg. 170.

*Requires neutral wire connection.*
Dimmer model numbers

**3-wire fluorescent dimmers**

Dimmers with on/off switch

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SF-10P-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 8 A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SF-12P-277-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>277 V 6 A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way</th>
<th>SF-103P-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 8 A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way</th>
<th>SF-12P-277-3-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>277 V 6 A</td>
<td></td>
</tr>
</tbody>
</table>

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts.

No derating required if ganged.

Adjustable low-end trim.

**Hi-lume® LED drivers: 3-wire fluorescent dimmers**

Dimmers with on/off switch

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SF-10P-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 8 A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SF-12P-277-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>277 V 6 A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way</th>
<th>SF-103P-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 8 A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-way</th>
<th>SF-12P-277-3-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>277 V 6 A</td>
<td></td>
</tr>
</tbody>
</table>

For use with Hi-lume LED driver only.

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

No derating required if ganged.

Adjustable low-end trim.

---

**CC³**: Gloss color codes, see pg. 105
(Wallplates not included, order separately, see pg. 160)

---

**Tu-Wire® fluorescent dimmers**

Dimmers with on/off switch

<table>
<thead>
<tr>
<th>3-way/single-pole</th>
<th>SFTU-5A3P-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 5 A</td>
<td></td>
</tr>
</tbody>
</table>

Also compatible with Advance Mark X 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.

---

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. 170.

*Requires neutral wire connection.
**Fan control model numbers**

**Fan controls**

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

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SFSQ-F-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 1.5 A</td>
<td></td>
</tr>
</tbody>
</table>

Single-pole  
120 V 2.0 A

For use with only one ceiling paddle fan.  
SFSQ-F-HO- for use with Hunter Original Series.

Slide-to-off fan control—fully variable

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SFS-5E-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 5 A</td>
<td></td>
</tr>
</tbody>
</table>

For use with multiple ceiling paddle fans or exhaust fans.

**Fan/light controls**

Fan control—quiet 3-speed and dimmer

<table>
<thead>
<tr>
<th>Single-pole fan control</th>
<th>S2-LFSQ-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 1.5 A (left)</td>
<td></td>
</tr>
</tbody>
</table>

120 V single-pole dimmer 300 W (right)

For use with only one ceiling paddle fan.

Fan control—fully variable and dimmer

<table>
<thead>
<tr>
<th>Single-pole fan control</th>
<th>S2-LF-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 2.5 A (left)</td>
<td></td>
</tr>
</tbody>
</table>

120 V single-pole dimmer 300 W (right)

For use with multiple ceiling paddle fans.

**Fan control/light switch**

Fan control—quiet 3-speed and switch

<table>
<thead>
<tr>
<th>Single-pole fan control</th>
<th>SFSQ-LF-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 1.5 A (top)</td>
<td></td>
</tr>
</tbody>
</table>

120 V single-pole switch 360 W (bottom)  
(incandescent/halogen loads only)

---

CC³: Gloss color codes, see pg. 105  
(Wallplates not included, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170.

*Requires neutral wire connection.
## Dual device model numbers

### Incandescent/halogen and Incandescent/halogen dimmers

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

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>S2-L CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 300 W light (left)</td>
<td>incandescent/halogen</td>
</tr>
<tr>
<td>120 V 300 W light (right)</td>
<td>incandescent/halogen</td>
</tr>
</tbody>
</table>

## Replacement knob model numbers

### Knobs

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>SK-EE²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard knob</td>
<td></td>
</tr>
</tbody>
</table>

| Split knobs | contact customer service |

---

CC³: Gloss color codes, see pg. 105
(Wallplates not included, order separately, see pg. 160)

EE²: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)

**All models must be derated if ganged unless otherwise noted, see pg. 170.**
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. 160.

Coordinated electrical devices

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack

For more information about coordinated Designer electrical devices, see pg. 163.
Product family features

• True multi-location dimming from every location
• Light fades on/off to preset level
• Delayed off provides light as you exit the room
• Line frequency compensation maintains stable light levels, despite power line frequency and voltage variations
• LEDs indicate light level and glow softly in the dark as a locator light
• Advanced programming allows customized functions
• 100% factory tested
• Coordinating Fassada® and Stainless Steel wallplates only available separately
• Custom engraving available for wallplates, see pg. 155

Control types

- Single-pole (one location)
- Multi-location (up to ten locations)

Direct load type compatibility

- Incandescent/halogen lighting
- Magnetic low-voltage lighting

Lighting load interfaces are not compatible with this family.
Available finishes

Use **BOLD** color code in model number  (Example: AB-600M-*LA*)

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. 166.

Stainless Steel wallplate includes black plastic trim/adapter, visible from side. Match with separate Black (BL) controls.
Abella® dimmers and switches

Dimmers and companion dimmers

Digital fade dimmers
- Press on to favorite level; press off
- Press twice for full on
- Press, hold and release for gradual fade-to-off
- Touch buttons to adjust light level
- Advanced programming options available

Companion dimmers
- For use with multi-location dimmers only—use up to nine companion dimmers with one Abella multi-location dimmer
- Provides true dimming from every location

Switches and companion switches

Digital switches
- Large, easy-to-use, one-touch button turns light on/off
- LED indicates on/off

Companion switches
- Large, easy-to-use, one-touch button turns light on/off
- For use with multi-location switches only—use up to nine companion switches with one Abella® multi-location switch

Advanced programming features include:
- Adjusting fade on/fade off time.
- Locked preset lighting level.

Abella advanced programming manual (Application Note #212) is available, visit www.lutron.com/applicationnotes.
Connections overview

**Load connections**

Incandescent/Halogen  \[\xrightarrow{\text{MLV Transformer (by others)}}\]  Magnetic Low-Voltage  \[\xleftarrow{\text{Incandescent/Halogen Dimmer}}\]  Switched Lighting/Fans  \[\xleftarrow{\text{MLV Dimmer}}\]  Switched Lighting/Fans  \[\xrightarrow{\text{Switch}}\]  Incandescent/Halogen Dimmer

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

Dim from multiple-locations (up to 10)

Light Source  \[\xrightarrow{\text{Multi-Location Dimmer}}\]  Multi-Location Dimmer  \[\xrightarrow{\text{Up to 9 Companion Dimmers}}\]  Up to 9 Companion Dimmers

Switch from multiple-locations (up to 10)

Light Source  \[\xrightarrow{\text{Multi-Location Switch}}\]  Multi-Location Switch  \[\xrightarrow{\text{Up to 9 Companion Switches}}\]  Up to 9 Companion Switches

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

#### Incandescent/halogen dimmers**

<table>
<thead>
<tr>
<th>Digital fade dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>AB-600M-CC³</td>
</tr>
<tr>
<td>120 V  600 W</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole</td>
<td>AB-1000M-CC³</td>
</tr>
<tr>
<td>120 V  1000 W</td>
<td></td>
</tr>
</tbody>
</table>

#### Magnetic low-voltage dimmers**

<table>
<thead>
<tr>
<th>Digital fade dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>ABLV-600M-CC³</td>
</tr>
<tr>
<td>120 V  600 VA (450 W)</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole</td>
<td>ABLV-1000M-CC³</td>
</tr>
<tr>
<td>120 V  1000 VA (800 W)</td>
<td></td>
</tr>
</tbody>
</table>

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.

### Switch and companion control model numbers

#### Switches

<table>
<thead>
<tr>
<th>Digital switch*</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>AB-S6AM-CC³</td>
</tr>
<tr>
<td>120 V  6 A light  3 A fan</td>
<td></td>
</tr>
</tbody>
</table>

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

#### Companion controls

<table>
<thead>
<tr>
<th>Companion dimmer</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V</td>
<td>AB-AD-CC³</td>
</tr>
</tbody>
</table>

No derating required if ganged.

<table>
<thead>
<tr>
<th>Companion switch</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V</td>
<td>AB-AS-CC³</td>
</tr>
</tbody>
</table>

No derating required if ganged.

---

**CC³**: Gloss color codes, see pg. 115
(Wallplates not included, order separately, see pg. 168)

*Requires neutral wire connection.
**Minimum load is 40 W/VA.
Accessories

Wallplates

4.67 in (119 mm)

Shown actual size: 2-gang Fassada® wallplate in White (WH).
For more information about Traditional wallplates, see pg. 166.

Coordinated electrical devices

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack

For more information about coordinated Designer electrical devices, see pg. 163.
Product family features

- Distinctive design enhances any décor
- Large, curved button is easy to use
- Button and slider glow—easy to find in the dark
- The locator light is best visible on the lighter colors
- 100% factory tested
- Coordinating Fassada and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

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

Lighting load interfaces are not compatible with this family.

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

Use BOLD color code in model number (Example: CN-600P-AL)

Gloss finishes*

<table>
<thead>
<tr>
<th>Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>WH</td>
<td>White</td>
</tr>
<tr>
<td>LA</td>
<td>Light Almond</td>
</tr>
<tr>
<td>AL</td>
<td>Almond</td>
</tr>
<tr>
<td>IV</td>
<td>Ivory</td>
</tr>
<tr>
<td>BL</td>
<td>Black</td>
</tr>
<tr>
<td>SS</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

Dimmers and switches

Dimmers

- Push button turns lights on/off
- Move slider up to brighten; down to dim
- Includes locator light

*Coordinating wallplates only available separately. For wallplate information, see pg. 166.

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

**Load connections**

- **Incandescent/Halogen Dimmers**
- **Preset Dimmers**
- **Single-pole CN-600P-CC3**
  - 120 V  600 W
- **Single-pole CN-10P-CC3**
  - 120 V  1000 W
- **3-way CN-603P-CC3**
  - 120 V  600 W
- **3-way CN-103P-CC3**
  - 120 V  1000 W

**Magnetic Low-Voltage Dimmers**

- **Preset Dimmers**
  - **Single-pole CNLV-600P-CC3**
    - 120 V  600 VA (450 W)
  - **3-way CNLV-603P-CC3**
    - 120 V  600 VA (450 W)

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.

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

- Dim from one location, switch from others

**Dimmer and switch model numbers**

- **Incandescent/halogen dimmers**
  - **Preset dimmers**
    - **Single-pole CN-600P-CC3**
    - **Single-pole CN-10P-CC3**
    - **3-way CN-603P-CC3**
    - **3-way CN-103P-CC3**

- **Magnetic low-voltage dimmers**
  - **Preset dimmers**
    - **Single-pole CNLV-600P-CC3**
      - 120 V  600 VA (450 W)
    - **3-way CNLV-603P-CC3**
      - 120 V  600 VA (450 W)

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

CC³: Gloss color codes, see pg. 121
(Wallplates not included, order separately, see pg. 168)

All models must be derated if ganged unless otherwise noted, see pg. 170.
Accessories

Wallplates

Shown actual size: 2-gang Fassada® wallplate in White (WH).
For more information about Traditional wallplates, see pg. 166.

Coordinated electrical devices

For more information about coordinated Designer electrical devices, see pg. 163.

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack
**Product family features**
- Matches existing switches
- Toggle-style switch turns light on to level set by slider
- Slide adjusts light to your favorite level
- eco-dim® model available
- 1000W preset dimmers have voltage compensation which maintains stable light levels, despite line voltage variations
- 100% factory tested
- Coordinating Fassada® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

**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
- 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. 174.
Available finishes

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

Gloss finishes*

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

**SS** Stainless Steel

---

*Coordinating wallplates only available separately. For wallplate information, see pg. 166.

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

- Toggle turns on/off
- Slide up to brighten; down to dim
- *eco-dim®* model guarantees at least 15% energy savings compared to a standard switch

**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 and fan/light controls**

**Fan controls**

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

**Fan/light controls**

**Fan control** (left)

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

**Dimmer** (right)

- Toggle turns light on/off
- Slide up to brighten; down to dim
Connections overview

**Load connections**

- Incandescent/Halogen
- Magnetic Low-Voltage Lighting
- Fluorescent Lighting
- LED
- Ceiling Fan
- Ceiling Fan/Light

- MLV Transformer (by others)
- eco-dim® Dimmer
- Incandescent/Halogen Dimmer
- MLV Dimmer
- Fluorescent Dimmer
- Fluorescent Dimmer (3-wire only)
- Lutron Hi-lume® LED Driver
- Fan Control
- Fan/Light Control

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

Dim from one location, switch from the others

- Light Source
- 3-way Dimmer
- 3-way Switch
- 3-way Dimmer
- 3-way Switch (1 or more)

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.*
### Dimmer model numbers

#### Incandescent/halogen dimmers

<table>
<thead>
<tr>
<th>Preset dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>AY-600P-CC³</td>
</tr>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
<tr>
<td>Single-pole</td>
<td>AY-10P-CC³</td>
</tr>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
<tr>
<td>3-way</td>
<td>AY-603P-CC³</td>
</tr>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
<tr>
<td>3-way</td>
<td>AY-103P-CC³</td>
</tr>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
</tbody>
</table>

#### Preset dimmers with locator light

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>AY-600PNL-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
<tr>
<td>1000 W</td>
<td></td>
</tr>
<tr>
<td>3-way</td>
<td>AY-603PNL-CC³</td>
</tr>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
<tr>
<td>3-way</td>
<td>AY-103PNL-CC³</td>
</tr>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
</tbody>
</table>

#### eco-dim® preset dimmer

<table>
<thead>
<tr>
<th>3-way/single-pole</th>
<th>AY-603PG-EE²</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W</td>
<td></td>
</tr>
</tbody>
</table>

*eco-dim model guarantees at least 15% energy savings compared to a standard switch.*

#### Magnetic low-voltage dimmers

<table>
<thead>
<tr>
<th>Preset dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>AYLV-600P-CC³</td>
</tr>
<tr>
<td>120 V 600 VA (450 W)</td>
<td></td>
</tr>
<tr>
<td>3-way</td>
<td>AYLV-603P-CC³</td>
</tr>
<tr>
<td>120 V 600 VA (450 W)</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>CC³: Gloss color codes, see pg. 125</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE²: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)</td>
</tr>
<tr>
<td>(Wallplates not included, order separately, see pg. 168)</td>
</tr>
</tbody>
</table>

### Dimmer, fan and fan/light control model numbers

#### 3-wire fluorescent dimmers

<table>
<thead>
<tr>
<th>Preset dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>AYF-103P-CC³</td>
</tr>
<tr>
<td>120 V 8 A</td>
<td></td>
</tr>
<tr>
<td>3-way/pole</td>
<td></td>
</tr>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
</tbody>
</table>

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts.

Also compatible with Hi-lume® LED driver.

*No derating required if ganged.*

Adjustable low-end trim.

#### Hi-lume® LED drivers: 3-wire fluorescent dimmers

<table>
<thead>
<tr>
<th>Preset dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>AYF-103P-CC³</td>
</tr>
<tr>
<td>120 V 8 A</td>
<td></td>
</tr>
<tr>
<td>3-way/pole</td>
<td></td>
</tr>
<tr>
<td>120 V 1000 W</td>
<td></td>
</tr>
</tbody>
</table>

For use with Hi-lume LED driver only.

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

*No derating required if ganged.*

Adjustable low-end trim.

#### Fan control

<table>
<thead>
<tr>
<th>Preset dimmers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>AYFSQ-F-CC³</td>
</tr>
<tr>
<td>120 V 1.5 A</td>
<td></td>
</tr>
</tbody>
</table>

#### Fan/light control

<table>
<thead>
<tr>
<th>Fan control and dimmer — quiet 3-speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole fan control</td>
</tr>
<tr>
<td>120 V 1.5 A (left)</td>
</tr>
</tbody>
</table>

Single-pole dimmer 120 V 300 W incandescent/halogen (right)

All models must be derated if ganged unless otherwise noted, see pg. 170.

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

*Requires neutral wire connection.*
Accessories

Wallplates

4.67 in (119 mm)

Shown actual size: 2-gang Fassada® wallplate in White (WH).
For more information about Traditional wallplates, see pg. 166.

Coordinated electrical devices

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack

For more information about coordinated Designer electrical devices, see pg. 163.
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. 155

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.

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

Glyder® dimmers and fan controls
**Available finishes**

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

Gloss finishes

- **WH** White
- **IV** Ivory

**Dimmers and fan controls**

**Dimmers with on/off switch**

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

**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

**Slide-to-off dimmers**

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

---

*Coordinating wallplates only available separately. For wallplate information, see pg. 166.
Connections overview

Load connections*

- Incandescent/Halogen Dimmer
- Magnetic Low-Voltage Transformer (by others)
- Ceiling Fan

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

- Light Source
- 3-way Dimmer
- 3-way Switch
- MLV Dimmer
- Fan Control

Dimmer, fan control and replacement knob model numbers

**Incandescent/halogen dimmers**

Dimmers with on/off switch

- Single-pole GL-600P-CC³
  - 120V 600W
- Single-pole GL-10P-CC³
  - 120V 1000W
- 3-way GL-603P-CC³
  - 120V 600W
- 3-way GL-103P-CC³
  - 120V 1000W

**Slide-to-off dimmers**

- Single-pole GL-600-CC³
  - 120V 600W
- Single-pole GL-1000-CC³
  - 120V 1000W

**Magnetic low-voltage dimmers**

Slide-to-off dimmer

- Single-pole GLV-600-CC³
  - 120V 600VA (450 W)

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.

**Fan control**

Slide-to-off fan control—fully variable

- Single-pole fan control GFS-5E-CC³
  - 120V 5A

**Knobs**

- Slide-to-off GK-CC³
- Preset GKP-CC³

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

CC³: Gloss White (WH) and Ivory (IV), see pg. 131 (Wallplates not included, order separately, see pg. 168)

All models must be derated if ganged unless otherwise noted, see pg. 170.
Accessories

Wallplates

4.67 in (119 mm)

Shown actual size:
2-gang Fassada®
wallplate in White (WH).
For more information
about Traditional wallplates,
see pg. 166.

Coordinated electrical devices

Tamper resistant
GFCI receptacle

Customizable
6-port frame

Cable jack

For more information
about coordinated
Designer electrical
devices, see pg. 163.
Product family features

- The original electronic dimmer—first patented in 1959
- Easy-turn knob adjusts light to your favorite level
- eco-dime® model available
- 100% factory tested
- Coordinating Fassada® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

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.

Shown actual size: Rotary dimmer and 1-gang Fassada wallplate in White (WH).
Dimmers and fan controls

**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 compared to a standard switch

**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 available for use with multiple paddle or exhaust fans

*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. 166.*
**Incandescent/halogen dimmers**

- Dimmers with push on/off knob
  - Single-pole: D-600P-CC³
    - 120V 600W
  - 3-way: D-603P-CC³
    - 120V 600W

- Dimmers with push on/off knob and locator light
  - Single-pole: DNG-600P-CC³
    - 120V 600W
  - 3-way: DNG-603P-CC³
    - 120V 600W

- Dimmer with rotate on/off knob
  - Single-pole: D-600R-CC³
    - 120V 600W

- Eco-dim® dimmer with push on/off knob
  - 3-way/single-pole: D-603PG-CC³
    - 120V 600W

Eco-dim model guarantees at least 15% energy savings compared to a standard switch.

**Fan controls**

- Fan controls with rotate on/off knob—fully variable
  - Single-pole fan control
    - Factory set minimum speed
      - FS-5F-CC³
      - 120V 5A
  - Single-pole fan control
    - User adjustable minimum speed
      - FS-5E-CC³
      - 120V 5A

- Fan control with rotate on/off knob—quiet 3-speed
  - Single-pole
    - FSQ-2F-CC³
    - 120V 1.5A

**Knobs**

- Standard knob: RK-CC³

- 3-speed fan control knob, White: 280-324-01
- 3-speed fan control knob, Ivory: 280-324-06
Accessories

Wallplates

4.67 in (119 mm)

Shown actual size: 2-gang Fassada® wallplate in White (WH).
For more information about Traditional wallplates, see pg. 166.

Coordinated electrical devices

For more information about coordinated Designer electrical devices, see pg. 163.

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack
Product family features

- Convenient full range dimmers for table and floor lamps
- Use a standard light bulb instead of costly 3-level bulbs
- C-LEDS™ dimmers offer more reliable dimming performance over standard dimmers when dimming CFLs and LED. They also provide full range dimming for incandescent and halogen bulbs as well as mixed loads types.
- LED glows softly as a locator light (optional feature)
- Place Credenza dimmer on tabletop or connect the Attaché dimmer to the lamp cord
- For detailed information, see Application Notes #91 (Guide to Dimming Table Lamps) by visiting 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)

Available finishes

Use BOLD color code in model number
(Example: TT-300NLH-BR)

Gloss finishes

<table>
<thead>
<tr>
<th>Finish</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>WH</td>
</tr>
<tr>
<td>Brown</td>
<td>BR</td>
</tr>
<tr>
<td>Black</td>
<td>BL</td>
</tr>
</tbody>
</table>

Plug-in lamp dimmers are also available for:

Maestro Wireless®
See pg. 70

Spacer System® IR
See pg. 78

Shown actual size: Credenza lamp dimmer in White (WH).
Credenza lamp dimmer dimensions are 1.5 in (38 mm) x 3.10 in (79 mm).

www.lutron.com | 1.800.523.9466 | LUTRON.
Lamp dimmers

### Credenza plug-in lamp dimmer with locator light
- Slide up to on/brighten; down to dim/off
- Includes red LED locator light
- Requires no wiring or tools

#### Incandescent/halogen
- Single-pole TT-300NLH-EE⁵ 300 W

#### Dimmable CFL/LED bulbs (screw-base)
- Single-pole TTCL-100H-EE⁵ 100 W

### Attaché 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
- Single-pole LC-300NLH-EE⁸ 300 W

#### Incandescent/halogen
- Single-pole LC-300H-WH 300 W

#### Dimmable CFL/LED bulbs (screw-base)
- Single-pole TTCL-100H-EE⁵ 100 W

Mix and match load types control up to 100 W per dimmer.

### EE⁵:
- Available in White (WH), Brown (BR) and Black (BL)

### EE⁸:
- Available in White (WH), Brown (BR)
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 the space or 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
- 120/277 VAC dual voltage operation
- Vacancy models meet California Title 24 Section 119(j) requirements
- Sensor must have unobstructed view and line-of-sight to room occupants
- Passive infrared motion detection with dependable Lutron XCT™ technology for fine motion detection
- 180° sensor field-of-view
- 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
- Coordinating Claro®, Satin Colors® and Stainless Steel wallplates only available separately
- Engraving and custom colors available, for additional information, see pg. 155

**Control types**
- Single-pole (one location)
- Multi-location (up to ten locations)

**Direct load type compatibility**
- Incandescent/halogen lighting

---

**Also available**

LOS wall occupancy sensors

**Product family features**
- The LOS-S series of sensors offer a direct and quick replacement of wall switches for standalone line voltage switching of small spaces
- Heavy-duty models available
- No power pack required
- LED test indicator
- For additional information, see pg. 143
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. 160.

Stainless Steel wallplate includes black plastic trim/adapter, visible from side. Match with separate Black (BL) or Midnight (MN) controls.
Maestro dimmers and switches with sensors

Dimmers with occupancy/vacancy sensor

- 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 light turns off
- High-low sensitivity adjustment
- Standard Maestro dimmer features: locked preset, fade-to-on and fade-to-off
- Works with up to nine companion dimmers (MA-R)
- Dual 120/277 V operation

Switches with occupancy/vacancy sensor

- 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
- Works with up to nine companion switches (MA-AS-)

Dimmer model numbers

- **Incandescent/halogen**
  - Digital fade dimmer with occupancy/vacancy sensor
    - Multi-location/single-pole MS-OP600M-CC1
      - 120 V  600 W
  - Digital fade dimmer with vacancy sensor
    - Multi-location/single-pole MS-VP600M-CC1
      - 120 V  600 W

Switch model numbers

- **Switches**
  - Switch with occupancy/vacancy sensor*
    - Multi-location/single-pole MS-OPS5AM-CC1
      - 120 V  5 A lighting
  - Dual voltage switch with occupancy/vacancy sensor
    - Multi-location/single-pole MS-OPS6M-DV-CC1
      - 120 V or 277 V  6 A lighting
      - 1/10 HP @ 120 V  3 A fan
  - Switch with vacancy sensor*
    - Multi-location/single-pole MS-VPS5AM-CC1
      - 120 V  5 A lighting
  - Dual voltage switch with vacancy sensor
    - Multi-location/single-pole MS-VPS6M-DV-CC1
      - 120 V or 277 V  6 A lighting
      - 1/10 HP @ 120 V  3 A fan

**CC**: Gloss and Satin color codes, see pg. 141 (Wallplates not included, order separately, see pg. 160)

All models must be derated if ganged unless otherwise noted, see pg. 170. For more information on occupancy/vacancy sensors, visit [www.lutron.com/occsensors](http://www.lutron.com/occsensors).

*Requires neutral wire connection.

**Minimum load is 40 W/VA.
LOS switches with sensors

**Passive infrared heavy-duty**

- Dual 120/277 V operation
- Integral adjustable light level sensor
- No minimum load requirement
- 180° field of view
- Adjustable time delay
- Available in White (WH)

**Passive Infrared two circuit heavy-duty**

- Dual 120/277 V operation
- Integral adjustable light level sensor
- No minimum load requirement
- 180° field of view
- Adjustable time delay
- Available in White (WH)

Passive infrared manual-on residential

<table>
<thead>
<tr>
<th>120/277 V</th>
<th>LOS-SIR-HD-WH</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD model has heavy-duty lens to prevent damage.</td>
<td></td>
</tr>
</tbody>
</table>

Passive infrared

<table>
<thead>
<tr>
<th>120/277 V</th>
<th>LOS-S2IR-HD-WH</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2IR-HD model has dual-level switching, allowing for two primary input circuits, each with independent switching.</td>
<td></td>
</tr>
</tbody>
</table>

EE9: Available in White (WH) and Ivory (IV)

*Product requires ground connection.
Product family features

- Designed for conference rooms, copy rooms, small offices, classrooms, break rooms, restrooms and other spaces where automatic lighting shut-off is desirable
- Uses Lutron’s Clear Connect™ Radio Frequency (RF) Technology which provides reliable wireless RF communication
- Dependable Lutron XCT™ Technology for fine motion detection
- Eliminates power pack and wiring expense
- Wall controls remain fully operable during automatic shut-off by sensor
- Vacancy models meet California Title 24 Section 119(j) requirements
- Use up to three sensors per each compatible dimmer/switch for maximum coverage
- One sensor can control up to 10 compatible dimmers/switches for spaces with additional zones of light
- Coverage varies depending on ceiling height, sensors designed for 8–12 ft (2.4–3.7 m) ceilings
- Timeout Options include 5 minutes, 15 minutes and 30 minutes
- Battery included (10 year battery life)
- No wiring required

Shown actual size: Radio Powr Savr wireless occupancy/vacancy sensor in White (WH).

Works with:

Maestro Wireless® dimmers
See pg. 70

Maestro Wireless switches
See pg. 70

Maestro Wireless lamp dimmers
See pg. 70

Plug-in Wireless dimming and appliance modules
See pg. 70
Available finishes

Use **BOLD** color code in model number  (Example: LRF2-OCRB-P-**LA**)

Matte finishes

<table>
<thead>
<tr>
<th>Finishes</th>
<th>WH</th>
<th>LA</th>
<th>BL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>White</td>
<td>Light Almond</td>
<td>Black</td>
</tr>
</tbody>
</table>

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
- Complies with California Title 24 requirements
- 360° field of view

Sensor model number

Occupancy/vacancy sensor  LRF2-OCRB-P-EE³
Light Almond (LA) and Black (BL) have four week lead time.

Vacancy sensor  LRF2-VCRB-P-EE³
Light Almond (LA) and Black (BL) have four week lead time.

Wireless occupancy/vacancy sensor coverage range

<table>
<thead>
<tr>
<th>Ceiling height</th>
<th>Maximum room dimensions for complete floor coverage</th>
<th>Square feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 ft (2.4 m)</td>
<td>18 x 18 ft (5.5 x 5.5 m)</td>
<td>324 ft² (30.2 m²)</td>
</tr>
<tr>
<td>9 ft (2.7 m)</td>
<td>20 x 20 ft (6.1 x 6.1 m)</td>
<td>400 ft² (37.2 m²)</td>
</tr>
<tr>
<td>10 ft (3.0 m)</td>
<td>22 x 22 ft (6.7 x 6.7 m)</td>
<td>484 ft² (44.9 m²)</td>
</tr>
<tr>
<td>12 ft (3.7 m)</td>
<td>26 x 26 ft (7.9 x 7.9 m)</td>
<td>676 ft² (62.4 m²)</td>
</tr>
</tbody>
</table>

For larger spaces or additional coverage, use multiple sensors, up to three per dimmer/switch.
Works with:

- **Maestro Wireless® dimmers**
  - See pg. 70

- **Maestro Wireless switches**
  - See pg. 70

- **Maestro Wireless lamp dimmers**
  - See pg. 70

- **Plug-in Wireless dimming and appliance modules**
  - See pg. 70

---

**Product family features**

- Requires compatible receiving device (available separately)
- Uses Lutron’s Clear Connect™ Radio Frequency (RF) Technology which provides reliable wireless RF communication
- Three models available for different coverage patterns:
  - Wall-mount: 180° field-of-view
  - Corner-mount: 90° field-of-view
  - Hallway: Long, narrow field-of-view for deeper coverage
- Models available as occupancy/vacancy and vacancy only
- Eliminates power pack and wiring expense
- Vacancy models meet California Title 24 Section 119 (j) requirements
- Up to three sensors can be used for additional coverage
- Built-in test-mode and temporary mounting hardware (included) allows for optimum sensor placement and coverage
- Mounts within 60 ft (18 m) line-of-sight or 30 ft (9.1 m) through walls, of the receiving devices.
- Timeout options include: 1 minute, 5 minutes, 15 minutes and 30 minutes
- Battery included (10 year battery life)
Available finishes

Use BOLD color code in model number (Example: LRF2-OWLB-P-WH)

Matte finishes

WH
White

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
- Complies with California Title 24 requirements
- Wall-mount 180° field of view
- Corner-mount 90° field of view
- Hallway: Long, narrow field-of-view for deeper coverage

Sensor model number

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hallway mount</td>
<td>LRF2-OHLB-P-WH</td>
</tr>
<tr>
<td>Corner-mount</td>
<td>LRF2-OKLB-P-WH</td>
</tr>
<tr>
<td>Wall-mount</td>
<td>LRF2-OWLB-P-WH</td>
</tr>
</tbody>
</table>

Sensor model number

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hallway mount</td>
<td>LRF2-VHLB-P-WH</td>
</tr>
<tr>
<td>Corner-mount</td>
<td>LRF2-VKLB-P-WH</td>
</tr>
<tr>
<td>Wall-mount</td>
<td>LRF2-VWLB-P-WH</td>
</tr>
</tbody>
</table>

Wall/corner wireless occupancy/vacancy sensor coverage range

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Maximum room dimensions for complete floor coverage</th>
<th>Square feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall</td>
<td>50x 60 ft (15.2 x 18.3 m)</td>
<td>3000 ft² (278.7 m²)</td>
</tr>
<tr>
<td>Corner</td>
<td>50 x 50 ft (15.2 x 15.2 m)</td>
<td>2500 ft² (232.3 m²)</td>
</tr>
</tbody>
</table>

Hallway mount wireless occupancy/vacancy sensor coverage range

<table>
<thead>
<tr>
<th>Width of hall</th>
<th>Length of hall</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft (1.6 m) or less</td>
<td>50 ft (15.2 m)</td>
</tr>
<tr>
<td>8 ft (2.4 m)</td>
<td>100 ft (30.5 m)</td>
</tr>
<tr>
<td>10 ft (3.06 m) or more</td>
<td>150 ft (1.6 m)</td>
</tr>
</tbody>
</table>

For larger spaces or additional coverage, use multiple sensors, up to three per dimmer/switch.
Shown actual size: Radio Powr Savr wireless daylight sensor in White (WH).

**Product family features**

- Uses Lutron’s Clear Connect™ Radio Frequency (RF) Technology which provides reliable wireless RF communication
- When sufficient daylight is available, system will decrease or turn off electric light; when insufficient daylight is available, system will increase electric light
- A dimmer/switch can communicate with only one daylight sensor
- One sensor can control up to 10 dimmer-switches
- Available exclusively in White (WH)
- Battery included (10 year battery life)
- No wiring required

**Works with:**

- **Maestro Wireless® dimmers**
  See pg. 70
- **Maestro Wireless switches**
  See pg. 70
- **Plug-in Wireless dimming and appliance modules**
  See pg. 70
**Sensor placement**

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 1H–2H from windows, place sensor near windows facing into space.

**Location for average size areas**

Arrow points towards the area viewed by the sensor (towards windows).

**Location for narrow areas (corridors, private offices)**

Arrow points towards the area viewed by the sensor (away from window).

---

**Daylight sensor**

- **WH**: White

**Sensor model number**

Daylight sensor LRF2-DCRB-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 at 1.888.LUTRON1
- Matte finish wallplates can be custom colored to perfectly match a paint color number, swatch or sample

**Ganging and derating**

- New Architectural wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging), see pg. 170
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 172
Available finishes

Use **BOLD** color code in model number (Example: VTW-1-**GR**)

Architectural matte finishes

<table>
<thead>
<tr>
<th>Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>WH</td>
<td>White</td>
</tr>
<tr>
<td>LA</td>
<td>Light Almond</td>
</tr>
<tr>
<td>AL</td>
<td>Almond</td>
</tr>
<tr>
<td>BE</td>
<td>Beige</td>
</tr>
<tr>
<td>IV</td>
<td>Ivory</td>
</tr>
<tr>
<td>TP</td>
<td>Taupe</td>
</tr>
<tr>
<td>GR</td>
<td>Gray</td>
</tr>
<tr>
<td>SI</td>
<td>Sienna</td>
</tr>
<tr>
<td>BR</td>
<td>Brown</td>
</tr>
<tr>
<td>BL</td>
<td>Black</td>
</tr>
</tbody>
</table>

LED bar colors

<table>
<thead>
<tr>
<th>Code</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Blue</td>
</tr>
<tr>
<td>W</td>
<td>White</td>
</tr>
<tr>
<td>G</td>
<td>Green</td>
</tr>
</tbody>
</table>

Architectural metal finishes*

<table>
<thead>
<tr>
<th>Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>BN</td>
<td>Bright Nickel</td>
</tr>
<tr>
<td>BC</td>
<td>Bright Chrome</td>
</tr>
<tr>
<td>CLA</td>
<td>Clear Anodized Aluminum</td>
</tr>
<tr>
<td>SC</td>
<td>Satin Chrome</td>
</tr>
<tr>
<td>SN</td>
<td>Satin Nickel</td>
</tr>
<tr>
<td>QZ</td>
<td>Antique Bronze</td>
</tr>
<tr>
<td>BB</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>BRA</td>
<td>Brass Anodized Aluminum</td>
</tr>
<tr>
<td>SB</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>QB</td>
<td>Antique Brass</td>
</tr>
<tr>
<td>BLA</td>
<td>Black Anodized Aluminum</td>
</tr>
</tbody>
</table>

*Metal finish wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) controls and accessories.
Wallplates for Vierti® dimmers

<table>
<thead>
<tr>
<th>Model</th>
<th>W (in)</th>
<th>H (mm)</th>
<th>D (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang*VTW-1-</td>
<td>2.75 (70)</td>
<td>4.56 (116)</td>
<td>0.30 (7.6)</td>
</tr>
<tr>
<td>2-gang*VTW-2-</td>
<td>4.56 (116)</td>
<td>4.56 (116)</td>
<td>0.30 (7.6)</td>
</tr>
<tr>
<td>3-gang*VTW-3-</td>
<td>6.32 (161)</td>
<td>4.56 (116)</td>
<td>0.30 (7.6)</td>
</tr>
<tr>
<td>4-gang*VTW-4-</td>
<td>8.45 (215)</td>
<td>4.56 (116)</td>
<td>0.30 (7.6)</td>
</tr>
</tbody>
</table>

*Metal finish wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) controls.

Controls must have heat-sink fins broken for multi-gang installations. Multi-gang dimmer installations may require derating, see pg. 170.

AA¹: Architectural matte and Architectural metal color codes, see pg. 149
Custom Vierti wallplates**

Dimmer and designer receptacle

Left side Vierti/ right side receptacle*
VTW-VR-\textsuperscript{AA2}-CPW0944

Right side Vierti/ left side receptacle*
VTW-RV-\textsuperscript{AA2}-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.

LED bar color kits

- For easy replacement of new color LED bar and/or wallplate
- Wallplate included
- No tools required

Color kit* VT-CK-\textsuperscript{D-AA1}

5-gang and 6-gang wallplates:

5-gang VTW-5-\textsuperscript{AA2}-CPW0915
5-gang* VTW-5-\textsuperscript{AA3}
W: 9.978 in (253 mm); H: 4.56 in (116 mm);
D: .30 in (7.6 mm)

6-gang VTW-6-\textsuperscript{AA2}-CPW0916
6-gang* VTW-6-\textsuperscript{AA3}
W: 11.79 in (299 mm); H: 4.56 in (116 mm);
D: .30 in (7.6 mm)

---

\textsuperscript{AA1}: Architectural matte and Architectural metal color codes, see pg. 149
\textsuperscript{AA2}: Architectural matte color codes, see pg. 149
\textsuperscript{AA3}: Architectural metal color codes, see pg. 149
\textsuperscript{D}: LED bar color codes; Blue (B), White (W) and Green (G), see pg. 15

Multi-gang dimmer installations may require derating, see pg. 170.

*Metal finish wallplates include black plastic trim/adapter, 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 at 1.888.LUTRON1
- Matte finish wallplates can be custom colored to perfectly match a paint color number, swatch or sample

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. 170
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 173
- 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.
Available finishes

Use **BOLD** color code in model number  (Example: VWP-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/adapter, visible from side. Match with separate Black (BL) or Midnight (MN) controls.
Wallplates for Vareo® and Nova T® dimmers and architectural accessories

<table>
<thead>
<tr>
<th>Wallplate Type</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang for one switch or dimmer*</td>
<td>W: 2.75 in (70 mm); H: 4.56 in (116 mm); D: .30 in (7.6 mm)</td>
<td>VWP-1- AA1</td>
</tr>
<tr>
<td>2-gang*</td>
<td>W: 4.56 in (116 mm); H: 4.56 in (116 mm); D: .30 in (7.6 mm)</td>
<td>VWP-2R- AA2</td>
</tr>
<tr>
<td>1-gang for one accessory*</td>
<td>W: 2.75 in (70 mm); H: 4.56 in (116 mm); D: .30 in (7.6 mm)</td>
<td>VWP-R- AA1</td>
</tr>
<tr>
<td>3-gang*</td>
<td>W: 6.32 in (161 mm); H: 4.56 in (116 mm); D: .30 in (7.6 mm)</td>
<td>VWP-3- AA2</td>
</tr>
<tr>
<td>2-gang* for two dimmers or switches</td>
<td>W: 4.56 in (116 mm); H: 4.56 in (116 mm); D: .30 in (7.6 mm)</td>
<td>VWP-2- AA2</td>
</tr>
<tr>
<td>4-gang* for four switches or dimmers</td>
<td>W: 8.45 in (215 mm); H: 4.56 in (116 mm); D: .30 in (7.6 mm)</td>
<td>VWP-4- AA2</td>
</tr>
</tbody>
</table>

**AA1**: Architectural matte and Architectural metal color codes, see pg. 153

**AA2**: Architectural matte color codes, see pg. 153

For metal finishes, contact Customer Service at 1.800.LUTRON1.

Multi-gang dimmer installations may require derating, see pg. 170.

*Metal finish wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) controls.
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☆ controls (1500/2000W)
- Nova controls

For further information, visit 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.

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2-gang* VWP-2CR-AA2
for one dimmer or switch and one accessory
W: 4.56 in (116 mm); H: 4.56 in (116 mm);
D: .30 in (7.6 mm)

2-gang* VWP-2RC-AA2
for one accessory and one dimmer or switch
W: 4.56 in (116 mm); H: 4.56 in (116 mm);
D: .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.

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**AA2**: Architectural matte color codes, see pg. 153
For metal finishes, contact Customer Service at 1.800.LUTRON1.

---

Multi-gang dimmer installations may require derating, see pg. 170.

*Metal finish wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) controls.
Wallplates and accessories | Architectural

**Cable jack**
- F-style, 75-Ohm coaxial cable
- Includes 1-gang wallplate

Single cable jack* NT-CJ-AA²

**Telephone jack**
- 6-conductor jack, RJ11
- Includes 1-gang wallplate

Single telephone jack* NT-PJ-AA²

**Double and triple telephone jacks**
- 8-conductor jack, RJ45 category 5 phone jack
- Includes 1-gang wallplate

Double telephone jack† NT-PJ8X2-AA²
Triple telephone jack† NT-PJ8X3-AA²

**Telephone/cable jack**
- 8-conductor jack, RJ45 category 5 phone jack
- F-style, 75-Ohm coaxial cable jack
- Includes 1-gang wallplate

Telephone/cable jack† NT-PJ8CJ-AA²

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.

*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.
†Ivory, White, Beige and Taupe controls will ship with White coordinating jacks; Brown, Black, Gray and Metal finish controls will ship with Black coordinating jacks.

AA²: Architectural matte color codes, see pg. 153 (1-gang wallplate included)
Receptacles
- Includes 1-gang wallplate

Tamper resistant receptacles
15A, 125V* NTR-15-TR-A2
20A, 125V* NTR-20-TR-A2

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* NTR-15-GFTR-A2
20A, 125V* NTR-20-GFTR-A2

Isolated ground receptacles
- Receptacle is orange for easy ID and circuit delineation
- Wallplate will match color that is ordered
- Includes 1-gang wallplate

15A, 125V* NTR-15-IG-OR-A2
20A, 125V* NTR-20-IG-OR-A2

AA²: Architectural matte color codes, see pg. 153 (1-gang wallplate included)

*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.
### Wallplates and accessories | Architectural

#### Receptacles for dimming use

- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use
- 15 A model shown
- Includes 1-gang wallplate

**Duplex for dimming use**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>NTR-15-DFDU-\text{AA}^2</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>NTR-20-DFDU-\text{AA}^2</td>
</tr>
</tbody>
</table>

- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plugs for dimming use
- Bottom half is a general use receptacle and will fit standard duplex plugs
- 15 A model shown
- Includes 1-gang wallplate

**Split duplex (half for dimming use)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>NTR-15-HFDU-\text{AA}^2</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>NTR-20-HFDU-\text{AA}^2</td>
</tr>
</tbody>
</table>

#### Receptacles for dimming use

- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use
- 15 A model shown
- Includes 1-gang wallplate
- Tamper resistant shutter mechanism

**Dual dimming tamper resistant**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>NTR-15-DDTR-\text{AA}^2</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>NTR-20-DDTR-\text{AA}^2</td>
</tr>
</tbody>
</table>

#### Receptacles for dimming use

- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use
- 15 A model shown
- Includes 1-gang wallplate
- Tamper resistant shutter mechanism

**Half dimming tamper resistant**

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>NTR-15-HDTR-\text{AA}^2</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>NTR-20-HDTR-\text{AA}^2</td>
</tr>
</tbody>
</table>

\text{AA}^2: Architectural matte color codes, see pg. 153 (1-gang wallplate included)

*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.*
Replacement plugs for dimming (use with receptacles)

- This plug required for use with Lutron® receptacles for dimming use—plug will work in standard receptacle
- Easily replaces the existing plugs on lamps

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Plug Code</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>120/125 V</td>
<td>RP-FDU-10-WH</td>
<td>White</td>
</tr>
<tr>
<td>120/125 V</td>
<td>RP-FDU-10-BR</td>
<td>Brown</td>
</tr>
</tbody>
</table>

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

*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) only 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.

Connectors for 6-port frame

<table>
<thead>
<tr>
<th>Telephone/network jacks</th>
<th>8-conductor, RJ45 category 3</th>
<th>CON-1P-C3-EE⁴</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8-conductor, RJ45 category 5e</td>
<td>CON-1P-C5E-EE⁴</td>
</tr>
<tr>
<td></td>
<td>8-conductor, RJ45 category 6</td>
<td>CON-1P-C6-EE⁴</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fiber jacks</th>
<th>MT-RJ feed through</th>
<th>CON-1F-MTRJ-WH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SC simplex</td>
<td>CON-1F-SC-WH</td>
</tr>
<tr>
<td></td>
<td>LC non-flush mount</td>
<td>CON-1F-LC-WH</td>
</tr>
<tr>
<td></td>
<td>ST style</td>
<td>CON-1F-ST-WH</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cable jack</th>
<th>F-style, 75-Ohm coaxial cable</th>
<th>CON-1C-EE⁴</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>BNC jack</th>
<th>BNC connector, 50-Ohm</th>
<th>CON-1B-WH</th>
</tr>
</thead>
</table>

Connectors only for use with 6-port frame.

**AA²**: Architectural matte color codes, see pg. 153

**EE⁴**: Only available in White (WH) and Black (BL)

*Metal finishes are only available as separate wallplates. Match with separate Black (BL) controls and accessories.
Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Maestro®, Maestro IR®, Maestro Wireless®, Pico™ wireless control, Spacer System®, Diva®, Lyneo® Lx, Skylark®, Skylark Contour™
- 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 at 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. 170
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 172

Shown actual size: Maestro dimmers and 2-gang Claro wallplate in White (WH).
Available finishes

Use **BOLD** color code in model number (Example: SC-1-**PL**)

**Gloss finishes**

<table>
<thead>
<tr>
<th>WH</th>
<th>LA</th>
<th>AL</th>
<th>IV</th>
<th>GR</th>
<th>BR</th>
<th>BL</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Light Almond</td>
<td>Almond</td>
<td>Ivory</td>
<td>Gray</td>
<td>Brown</td>
<td>Black</td>
</tr>
</tbody>
</table>

**Satin finishes**

<table>
<thead>
<tr>
<th>SW</th>
<th>LS</th>
<th>BI</th>
<th>ES</th>
<th>PD</th>
<th>TP</th>
<th>ST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snow</td>
<td>Limestone</td>
<td>Biscuit</td>
<td>Eggshell</td>
<td>Palladium</td>
<td>Taupe</td>
<td>Stone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BG</th>
<th>PL</th>
<th>SG</th>
<th>TQ</th>
<th>GS</th>
<th>DS</th>
<th>GB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bluestone</td>
<td>Plum</td>
<td>Sea Glass</td>
<td>Turquoise</td>
<td>Goldstone</td>
<td>Desert Stone</td>
<td>Greenbriar</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MS</th>
<th>TC</th>
<th>SI</th>
<th>HT</th>
<th>MR</th>
<th>MN</th>
<th>SS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mocha Stone</td>
<td>Terracotta</td>
<td>Sienna</td>
<td>Hot</td>
<td>Merlot</td>
<td>Midnight</td>
<td>Stainless Steel*</td>
</tr>
</tbody>
</table>

*Stainless Steel finish wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.
**Wallplates for Maestro®, Maestro IR®, Maestro Wireless®, Pico™ wireless control, Spacer System®, Diva®, Lyneo® Lx, Skylark® and Skylark Contour™**

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Width</th>
<th>Height</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gang*</td>
<td>CW-1-CC² SC-1-CC⁴</td>
<td>2.94 in (75 mm)</td>
<td>4.69 in (119 mm)</td>
<td>.30 in (7.6 mm)</td>
</tr>
<tr>
<td>2-gang*</td>
<td>CW-2-CC² SC-2-CC⁴</td>
<td>4.75 in (121 mm)</td>
<td>4.69 in (119 mm)</td>
<td>.30 in (7.6 mm)</td>
</tr>
<tr>
<td>3-gang*</td>
<td>CW-3-CC² SC-3-CC⁴</td>
<td>6.56 in (167 mm)</td>
<td>4.69 in (119 mm)</td>
<td>.30 in (7.6 mm)</td>
</tr>
<tr>
<td>4-gang*</td>
<td>CW-4-CC² SC-4-CC⁴</td>
<td>8.37 in (213 mm)</td>
<td>4.69 in (119 mm)</td>
<td>.30 in (7.6 mm)</td>
</tr>
<tr>
<td>5-gang*</td>
<td>CW-5-CC² SC-5-CC⁴</td>
<td>10.18 in (259 mm)</td>
<td>4.69 in (119 mm)</td>
<td>.30 in (7.6 mm)</td>
</tr>
</tbody>
</table>

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.

**CC²**: Gloss and Stainless Steel color codes, see pg. 161

**CC⁴**: Satin color codes, see pg. 161

*Stainless Steel finish wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.*

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### Receptacles

**Cable jacks**
- F-style, 75-Ohm coaxial cable

**Telephone jacks**
- 6-conductor telephone jack, RJ11

**Single cable jack**
- CA-CJH-CC\(^3\)
- SC-CJ-CC\(^4\)

**6-gang**
- CW-6-CC\(^2\)
- SC-6-CC\(^4\)

W: 12.00 in (305 mm); H: 4.69 in (119 mm);
D: .30 in (7.6 mm)

**Tamper resistant receptacles**
- 15A, 125V* CARS-15-TR-CC\(^3\)
- SCRS-15-TR-CC\(^4\)
- 20A, 125V* SCRS-20-TR-CC\(^4\)

**Receptacles**
- 15A, 125V* CAR-15H-CC\(^3\)
- SCR-15-CC\(^4\)
- 20A, 125V* SCR-20-CC\(^4\)

**GFCI Receptacles**
- Press test button to confirm LED indicator status
- Press reset button to reset GFCI after circuit interruption

**Tamper resistant GFCI receptacles**
- 15A, 125V* GFCI CAR-15-GFTR-CC\(^3\)
- SCR-15-GFTR-CC\(^4\)
- 20A, 125V* GFCI SCR-20-GFTR-CC\(^4\)

---

**CC\(^2\):** Gloss and Stainless Steel color codes, see pg. 161

**CC\(^3\):** Gloss color codes, see pg. 161

**CC\(^4\):** Satin color codes, see pg. 161

*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.
### Receptacles for dimming use

**Duplex for dimming use**
- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>CAR-15-DFDU-CC²</td>
</tr>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>SCR-15-DFDU-CC⁴</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>CAR-20-DFDU-CC²</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>SCR-20-DFDU-CC⁴</td>
</tr>
</tbody>
</table>

**Split duplex (half for dimming use)**
- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plugs for dimming use
- Bottom half is a general use receptacle and will fit standard duplex plugs

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>CAR-15-HFDU-CC²</td>
</tr>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>SCR-15-HFDU-CC⁴</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>CAR-20-HFDU-CC²</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>SCR-20-HFDU-CC⁴</td>
</tr>
</tbody>
</table>

**Dual dimming tamper resistant**
- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use
- Tamper resistant shutter mechanism

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>CAR-15-DDTR-CC²</td>
</tr>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>SCR-15-DDTR-CC⁴</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>CAR-20-DDTR-CC²</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>SCR-20-DDTR-CC⁴</td>
</tr>
</tbody>
</table>

**Half dimming tamper resistant**
- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plugs for dimming use
- Tamper resistant shutter mechanism

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>CAR-15-HDTR-CC²</td>
</tr>
<tr>
<td>15 A</td>
<td>120/125 V*</td>
<td>SCR-15-HDTR-CC⁴</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>CAR-20-HDTR-CC²</td>
</tr>
<tr>
<td>20 A</td>
<td>120/125 V*</td>
<td>SCR-20-HDTR-CC⁴</td>
</tr>
</tbody>
</table>

CC²: Gloss color code and Stainless Steel, see pg. 161
CC⁴: Satin color codes, see pg. 161

*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.
Important notes

• If the hot and dimmed hot feeds to the split duplex HF DU 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 HF DU.

• 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 DF DU must be used.

• 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.

Replacement plug for dimming (use with receptacles on 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

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>120/125V</td>
<td>RP-FDU-10-WH</td>
</tr>
<tr>
<td>120/125V</td>
<td>RP-FDU-10-BR</td>
</tr>
</tbody>
</table>

UL/CSA/NOM regulatory approvals.

CC²: Gloss color code and Stainless Steel, see pg. 161
CC⁴: Satin color codes, see pg. 161

*Stainless Steel finish only available as separate wallplate. 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-CC³
SC-6PF-CC⁴

Connectors for 6-port frame

Telephone/network jacks

8-conductor, RJ45 category 3
CON-1P-C3-EE⁴

8-conductor, RJ45 category 5e
CON-1P-C5E-EE⁴

8-conductor, RJ45 category 6
CON-1P-C6-EE⁴

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-EE⁴

BNC jack

BNC connector, 50-Ohm
CON-1B-WH

Switches

- Paddle turns on/off
- Use with any 15 A load
- General purpose switching of all sources and motor loads
- No derating if ganged

General purpose switches (120/277 V)

<table>
<thead>
<tr>
<th>Single-pole 15 A*</th>
<th>CA-1PSH-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC-1PS-CC⁴</td>
<td></td>
</tr>
<tr>
<td>3-way 15 A*</td>
<td>CA-3PSH-CC³</td>
</tr>
<tr>
<td>SC-3PS-CC⁴</td>
<td></td>
</tr>
<tr>
<td>4-way 15 A*</td>
<td>CA-4PSH-CC³</td>
</tr>
<tr>
<td>SC-4PS-CC⁴</td>
<td></td>
</tr>
</tbody>
</table>

General purpose switch with locator light (120 V only)

<table>
<thead>
<tr>
<th>Single-pole 15 A*</th>
<th>CA-1PSNL-EE²</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC-1PSNL-EE¹⁰</td>
<td></td>
</tr>
<tr>
<td>3-way 15 A*</td>
<td>CA-3PSNL-EE²</td>
</tr>
<tr>
<td>SC-3PSNL-EE¹⁰</td>
<td></td>
</tr>
<tr>
<td>4-way 15 A*</td>
<td>CA-4PSNL-EE²</td>
</tr>
<tr>
<td>SC-4PSNL-EE¹⁰</td>
<td></td>
</tr>
</tbody>
</table>

**CC³:** Gloss color codes, see pg. 161
**CC⁴:** Satin color codes, see pg. 161
**EE²:** Only available in Almond (AL), Ivory (IV), Light Almond (LA) and White (WH)
**EE¹⁰:** Only available in White (WH) and Black (BL)
**EE⁴:** Available in Biscuit (BI), Eggshell (ES), Goldstone (GS), Limestone (LS), Sea Glass (SG) and Snow (SW)

*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.
**Product family features**

- Can be used in conjunction with the following dimmer(s) and switch(es): Abella®, Ceana®, 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 at 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. 170
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 172

Shown actual size: Abella dimmers in a 2-gang Fassada wallplate in White (WH).
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/adapter, visible from side. Match with separate Black (BL) controls.
Wallplates for Abella®, Ceana®, Ariadni®, Glyder® and Rotary

1-gang
Stainless Steel*
W: 2.86 in (73 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

2-gang
Stainless Steel*
W: 4.67 in (119 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

Combination opening

2-gang (1 traditional, 1 designer opening)
Stainless Steel*
W: 4.67 in (119 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 mm)

3-gang
Stainless Steel*
W: 6.48 in (165 mm); H: 4.60 in (117 mm);
D: .23 in (5.8 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.

Controls must have heat-sink fins broken for multi-gang installations. Removing this metal reduces the amount of heat that the control can dissipate, thus reducing the wattage capacity of the control. Please derate dimmers and switches as required.

Multi-gang dimmer installations may require derating, see pg. 170.

*Stainless Steel wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) controls.

CC3: Gloss color codes, see pg. 167
Appendix | Mounting

Mounting requirements for dimmers, switches, sensors and accessories

**Individual devices**
Individual dimmers, switches, wall sensors and accessories typically mount in standard 1-gang electrical boxes (fig. A).

**Standard ganging**
Multiple dimmers, switches, wall sensors and accessories typically mount in standard multi-gang electrical backboxes (fig. B–D) under standard multi-gang wallplates. Some devices may require derating or reduction in maximum capacity. For more information on standard ganging, see pg. 170.

**Custom Architectural ganging**
Architectural dimmers, switches and accessories may be ganged without derating (fig. E), but wider-than-standard electrical backboxes and customized wallplates may be required. For more information on custom Architectural ganging, see pg. 170.

**Light load power interfaces (pg. 178)**
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 6.3in. Interfaces project 1.2 in in front of box.

**Ceiling/wall mount sensors (pgs. 144 and 146)**
Wireless ceiling mount Radio Powr Savr™ sensors (fig. G) mount to brackets provided with sensor using adhesive strips or mounting hardware provided.
How to understand ganging and derating

**Standard ganging**

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

**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, pgs. 172–173

**Custom ganging for Architectural style controls**

For Architectural style dimmers and switches, it is possible to retain the maximum capacity of dimmers in multi-gang applications 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 for additional information

---

### Standard ganging for dimmers, switches and accessories

**New Architectural**

- Vierti®
- pg. 148

**Architectural**

- Vareo®
- Nova T®
- pg. 152

**Designer**

- Maestro®
- Maestro IR®
- Maestro Wireless®
- Spacer System®
- Diva®
- Lyneo® Lx
- Skylark®
- Skylark Contour™
- pg. 160

**Traditional**

- Abella®
- Ceana®
- Ariadni®
- Glyder®
- Rotary
- pg. 166

---

**Derating Table 1**

- pg. 172

**Derating Table 2**

- pg. 173

**Derating Table 1**

- pg. 172

**Derating Table 1**

- pg. 172
**Standard ganging and fins broken derating examples:**

- **One Nova T® dimmer**
  - No fins broken
  - Full capacity
  - Standard 1-gang backbox
  - Standard 1-gang architectural wallplate

- **Two Nova T® dimmers**
  - “Fins Broken” ganging
  - One fin broken*
  - Partial derating
  - Standard 2-gang backbox
  - Standard 2-gang architectural wallplate

- **Three Nova T® dimmers**
  - “Fins Broken” ganging
  - Inside: Two fins broken*
  - Full derating
  - Outside: One fin broken*
  - Partial derating
  - Standard 3-gang backbox
  - Standard 3-gang architectural wallplate

**Custom Architectural ganging example:**

- **Two Nova T® dimmers**
  - “No Fins Broken” ganging
  - No fins broken
  - Full capacity
  - Backbox with chase nipple
  - Custom architectural wallplate

---

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 | Vierti®
Designer | Maestro®, Maestro IR®, Maestro Wireless®, Spacer System®, Diva®, Lyneo® Lx, Skylark Contour™, Skylark®
Traditional | Abella®, Cea®a, Ariadni®, Glyder®, Rotary

<table>
<thead>
<tr>
<th></th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Incandescent</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimmers</td>
<td>600 W</td>
<td>500 W</td>
<td>400 W</td>
</tr>
<tr>
<td></td>
<td>1000 W</td>
<td>800 W</td>
<td>650 W</td>
</tr>
<tr>
<td>Dual dimmers</td>
<td>300 W</td>
<td>250 W</td>
<td>200 W</td>
</tr>
<tr>
<td></td>
<td>300 W</td>
<td>250 W</td>
<td>200 W</td>
</tr>
<tr>
<td><strong>Magnetic low-voltage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimmers</td>
<td>600 VA/450 W</td>
<td>500 VA/400 W</td>
<td>400 VA/300 W</td>
</tr>
<tr>
<td></td>
<td>1000 VA/800 W</td>
<td>800 VA/650 W</td>
<td>650 VA/500 W</td>
</tr>
<tr>
<td><strong>Electronic low-voltage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimmers</td>
<td>300 W</td>
<td>250 W</td>
<td>200 W</td>
</tr>
<tr>
<td></td>
<td>500 W</td>
<td>450 W</td>
<td>400 W</td>
</tr>
<tr>
<td></td>
<td>600 W</td>
<td>500 W</td>
<td>400 W</td>
</tr>
<tr>
<td><strong>Fluorescent</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vierti</td>
<td>60 ballasts/6 A</td>
<td>50 ballasts/5 A</td>
<td>35 ballasts/3.5 A</td>
</tr>
<tr>
<td>Maestro/Spacer System</td>
<td>20 ballasts/6 A</td>
<td>20 ballasts/5 A</td>
<td>20 ballasts/3.5 A</td>
</tr>
<tr>
<td>Diva, Skylark, Lyneo Lx and Ariadni</td>
<td>no derating</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
<td>Tu-Wire®: Spacer System, Diva, Skylark</td>
<td>5 A</td>
<td>4 A</td>
<td>3.3 A</td>
</tr>
<tr>
<td><strong>Fan controls</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quiet 7-speed</td>
<td>1.0 A/300 W</td>
<td>1.0 A/300 W</td>
<td>1.0 A/300 W</td>
</tr>
<tr>
<td>Quiet 3-speed</td>
<td>1.5 A</td>
<td>1.5 A</td>
<td>1.5 A</td>
</tr>
<tr>
<td>Fully variable</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td><strong>Fan/light controls</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quiet 7-speed</td>
<td>1.0 A/300 W</td>
<td>1.0 A/300 W</td>
<td>1.0 A/300 W</td>
</tr>
<tr>
<td>Quiet 3-speed</td>
<td>1.5 A/300 W</td>
<td>1.5 A/300 W</td>
<td>1.5 A/300 W</td>
</tr>
<tr>
<td></td>
<td>1.5 A/360 W</td>
<td>1.5 A/360 W</td>
<td>1.5 A/360 W</td>
</tr>
<tr>
<td>Fully variable</td>
<td>2.5 A/300 W</td>
<td>2.1 A/250 W</td>
<td>1.7 A/200 W</td>
</tr>
<tr>
<td><strong>Electronic switches</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Vierti</td>
<td>6 A/3 A</td>
<td>5 A/3 A</td>
<td>3.5 A/3 A</td>
</tr>
<tr>
<td>Maestro (light/fan)</td>
<td>8 A/3 A</td>
<td>6.5 A/3 A</td>
<td>5 A/3 A</td>
</tr>
<tr>
<td>Abella (light/fan)</td>
<td>6 A/3 A</td>
<td>5 A/3 A</td>
<td>3.5 A/3 A</td>
</tr>
</tbody>
</table>
## Derating Table 2

### Architectural | Vareo®, Nova T®

<table>
<thead>
<tr>
<th>Incandescent</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimmers</td>
<td>600W</td>
<td>500W</td>
<td>300W</td>
</tr>
<tr>
<td></td>
<td>1000W</td>
<td>900W</td>
<td>700W</td>
</tr>
<tr>
<td></td>
<td>1500W</td>
<td>1250W</td>
<td>1000W</td>
</tr>
<tr>
<td></td>
<td>1950W</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

### Magnetic low-voltage

| Dimmers | 600 VA/450 W | 500 VA/400 W | 300 VA/250 W |
|         | 1000 VA/800 W | 900 VA/750 W | 700 VA/500 W |
|         | 1500 VA/1200 W | 1250 VA/1000 W | 1000 VA/800 W |

### Electronic low-voltage

| Dimmers | 300 W | 300 W | 250 W |
|         | 600 W | 500 W | 400 W |

### Fluorescent

<table>
<thead>
<tr>
<th>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vareo</td>
</tr>
<tr>
<td>Nova T®</td>
</tr>
<tr>
<td>20 ballasts / 8 A</td>
</tr>
<tr>
<td>6 A</td>
</tr>
<tr>
<td>no derating</td>
</tr>
<tr>
<td>8 A</td>
</tr>
<tr>
<td>no derating</td>
</tr>
<tr>
<td>16 A</td>
</tr>
<tr>
<td>no derating</td>
</tr>
<tr>
<td>0-10 VDC control†</td>
</tr>
<tr>
<td>30 mA ballasts</td>
</tr>
<tr>
<td>no derating</td>
</tr>
<tr>
<td>Tu-Wire®</td>
</tr>
<tr>
<td>5 A</td>
</tr>
<tr>
<td>4 A</td>
</tr>
<tr>
<td>3.3 A</td>
</tr>
</tbody>
</table>

### Fan controls

| Quiet 3-speed 1.5 A | no derating | no derating |
| Fully variable 6 A  | 4.2 A       | 2.5 A       |
| Fully variable 12 A | 10 A        | 8.3 A       |

### Electronic tapswitches2

| VETS-1000- | 1000 W | 800 W | 650 W |
| VETS-1000-SL- | 1000 W | 900 W | 700 W |
| VETN-1000- | 1000 VA | 700 VA | 550 VA |

---

For further information on ganging Nova®, visit [www.lutron.com/customganging](http://www.lutron.com/customganging).

1 PowerPack required for line voltage switching.

2 VETS-R—Auxiliary electronic tapswitches do not require derating.
## Dimmer capabilities and interface requirements

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>Compatibility</th>
<th>Interface Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Incandescent/halogen 120 V</strong></td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<tr>
<td>600W</td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td>1000W</td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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</tr>
<tr>
<td>2000W</td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td><strong>Magnetic low-voltage 120 V</strong></td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td>600 VA (450 W)</td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td>1000 VA (800 W)</td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td>1500 VA (1200 W)</td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<tr>
<td>2000 VA (1600 W)</td>
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</tr>
<tr>
<td><strong>Magnetic low-voltage 277 V</strong></td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td>600 VA (450 W)</td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td>1000 VA (800 W)</td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td><strong>Electronic low-voltage 120 V</strong></td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td>300W</td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<tr>
<td>450W</td>
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</tr>
<tr>
<td>600W</td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<tr>
<td><strong>Electronic low-voltage 277 V</strong></td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td>16 A</td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
<tr>
<td><strong>Neon/cold cathode</strong></td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<tr>
<td><strong>3-wire ballasts and Hi-lume® LED driver 120 V</strong></td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
</tr>
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<td>Hi-lume, Hi-lume Compact SE,</td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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</tr>
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<td>8 A</td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<td><strong>3-wire ballasts and Hi-lume® LED driver 277 V</strong></td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<td>Hi-lume, Hi-lume Compact SE,</td>
<td>☀️ ☃️</td>
<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<td><strong>Tu-Wire® ballasts 120 V</strong></td>
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<td>☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️ ☁️</td>
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<tr>
<td><strong>0-10VDC (ballasts or LED Drivers) 120/277 V</strong></td>
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</tr>
</tbody>
</table>

**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**TIV**: 0-10V Interface (GRX-TVI)

**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)

**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)

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* Consult Lutron Technical Support for information on interfaces with Vierti.

† UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).
## Dimmer capabilities and interface requirements

<table>
<thead>
<tr>
<th>Multi-location</th>
<th>eco-model available</th>
<th>Compatible dimmer (no interface)</th>
<th>Requires interface, see notes below</th>
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<tbody>
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<td>WBX</td>
<td>TVI 3F PA</td>
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### Dimmers

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### Compatibility Notes

- **WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)
- **TVI**: 0-10 V Interface (GRX-TVI)
- **3F**: Fluorescent Power Module (PHPM-3F-DV-WH)
- **PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)


†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).
## Dimmer capabilities and interface requirements

- **Multi-location**—true dimming from each location
- **Eco-model available**
- **Compatible dimmer (no interface)**
- **WBX/TVI/3F/PA** Requires interface, see notes below

### Dimmers

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>capacity†</th>
<th>Eco-model</th>
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**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**TVI**: 0-10 V Interface (GRX-TVI)

**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)

**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)


†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).
## 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

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>Incandescent/halogen 120V</th>
<th>Magnetic low-voltage 120V</th>
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**Ceana** pg. 120  **Ariadni** pg. 124  **Glyder** pg. 130  **Rotary** pg. 134

**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**TVI**: 0-10V Interface (GRX-TV1)

**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)

**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)


---

UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).
### Dimmer models/load interface compatibility

<table>
<thead>
<tr>
<th>Dimmer Models/Load Interfaces</th>
<th>Incandescent, magnetic and electronic low-voltage (120/277 V)</th>
<th>3-wire Fluorescent ballasts or Hi-lume® LED drivers (120/277 V)</th>
<th>0-10 VDC Ballasts or LED drivers (120/277 V)</th>
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*Use only dimmer model numbers listed.

*Dual 120/277 V model given, 120 V only versions are also available.
Please see Technical notes, pg. 179.
## Lighting load interfaces

### Dimmer models/load interface compatibility

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### Technical notes

- Lighting load interfaces must be matched to load type and voltage.
- All load interfaces for dimmed load are controlled by a 120 V 3-wire fluorescent dimmer.
- Power feed to dimmer may differ from lighting load/interface voltage.
- Interfaces typically require additional power feeds.
- For wiring information, consult wiring diagrams, see pgs. 193-195.
- 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, pg. 179.
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Single-pole wiring

Wiring diagram #2
Single-pole wiring of 3-way control

Wiring diagram #3
Single-pole wiring with neutral wire connection

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Single-pole wiring of 3-way control with neutral wire connection

Wiring diagram #5
3-way wiring with neutral wire connection
Wiring diagram #6
3-way wiring

Control Line Side
---
Dimmer, Switch, Fan Control

3-Way Switch
---

Control Load Side
---
Dimmer, Switch, Fan Control

OR

3-Way Switch
---

Lighting Load or Fan
---

Neutral
---

* or Brass/Gold screw terminal
** or Copper/Black screw terminal
*** or Green screw terminal
† or Red/White screw terminal

120 VAC 60 Hz Feed
---

Black**
---

Red*
---

Red**
---

Green***
---

183
---

www.lutron.com | 1.800.523.9466 |
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

```
+---------------------+---------------------+---------------------+
| Hot                 | Black*              | Red**               |
| 120/277 VAC 60 Hz Feed | Blue†               | Cap Off             |
|                     | Control             | Lighting Load or Fan|
|                     | Neutral             |                     |
```

* or Copper/Black screw terminal  
** or Brass/Gold screw terminal  
† for Blue screw terminal  
†† for Silver screw terminal

**Wiring diagram #12**
Line side multi-location wiring with neutral wire connection

- **Control:** Dimmer, Smart Dimmer, Electronic Switch, Tapswitch

```
+---------------------+---------------------+---------------------+
| Hot                 | Black*              | Red**               |
| 120 VAC 60 Hz Feed  | Blue†               | Green               |
|                     | Tapswitch           | Lighting Load       |
| Line Side           | Auxiliary Tapswitch |                     |
|                     | Neutral             |                     |
|                     | Up to Nine Total Auxiliary Tapswitches |                     |
```

* or Copper/Black screw terminal  
** or Brass/Gold screw terminal  
† for Blue screw terminal  
†† for Silver screw terminal

**Wiring diagram #13**
Multi-location switch wiring with neutral wire connection

- **Control:** Dimmer, Smart Dimmer, Electronic Switch, Tapswitch
- **Accessory:** Accessory Dimmer, Accessory Switch, Auxiliary Tapswitch

```
+---------------------+---------------------+---------------------+
| Hot                 | Black*              | Red**               |
| 120/277 VAC 60 Hz Feed | Blue†               | Green               |
|                     | Companion           | Lighting Load or Fan|
| Load Side           | Companion           |                     |
|                     | Companion           |                     |
|                     | Companion           |                     |
|                     | Switch Control      |                     |
|                     | Neutral             |                     |
|                     | Up to Nine Total Companions |                     |
```

* or Copper/Black screw terminal  
** or Brass/Gold screw terminal  
† for Blue screw terminal  
†† for Silver screw terminal
Wiring diagram #14
Vareo® switch wiring with neutral wire connection

Control Line Side

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Red</td>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td>Blue</td>
<td>Orange</td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>Green</td>
<td>Green</td>
<td></td>
</tr>
<tr>
<td>120 VAC 60 Hz Feed</td>
<td>Neutral</td>
<td>Neutral</td>
<td>Up to Four Total VETS-A-SL Units</td>
</tr>
</tbody>
</table>

Control Load Side

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>VETS-A-SL</td>
<td>Red</td>
<td>Red</td>
<td>Blue</td>
</tr>
<tr>
<td>Black</td>
<td>Orange</td>
<td>Blue</td>
<td>Orange</td>
</tr>
<tr>
<td>Blue</td>
<td>Green</td>
<td>Green</td>
<td>Green</td>
</tr>
<tr>
<td>Neutral</td>
<td>Neutral</td>
<td>Neutral</td>
<td>Neutral</td>
</tr>
<tr>
<td>Up to Four Total VETS-A-SL Units</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Wiring diagram #15
Nova T® Omnislide™ wiring

Base Control Line Side

<table>
<thead>
<tr>
<th>Base Dimmer</th>
<th>Base Dimmer</th>
<th>Base Dimmer</th>
<th>Lighting Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hot</td>
<td>Red</td>
<td>Red</td>
<td>Black</td>
</tr>
<tr>
<td>Black</td>
<td>Orange</td>
<td>Blue</td>
<td>Green</td>
</tr>
<tr>
<td>Green</td>
<td></td>
<td></td>
<td>Neutral</td>
</tr>
<tr>
<td>120 VAC 60 Hz Feed</td>
<td>Neutral</td>
<td>Neutral</td>
<td>Up to Four Total VETS-A-SL Units</td>
</tr>
</tbody>
</table>

Base Control Load Side

<table>
<thead>
<tr>
<th>OR</th>
<th>Auxiliary Dimmer</th>
<th>Base Dimmer</th>
<th>Base Dimmer</th>
<th>Lighting Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>VETS-A-SL</td>
<td>Red</td>
<td>Red</td>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td>Orange</td>
<td>Blue</td>
<td>Orange</td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td>Green</td>
<td>Green</td>
<td>Green</td>
<td>Neutral</td>
</tr>
<tr>
<td>Neutral</td>
<td>Neutral</td>
<td>Neutral</td>
<td>Neutral</td>
<td></td>
</tr>
</tbody>
</table>
**Wiring diagram #16**
AC motor wiring of double-pole, double throw switch

![Wiring Diagram #16](image)

**Wiring diagram #17**
Single-pole wiring, fan only control

![Wiring Diagram #17](image)

*Switched full voltage only

**Wiring diagram #18**
Single-pole wiring, fan and light control

![Wiring Diagram #18](image)

*Switched full voltage only

**Wiring diagram #19**
Single-pole wiring, control

![Wiring Diagram #19](image)

*or Black screw terminal
**or Brass/Gold screw terminal

**Wiring diagram #20**
Single-pole wiring, dual fan/light control

![Wiring Diagram #20](image)
**Wiring diagram #21**

Spacer System® wall-mounted master control wiring with dimmers

Rear View of Spacer System Dimmers and SPS-5WC- Ganged Together

SPS-5WC- emits signal that travels up to 4 dimmers in either direction.

**Wiring diagram #22**

Spacer System master control wiring with IR blaster (remotely mounted)

Rear View of 5 Spacer System Dimmers Ganged Together

Infrared Blaster emits signal that travels up to 2 dimmers in either direction.
Appendix | Wiring diagrams

Wiring diagram #23
Cable jack wiring

<table>
<thead>
<tr>
<th>Cable Jack</th>
<th>75-Ohm Cable</th>
</tr>
</thead>
</table>

Wiring diagram #24
Telephone jack wiring, 6 conductor

<table>
<thead>
<tr>
<th>Jack Position</th>
<th>Wire Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>White</td>
</tr>
<tr>
<td>2</td>
<td>Black</td>
</tr>
<tr>
<td>3</td>
<td>Red</td>
</tr>
<tr>
<td>4</td>
<td>Green</td>
</tr>
<tr>
<td>5</td>
<td>Yellow</td>
</tr>
<tr>
<td>6</td>
<td>Blue</td>
</tr>
</tbody>
</table>

*Accepts most 4-conductor jacks

Wiring diagram #25
Telephone jack wiring, 8 conductor

<table>
<thead>
<tr>
<th>8-Conductor Phone Jack*</th>
<th>Wire Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Blue</td>
</tr>
<tr>
<td>2</td>
<td>Orange</td>
</tr>
<tr>
<td>3</td>
<td>Black</td>
</tr>
<tr>
<td>4</td>
<td>Red</td>
</tr>
<tr>
<td>5</td>
<td>Green</td>
</tr>
<tr>
<td>6</td>
<td>Yellow</td>
</tr>
<tr>
<td>7</td>
<td>Brown</td>
</tr>
<tr>
<td>8</td>
<td>White</td>
</tr>
</tbody>
</table>

*Accepts most 4- or 6-conductor jacks

Wiring diagram #26
Receptacle wiring

<table>
<thead>
<tr>
<th>Receptacle (15 A Shown)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hot</td>
</tr>
<tr>
<td>Black</td>
</tr>
<tr>
<td>Brass Screws</td>
</tr>
<tr>
<td>Nickel Plated Screws</td>
</tr>
<tr>
<td>120VAC 60Hz Feed</td>
</tr>
<tr>
<td>Neutral</td>
</tr>
<tr>
<td>Green Screw</td>
</tr>
<tr>
<td>Building Ground</td>
</tr>
<tr>
<td>(to metal box) or</td>
</tr>
<tr>
<td>Isolated Ground</td>
</tr>
</tbody>
</table>

*For split circuit wiring, break off tab on brass side only

Wiring diagram #27
GFCI receptacle wiring

<table>
<thead>
<tr>
<th>Neutral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receptacle (15 A Shown)</td>
</tr>
<tr>
<td>Not Protected</td>
</tr>
<tr>
<td>120VAC 60Hz Feed</td>
</tr>
<tr>
<td>Black</td>
</tr>
<tr>
<td>Load Hot</td>
</tr>
<tr>
<td>Load Neutral</td>
</tr>
<tr>
<td>Green</td>
</tr>
</tbody>
</table>

| GFCI Receptacle (15 A Shown) |
| Protected                |
| Hot                      |
| Neutral                  |
| Brass Screws             |
| Nickel Plated Screws     |

| Receptacle (15 A Shown) |
| Protected                |
| Hot                      |
| Neutral                  |
| Brass Screws             |
| Nickel Plated Screws     |

*For split circuit wiring, break off tab on brass side only
**Wiring diagram #28**
Single-pole wiring of 3-way, 3-wire fluorescent control

![Wiring diagram #28](image)

**Wiring diagram #29**
3-way wiring of 3-wire fluorescent control

![Wiring diagram #29](image)

† or Copper/Black screw terminal
†† or Brass/Gold screw terminal
**Wiring diagram #30**
Single-pole wiring of 3-wire fluorescent control

```
Dimmer

120/277 VAC 60 Hz Feed

Black* Red** White
Green
Yellow or Orange
White***
Orange or Brown*

Black
White**

Dimming Ballast

To Additional Ballasts
```

* or Copper/Black screw terminal
** or Brass/Gold screw terminal
*** or Silver screw terminal

---

**Wiring diagram #31**
Single-pole wiring of multi-location 3-wire fluorescent control

```
Dimmer

120/277 VAC 60 Hz Feed

Black* Orange Blue† Red** White†† Black
Green
Neutral
White**

Dimming Ballast

To Additional Ballasts
```

* or Copper/Black screw terminal
** or Brass/Gold screw terminal
† or Blue screw terminal
†† or Silver screw terminal
Wiring diagram #32
Multi-location wiring of 3-wire fluorescent control

Control Load Side

<table>
<thead>
<tr>
<th>Hot</th>
<th>Black*</th>
<th>Red**</th>
<th>Black*</th>
<th>Red**</th>
<th>Black*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>Blue†</td>
<td>Green</td>
<td>Blue†</td>
<td>Green</td>
<td>Blue†</td>
</tr>
<tr>
<td>120/277 VAC</td>
<td>60 Hz Feed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Neutral | Up to Nine Total Accessories

Accessory: Accessory Dimmer, Auxiliary Tapswitch

* or Copper/Black screw terminal
** or Brass/Gold screw terminal
† or Blue screw terminal
†† or Silver screw terminal

Wiring diagram #38
Single-pole wiring of 0-10V fluorescent control and a Power Pack (PP-277H shown)

Neutral | White

Hot | Black

<table>
<thead>
<tr>
<th>Black (120 VAC)</th>
<th>Red</th>
<th>White</th>
<th>Black</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Lutron PP-277 H

Class 2 Wiring #20 AWG

0-10 V Wall Control

0-10 V Control Signal Wires – DO NOT CONNECT TO LINE VOLTAGE. Lutron is not liable for damage due to miswiring.

*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 #39**

Power interfaces with 3-wire fluorescent control wiring:
Incandescent/halogen/magnetic low-voltage/electronic low-voltage

For neon/cold cathode loads, the B-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 the same*

---

**Wiring diagram #40**

Switching power interface:
Incandescent/halogen, MLV, ELV, Magnetic and Electronic fluorescent ballasts, HID

*Also compatible with motor loads.*
**Wiring diagram #41**
Fluorescent dimming ballast interface (PHPM-3F-DV-WH) with 3-wire fluorescent dimmer wiring

120/277 VAC
60 Hz Feed

**Wire Colors**
- **Red**: Hot
- **Green**: Neutral
- **Orange**: Control
- **White**: Neutral
- **Black**: Control Neutral

120 VAC
60 Hz Feed From Distribution Panel

To Additional Ballasts

Dimming Ballast

Wire single-pole, 3-way, or multi-location 3-wire fluorescent dimmer as normal except run the control wire to the zone in terminal.
**Wiring diagram #42**

0-10V power interface (GRX-TV1) with 3-wire fluorescent dimmer wiring:
0-10V fluorescent ballast wiring shown

---

L2/H2 is the Hot/Live feed that powers the internal circuitry of the GRX-TV1. Use L2/H2 100-127V~ only if your line/mains voltage is 100-127V~.

Wire single-pole, 3-way, or multi-location 3-wire fluorescent dimmer as normal except run the control wire to the DL2/DH2 terminal.

---

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*
0-10 V Control
0-10 V is an analog lighting control protocol. A 0-10 V control modifies a voltage between 0 and 10 volts DC to produce a varying intensity level. There are two existing 0-10 V standards; and they are not compatible with each other, so it is essential to understand which type is required. The two 0-10 V 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; 4-way switch is for three or more locations).

Air Gap Switch
A safety feature in all Lutron controls for 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 will vary for each dimmer type.

Amperes/Amps
Unit of measurement of electrical current.

Astronomical Time Clock
A time switch device that is programmed for a specific geographic location to provide automatic timed event control of lights and/or shades. The programmed time is coordinated with daily variations of sunrise and sunset times that change 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 169 for further information.

Ballast
An electrical device required to operate all fluorescent and high intensity discharge (HID) lamps. Ballasts furnish the necessary voltage and current for starting and operating the lamp(s). Internationally, it is sometimes referred to as control gear.

Compact Fluorescent Lamp (CFL)
A high efficiency lamp type that can only 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. Both require an external ballast located in the fixture to operate, 2-pin versions are not dimmable, and 4-pin versions are dimmable when used with a dimming ballast. “Screw-in” CFLs are designed to replace incandescent lamps in existing fixtures, but most are not dimmable. Some can be dimmed, with a specific type of dimmer. Confirm the compatibility of CFL lamp and dimmer before installing these lamps.

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.

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.

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 page 170.
**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 relative 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. This provides energy savings. It also provides 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 one 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.

**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. It includes LED indicators that change as the time counts down. A one-minute blink warning signals when lights or a fan are 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**
Electronic switches use semiconductor device(s) to turn on and off the current flow into the load. They also include a mechanical disconnect or air-gap switch to manually disconnect power for safety when replacing lamps. These switches typically need to be derated when ganged. Electronic switches can only be used with the type of loads that they are approved to operate and are listed under UL1472 or UL508.

**Electrostatic Discharge Protection**
Lutron products are designed to withstand static discharges (static shocks) common in dry climates, up to 16kiloVolts, 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 “heat sink” to dissipate heat.
**Fins Broken (FB)**
When ganging dimmers, a portion of the fins (heat sink) must be removed to install dimmers together in a standard backbox, using standard size wallplates. The dimmer’s wattage capacity must be derated. Also see Ganging and Derating. See page 170.

**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 to be dimmed down to as low as 1% of the lamps maximum measured light output.

**Fully Variable Fan Control**
A fully variable fan speed 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 one or more dimmers, switches, receptacles or controls side-by-side, in a series of connected (ganged) backboxes.

**Ground Fault Circuit Interrupter (GFCI)**
A circuit protection device that monitors current flow, and quickly de-energizes a circuit when the current returning on the neutral wire is less than what is going out on the hot wire (difference ≥ 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 fill gas, and the lamp has a quartz glass inner envelope. These additions allow the lamp to operate more efficiently at a higher physical temperature and therefore, a higher color temperature and they have a longer life (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. Newer incandescent types are halogen lamps.

**Infrared (IR)**
Signals in the frequency range just below visible light. IR signals are often used for remote control of televisions and other 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 the lighting and shades.

**Infrared Receiver (IR Receiver)**
A 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 shading products.

**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)
LEDs are an energy efficient light source. They have up to 50,000 hour life, are substantially cooler to the touch, and provide more direct light, which equates to less wasted energy. White LEDs are commonly used in commercial and residential projects, while Red, Green, Blue (RGB) LEDs are used in signage, traffic lights, and multi-colored lighting effects. For detailed information on LEDs, go to 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 LED’s source. There are both dimming and non-dimming types.

Linear Slide Dimmer
A Lutron dimmer that controls the light level by sliding a knob 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 12 V). 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 towards 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 dimming of a lighting load from two or more locations. A multi-location capable dimmer must be used with specific companion dimmers or accessory dimmers. Standard 3-way/4-way wiring can be used.

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, wrap around columns, or shaped into letters (i.e., outdoor signs). Neon lamps are typically thinner diameter and filled with neon or argon gas, and come in a wide range of color. Cold Cathode lamps used in architectural lighting are 1/2" to an inch in diameter, and filled with mercury. These lamps are typically white, but available in a range of color temperature. NCC lamps operate similar to fluorescent lamps. The neon, argon or mercury is ionized by a high voltage applied to the lamp. The ionized gas causes a phosphor coating on the inside of the lamp to produce light. A 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)
Dimmers with no fins broken require additional gangs of backboxes and larger wallplates. They are able to utilize the full wattage capacity of dimmers. Also 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 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). Also see Vacancy Sensor.

For more detailed glossary of terms, go to www.lutron.com/glossaryofterms.
**Power Failure Memory**
When power is restored after a power failure, 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 (shade position) for a lighting (shade) zone that can be recalled by pressing a single button. Also 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. Also 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. Also see Fully Variable Fan Control.

**Radio Frequency (RF)**
RF provides a wireless control method for operating lighting, shades and other systems. Lutron utilizes Clear Connect™ RF control technology operating at frequencies in the 400Mhz range that pass through most materials, and are designed to be extremely reliable. Lutron’s methods provide less interference to and from other devices.

**Radio Frequency Interference (RFI)**
RFI is 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. It is recommended to keep dimmers eight feet away from AV 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. Also see Preset.

**Sensor**
A device that detects motion, daylight, heat, partition location, etc., and provides the information to allow for automatic control of lighting, window shading and other building systems.

**Single-pole Dimmer/Switch**
A switch or dimmer that controls a lighting zone from one location only.

**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, long fade times, etc. These dimmers typically have a tap switch for on/off, a rocker switch to change light levels and a column of LED’s 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 of 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 is bright to indicate when a device is on, and dim when the device is off.

**Surge Protection**
Circuitry that protects Lutron products against a surge of 6000 volts, 3000 amps, 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 voltage supply from line voltage (120V or 277V) to 24V, 12V or 6V needed for “low voltage” 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). They 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 triacs that are tested to last over ten years.

**Tungsten-Halogen Lamp**
See halogen lamp.

**Vacancy Sensor**
A device that detects the presence 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. A vacancy sensor relies on a person operating a manual switch to turn lighting on (manual on/auto off). Also see Occupancy Sensor.

**Voltage**
The electrical potential, measured in Volts (V), supplied by an electrical system. In the US, 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.

**Voltage Compensation**
Special circuitry that maintains consistent power delivered to the lamp, in the event of 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.

**Zone**
A lighting fixture or group of fixtures that are controlled simultaneously. An example would be two wall sconces wired together and controlled with one dimmer. Window shades can also be grouped together as zones.

For more detailed glossary of terms, go to 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, which are easy to understand. Each group of letters or numbers represents basic product information.

Example: Visual Index Entry

**Nova T☆ Controls**

<table>
<thead>
<tr>
<th>Product</th>
<th>Model type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preset Dimmers</td>
<td></td>
</tr>
</tbody>
</table>

Example: Deconstructing a Model Number

**NT F**

Load Type
All other letters before the hyphen represent the load type. If there is no other lettering, the dimmer is incandescent.

<table>
<thead>
<tr>
<th>Load Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LV</td>
<td>Magnetic Low Voltage</td>
</tr>
<tr>
<td>ELV</td>
<td>Electronic Low Voltage</td>
</tr>
<tr>
<td>F</td>
<td>Fluorescent</td>
</tr>
<tr>
<td>FS</td>
<td>Fan Speed</td>
</tr>
<tr>
<td>Q</td>
<td>Quiet Fan Speed</td>
</tr>
<tr>
<td>AD</td>
<td>Accessory Dimmer</td>
</tr>
<tr>
<td>AS</td>
<td>Accessory Switch</td>
</tr>
<tr>
<td>L</td>
<td>Light</td>
</tr>
<tr>
<td>R</td>
<td>Remote</td>
</tr>
<tr>
<td>TU</td>
<td>Tu-wire®</td>
</tr>
</tbody>
</table>

Product Family
The first letters of the model number represent the product family.

<table>
<thead>
<tr>
<th>Product Family</th>
<th>Model number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA</td>
<td>NTF-103P-NTF-103P-277-WH</td>
</tr>
<tr>
<td>MIR</td>
<td>Nova T☆ Controls</td>
</tr>
<tr>
<td>MRF2</td>
<td>Fluorescent</td>
</tr>
<tr>
<td>MSC</td>
<td>1000 Watt</td>
</tr>
<tr>
<td>MAW</td>
<td>3-way</td>
</tr>
<tr>
<td>DV</td>
<td>Preset</td>
</tr>
<tr>
<td>DVW</td>
<td>277 Volt</td>
</tr>
<tr>
<td>DVSC</td>
<td>White</td>
</tr>
<tr>
<td>CT</td>
<td>3-Wire Fluorescent and Hi-lume® LED Drivers</td>
</tr>
<tr>
<td>S</td>
<td>Novo®</td>
</tr>
<tr>
<td>CW</td>
<td>VT</td>
</tr>
<tr>
<td>CA</td>
<td>V</td>
</tr>
<tr>
<td>AY</td>
<td>NT</td>
</tr>
<tr>
<td>GL</td>
<td>D</td>
</tr>
<tr>
<td>FS</td>
<td>Rotary</td>
</tr>
<tr>
<td>SPS</td>
<td>Rotary Fan Control</td>
</tr>
</tbody>
</table>
### Maximum Wattage
Indicated by the first two, three or four numbers:
- **200**: 200 Watts
- **300**: 300 Watts
- **600**: 600 Watts
- **10 or 1000**: 1000 Watts
- **1500**: 1500 Watts
- **2000**: 2000 Watts
- **5**: 5 Amp
- **6**: 6 Amp
- **8**: 8 Amp

### Single-pole or 3-way
Indicated by the number at the end of the wattage:
- **0**: Single-pole
- **3**: 3-way
- **M**: Multi-location
- **277**: 277 Volt
- **2**: Dual Control

### 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

### Color Suffix*
To order the specific color desired, add the color suffix to the end of the model number:
- **WH**: White
- **IV**: Ivory
- **AL**: Almond
- **LA**: Light Almond
- **BE**: Beige
- **TP**: Taupe
- **GR**: Gray
- **SI**: Sienna
- **BR**: Brown
- **BL**: Black
- **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
- **SN**: Snow
- **LS**: Limestone
- **BI**: Biscuit
- **ES**: Eggshell
- **PD**: Palladium
- **ST**: Stone
- **BG**: Bluestone
- **PL**: Plum
- **SG**: Sea Glass
- **TQ**: Turquoise
- **GS**: Goldstone
- **DS**: Desert Stone
- **GB**: Greenbriar
- **MS**: Mocha Stone
- **TC**: Terracotta
- **HT**: Hot
- **MR**: Merlot
- **MN**: Midnight
- **SS**: Stainless Steel

*Some colors not available with certain families. Consult family pages or contact customer service.
### Abella® Controls pg. 114

<table>
<thead>
<tr>
<th>Digital Fade Dimmers</th>
<th>Digital Switch</th>
<th>Companion Dimmer</th>
<th>Companion Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incandescent/Halogen</td>
<td>AB-600M-AB-1000M-</td>
<td>AB-S6AM-</td>
<td>AB-AD-</td>
</tr>
<tr>
<td>Magnetic Low-Voltage</td>
<td>ABLV-600M-ABLV-1000M-</td>
<td></td>
<td>AB-AS-</td>
</tr>
</tbody>
</table>

### Ariadni® Controls pg. 124

<table>
<thead>
<tr>
<th>Preset Dimmers</th>
<th>Incandescent/Halogen</th>
<th>Magnetic Low-Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB-AD-</td>
<td>AY-600P-AY-10P-AY-603P-AY-103P-</td>
<td>AYLV-600P-AYLV-603P-</td>
</tr>
<tr>
<td>AB-AS-</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Incandescent/Halogen—eco-dim®

<table>
<thead>
<tr>
<th>3-Wire Fluorescent and Hi-lume® LED Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>AYF-103P-AYF-103P-277-</td>
</tr>
<tr>
<td>Preset Dimmers with Locator Light</td>
</tr>
<tr>
<td>----------------------------------</td>
</tr>
<tr>
<td>Incandescent/ Halogen</td>
</tr>
<tr>
<td>AY-600PNL-</td>
</tr>
<tr>
<td>AY-10PNL-</td>
</tr>
<tr>
<td>AY-603PNL-</td>
</tr>
<tr>
<td>AY-103PNL-</td>
</tr>
</tbody>
</table>

Ceana® Controls pg. 120

Preset Dimmers

Incandescent/ Halogen
CN-600P-
CN-10P-
CN-603P-
CN-103P-

Magnetic Low-Voltage
CNLV-600P-
CNLV-603P-
### Centurion® Controls pg. 42

<table>
<thead>
<tr>
<th>Dimmers with Rotate On/Off Knob</th>
<th>Rotary Dimmers (Push On/Off)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Dimmer Icon" /> Incandescent/Halogen</td>
<td><img src="image2.png" alt="Dimmer Icon" /> Incandescent/Halogen</td>
</tr>
<tr>
<td>C-600- C-1000-</td>
<td>C-600P- C-10P- C-603P- C-103P-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimmers with Locator Light</th>
<th>Fan Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Dimmer Icon" /> Incandescent/Halogen</td>
<td><img src="image4.png" alt="Dimmer Icon" /> Magnetic Low-Voltage</td>
</tr>
<tr>
<td>DV-600P- DVSC-600P- DV-10P- DVSC-10P- DV-603P- DVSC-603P- DV-103P- DVSC-103P-</td>
<td>DVLV-600P- DVSCLV-600P- DVLV-10P- DVSCLV-10P- DVLV-603P- DVSCLV-603P- DVLV-103P- DVSCLV-103P-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimmers with Locator Light</th>
<th>Fan Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image5.png" alt="Dimmer Icon" /> Incandescent/Halogen eco-dim®</td>
<td><img src="image6.png" alt="Dimmer Icon" /> 3-Wire Fluorescent and Hi-lume® LED Drivers</td>
</tr>
<tr>
<td>DV-603PG-</td>
<td>DVF-103P- DVSCF-103P- DVF-103P-277- DVSCF-103P-277-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimmers with Locator Light</th>
<th>Fan Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image7.png" alt="Dimmer Icon" /> Tu-Wire® Fluorescent</td>
<td><img src="image8.png" alt="Dimmer Icon" /> 0-10V Fluorescent and LED Drivers</td>
</tr>
<tr>
<td>DVFTU-5A3P- DVSCFTU-5A3P-</td>
<td>DVT- DVSCTV-</td>
</tr>
</tbody>
</table>

---

### Diva® Controls pg. 86

<table>
<thead>
<tr>
<th>Dimmers with Locator Light</th>
<th>Magnetic Low-Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image9.png" alt="Dimmer Icon" /> Incandescent/Halogen</td>
<td><img src="image10.png" alt="Dimmer Icon" /> Magnetic Low-Voltage</td>
</tr>
<tr>
<td>DV-600P- DVSC-600P- DV-10P- DVSC-10P- DV-603P- DVSC-603P- DV-103P- DVSC-103P-</td>
<td>DVLV-600P- DVSCLV-600P- DVLV-10P- DVSCLV-10P- DVLV-603P- DVSCLV-603P- DVLV-103P- DVSCLV-103P-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimmers with Locator Light</th>
<th>3-Wire Fluorescent and Hi-lume® LED Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image11.png" alt="Dimmer Icon" /> Dimmable CFL/LED (screw-base)</td>
<td><img src="image12.png" alt="Dimmer Icon" /> 3-Wire Fluorescent and Hi-lume® LED Drivers</td>
</tr>
<tr>
<td>DVCL-153PH- DVCL-153P- DVSCCL-153PH- DVSCCL-153P-</td>
<td>DVF-103P- DVSCF-103P- DVF-103P-277- DVSCF-103P-277-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimmers with Locator Light</th>
<th>3-Wire Fluorescent and LED Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image13.png" alt="Dimmer Icon" /> Tu-Wire® Fluorescent</td>
<td><img src="image14.png" alt="Dimmer Icon" /> 0-10V Fluorescent and LED Drivers</td>
</tr>
<tr>
<td>DVFTU-5A3P- DVSCFTU-5A3P-</td>
<td>DVT- DVSCTV-</td>
</tr>
</tbody>
</table>
Claro®/Satin Colors® General Purpose Switches

Any Switched Lighting or Motor Load
CA-1PSH-SC-1PS-
CA-3PSH-SC-3PS-
CA-4PSH-SC-4PS-

Claro®/Satin Colors® General Purpose Switches with Locator Light

Any Switched Lighting or Motor Load
CA-1PSNL-SC-1PSNL-
CA-3PNSL-SC-3PNSL-
CA-4PSNL-SC-4PSNL-

Glyder® Controls pg. 130

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-

Slide-To-Off Fan Control
Magnetic Low-Voltage
GLV-600-

Fully Variable
GFS-5E-
## Lyneo® Lx Controls pg. 94

<table>
<thead>
<tr>
<th>Incandescent/Halogen</th>
<th>Magnetic Low-Voltage</th>
<th>Switched Lighting or 1 HP Motor Loads</th>
<th>Quiet 3-Speed</th>
<th>Preset Fan Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>LX-600PL-LX-10PL-LX-603PL-LX-103PL-</td>
<td>LXLV-600PL-LXLV-10PL-LXLV-603PL-LXLV-103PL-</td>
<td>LX-1PSL-LX-3PSL-LX-4PSL</td>
<td>LXFSQ-F-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electronic Low-Voltage</th>
<th>3-Wire Fluorescent and Hi-lume® LED Drivers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LXELV-600PL-LXELV-603PL-</td>
<td>LXF-103PL-LXF-103PL-277-</td>
<td></td>
</tr>
</tbody>
</table>

## Maestro® Controls pg. 46

<table>
<thead>
<tr>
<th>Incandescent/Halogen</th>
<th>Magnetic Low-Voltage</th>
<th>Digital Fade Dimmers</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA-600-MA-1000-MSCLV-600M-MSCLV-1000M-</td>
<td>MALV-600-MALV-1000-MSCLV-600M-MSCLV-1000M-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incandescent/Halogen</th>
<th>Magnetic Low-Voltage</th>
<th>3-Wire Fluorescent and Hi-lume® LED Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA-600G-</td>
<td>MAF-6AM-MSAF-6AM-MAF-6AM-277-MSAF-6AM-277-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electronic Low-Voltage</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MAELV-600-MSCELV-600M-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incandescent/Halogen</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>eco-minder™MA-600I-</td>
<td></td>
</tr>
</tbody>
</table>
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 Control Switch for Lighting or Fan (5-30 Minute Limit)
  MA-T530G-

Digital Fan Controls
- Quiet 7-Speed Fan/Light Control
  MA-FQ4FM-
- Incandescent/Halogen Dimmer
  MA-LFQHW-
  MA-LFQM-
- Fan canopy module
  CM-FQ1

Dimmers with Occupancy/Vacancy Sensor
- Incandescent/Halogen with Occupancy/Vacancy Sensor
  MS-OP600M-
  MS-VP600M-
  (Vacancy Model)
  MS-OPS6M-DV-
  (Dual voltage)
- Switch with Occupancy/Vacancy Sensor
  MS-OP5AM-
  MS-VPS5AM-
  (Vacancy Model)
  MS-VPS6M-DV-
  (Dual voltage)

Switches with Occupancy/Vacancy Sensor
- Dual Dimmers (Two Loads)
  Incandescent/Halogen Dimmers
  MA-L3L3-
- Dual Dimmer/Timer Control (Two Loads)
  Incandescent/Halogen Dimmer
  Switched Lighting or Fan Timer
  MA-L3T251-
- Dual Dimmer/Switch (Two Loads)
  Incandescent/Halogen Dimmer
  Switched Lighting or Fan
  MA-L3S25-
### Maestro® Controls (continued) pg. 46

**Companion Controls**

<table>
<thead>
<tr>
<th>Control Type</th>
<th>Model Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companion Dimmer</td>
<td>MA-R- MSC-AD- MA-R-277- MSC-AD-277-</td>
</tr>
<tr>
<td>Companion Fan Control</td>
<td>MA-AFQ4-</td>
</tr>
<tr>
<td>Companion Fan/Light Control</td>
<td>MA-ALFQ35-</td>
</tr>
<tr>
<td>Companion Switch</td>
<td>MA-AS- MSC-AS- MA-AS-277-</td>
</tr>
</tbody>
</table>

### Maestro IR® Controls pg. 60

**Digital Fade Dimmers**

<table>
<thead>
<tr>
<th>Dimmer Type</th>
<th>Model Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incandescent/Halogen*</td>
<td>MIR-600- MIR-1000- MIR-600M- MIR-1000M-</td>
</tr>
<tr>
<td>Quiet 7-Speed*</td>
<td>MIR-LFQTHW- MIR-LFQMT-</td>
</tr>
</tbody>
</table>

**Digital Fan and Dual Fan/Light Controls with IR Remotes**

<table>
<thead>
<tr>
<th>Control Type</th>
<th>Model Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companion Dimmer</td>
<td>MA-R-</td>
</tr>
<tr>
<td>Companion Fan/Light Control</td>
<td>MA-ALFQ35-</td>
</tr>
<tr>
<td>Companion Fan Control</td>
<td>MA-AFQ4-</td>
</tr>
<tr>
<td>Companion Dimmer</td>
<td>MA-R-</td>
</tr>
<tr>
<td>Companion Fan/Light Control</td>
<td>MA-ALFQ35-</td>
</tr>
<tr>
<td>Companion Fan Control</td>
<td>MA-AFQ4-</td>
</tr>
</tbody>
</table>

**Magnetic Low-Voltage**

<table>
<thead>
<tr>
<th>Dimmer Type</th>
<th>Model Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIRLV-600-</td>
<td>MIRLV-1000-</td>
</tr>
<tr>
<td>MIRLV-600M-</td>
<td>MIRLV-1000M-</td>
</tr>
</tbody>
</table>

**Electronic Low-Voltage**

<table>
<thead>
<tr>
<th>Dimmer Type</th>
<th>Model Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIRELV-600-</td>
<td>MIRELV-600M-</td>
</tr>
</tbody>
</table>

**“T” models include remote control**
## Maestro Wireless® Controls pg. 68

**Digital Fade Dimmers**
- Incandescent/Halogen
  - MRF2-600M-²
- Incandescent/Halogen Magnetic
  - MRF2-6MLV-
- Incandescent/Halogen Lamp Dimmer
  - MRF2-3LD-
- 3-Wire Fluorescent and Hi-lume LED Drivers
  - MRF2-F6AN-DV-

**General Purpose Switches**
- Any Switched Lighting or Motor Load
  - MRF2-8ANS-120-
  - MRF2-2BRL-L-
- Any Switched Lighting or Motor Load
  - MRF2-6ANS-

**Companion Controls, Sensors and Accessories**
- Companion Dimmer
  - MA-R-
  - MRF2-8ANS-120-
  - MRF2-2BRL-L-
- Companion Switch
  - MA-AS-
  - MRF2-2BRL-L-
- Companion Control
  - MRF2-6ANS-
- Plug-In Module
  - MRF2-3PD-3-
  - MRF2-3B-L-
- Pico Wireless Control (2-Button)
  - MRF2-2B-L-
- Pico Pedestal
  - (Single)
  - (Dual)
  - L-PED1-
  - L-PED2-
### Nova® Controls pg. 34

<table>
<thead>
<tr>
<th>Slide-To-Off Dimmers</th>
<th>Preset Dimmers</th>
<th>General Purpose Switches</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Incandescent/ Halogen</strong></td>
<td><strong>Incandescent/ Halogen</strong></td>
<td><strong>Any Switched Lighting or Motor Load</strong></td>
</tr>
<tr>
<td>N-600- N-1000-</td>
<td>N-603P- N-1003P-</td>
<td>N-1PS- N-1PS-347- N-3PS- N-3PS-347- N-4PS-</td>
</tr>
<tr>
<td>Tu-Wire® Fluorescent</td>
<td>3-Wire Fluorescent and Hi-lume® LED Drivers</td>
<td>3-Wire Fluorescent and Hi-lume LED Drivers</td>
</tr>
<tr>
<td>NFTU-5A-</td>
<td>NF-10-</td>
<td>NF-10P-</td>
</tr>
<tr>
<td>0-10V Fluorescent and LED Drivers</td>
<td>Magnetic Low-Voltage and Neon/Cold Cathode</td>
<td>Magnetic Low-Voltage and Neon/Cold Cathode</td>
</tr>
<tr>
<td>NFTV-</td>
<td>NLV-1000- NLV-1500-</td>
<td>NLV-603P- NLV-1003P-</td>
</tr>
<tr>
<td>3-Wire Fluorescent and Hi-lume LED Drivers</td>
<td>Electronic Low-Voltage</td>
<td>Fluorescent with Magnetic Ballasts</td>
</tr>
<tr>
<td>NF-10-277-</td>
<td>NELV-450-</td>
<td>NF-10-</td>
</tr>
<tr>
<td><strong>Magnetic Low-Voltage and Neon/Cold Cathode</strong></td>
<td>Fluorescent with Magnetic Ballasts</td>
<td>Magnetic Low-Voltage</td>
</tr>
<tr>
<td>NLV-600-</td>
<td>NF-20- NF-30- NF-10-277- NF-20-277-</td>
<td>NLV-603P- NLV-1003P-</td>
</tr>
<tr>
<td><strong>Fluorescent with Magnetic Ballasts</strong></td>
<td>Magnetic Low-Voltage</td>
<td>Magnetic Low-Voltage</td>
</tr>
<tr>
<td>NF-10-</td>
<td>NLV-600-</td>
<td>NLV-1503P- NLV-2003P-</td>
</tr>
<tr>
<td><strong>Electronic Low-Voltage</strong></td>
<td><strong>Fluorescent with Magnetic Ballasts</strong></td>
<td><strong>Fluorescent with Magnetic Ballasts</strong></td>
</tr>
<tr>
<td>NELV-450-</td>
<td>NF-20- NF-30- NF-10-277- NF-20-277-</td>
<td>NF-20- NF-30- NF-10-277- NF-20-277-</td>
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</tbody>
</table>

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www.lutron.com | 1.800.523.9466 | LUTRON.
### Nova T® Controls pg. 26

<table>
<thead>
<tr>
<th>Slide-To-Off Fan Controls</th>
<th>Slide-To-Off Dimmers</th>
<th>Preset Dimmers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fully Variable</strong></td>
<td><strong>Incandescent/ Halogen</strong></td>
<td><strong>Incandescent/ Halogen</strong></td>
</tr>
<tr>
<td><strong>NFS-6E-</strong></td>
<td>NT-600-NT-1000-</td>
<td>NT-603P-NT-1003P-</td>
</tr>
<tr>
<td></td>
<td>NT-1500-NT-2000-</td>
<td>NT-1503P-</td>
</tr>
<tr>
<td></td>
<td>NTELV-300-NTELV-600-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NT-1500-NT-2000-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NTELV-300-NTELV-600-</td>
<td></td>
</tr>
<tr>
<td><strong>Incandescent/ Halogen</strong></td>
<td>3-Wire Fluorescent and Hi-lume® LED Drivers</td>
<td>3-Wire Fluorescent and Hi-lume® LED Drivers</td>
</tr>
<tr>
<td><strong>NFS-12E-</strong></td>
<td>NTF-10-NTF-10-277-</td>
<td>NTF-103P-NTF-103P-277-</td>
</tr>
<tr>
<td></td>
<td>NTFTU-5A-NTFTU-5A-277-</td>
<td></td>
</tr>
<tr>
<td><strong>Magnetic Low-Voltage</strong></td>
<td>0-10 V Fluorescent and LED Drivers</td>
<td>Magnetic Low-Voltage</td>
</tr>
<tr>
<td><strong>NTLV-600-NTLV-1000-</strong></td>
<td>NTFTV-</td>
<td>NTLV-603P-NTLV-1003P-</td>
</tr>
<tr>
<td></td>
<td>NTFLV-600-NTFLV-1000-277-</td>
<td></td>
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<tr>
<td></td>
<td>NTFTV-</td>
<td></td>
</tr>
<tr>
<td><strong>Magnetic Low-Voltage</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NTLV-1500-</strong></td>
<td></td>
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</table>
### Nova T® Controls (continued) pg. 26

<table>
<thead>
<tr>
<th>General Purpose Switches</th>
<th>Double-Pole/Double Throw Switches</th>
<th>Slide-To-Off Fan-Speed Controls</th>
<th>Companion Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any Switched Lighting or Motor Load</td>
<td>Momentary</td>
<td>Quiet 3-Speed</td>
<td>Omnislide Auxiliary Unit</td>
</tr>
<tr>
<td>NT-1PS-</td>
<td>NT-3PS-</td>
<td>NTFSQ-</td>
<td>NTA-2-</td>
</tr>
<tr>
<td>NT-4PS-</td>
<td>Maintained</td>
<td>NT-DPDT-CO-MA-</td>
<td>NTFS-6E-</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Rotary Controls pg. 134</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimmers with Push On/Off Knob</td>
</tr>
<tr>
<td>Dimmers with Push On/Off Knob and Locator Light</td>
</tr>
<tr>
<td>Incandescent/Halogen</td>
</tr>
<tr>
<td>D-600P-</td>
</tr>
<tr>
<td>D-603P-</td>
</tr>
<tr>
<td>Incandescent/Halogen eco-dim®</td>
</tr>
<tr>
<td>D-603PG-</td>
</tr>
<tr>
<td>Dimmer with Rotate On/Off Knob</td>
</tr>
<tr>
<td>--------------------------------</td>
</tr>
<tr>
<td><img src="image" alt="Dimmer Icon" /></td>
</tr>
<tr>
<td><strong>Incandescent/Halogen</strong> D-600R-</td>
</tr>
<tr>
<td><strong>Fully Variable</strong> FS-5F- FS-SE-</td>
</tr>
<tr>
<td><img src="image" alt="Image" /></td>
</tr>
<tr>
<td><img src="image" alt="Image" /></td>
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<td><img src="image" alt="Image" /></td>
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</table>

**Skylark® Controls pg. 104**
Skylark® Controls (continued) pg. 104

<table>
<thead>
<tr>
<th>Slide-To-Off Dimmers</th>
<th>Dual Slide-To-Off Dimmers</th>
<th>Slide-To-Off Fan Controls</th>
<th>Slide-To-Off Fan Control and On/Off Light Switch</th>
<th>Dual Slide-To-Off Fan Control and Dimmer</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Slide-To-Off Dimmer Icon" /></td>
<td><img src="image2" alt="Dual Slide-To-Off Dimmer Icon" /></td>
<td><img src="image3" alt="Slide-To-Off Fan Control Icon" /></td>
<td><img src="image4" alt="Slide-To-Off Fan Control and On/Off Light Switch Icon" /></td>
<td><img src="image5" alt="Dual Slide-To-Off Fan Control and Dimmer Icon" /></td>
</tr>
<tr>
<td>Incandescent/ Halogen</td>
<td>Incandescent/ Halogen</td>
<td>Quiet 3-Speed</td>
<td>Quiet 3-Speed and On/Off Light Switch</td>
<td>Quiet 3-Speed and Incandescent/ Halogen Dimmer</td>
</tr>
<tr>
<td>S-600- S-1000-</td>
<td>S2-L-</td>
<td>SFSQ-F-</td>
<td>SFSQ-F-HO-</td>
<td>SFSQ-LF-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SFSQ-LFSQ-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Fully Variable and Incandescent/ Halogen Dimmer</td>
</tr>
</tbody>
</table>
## Skylark Contour Controls pg. 100

Master Controls
- Dimmers with On/Off Switch and Locator Light
- Incandescent/Halogen
- eco-minder™
  - MK-600PI
  - MK-603PI

Dimmers with IR Receiver
- Magnetic Low-Voltage
  - SPSELV-600
  - SPSELV-600M

## Spacer System Controls pg. 76

Master Controls
- Dimmers with On/Off Switch and Locator Light
- Dimmable CFL/LED (screw-base)
  - CTCL-153P

Dimmers with IR Receiver
- 3-Wire Fluorescent and Hi-lume® LED Drivers
- Magnetic Low-Voltage
  - SPSELV-600
  - SPSELV-600M

Companion Dimmers
- Digital Switches
  - SPSF-S6A
  - SPSF-S6A-277
  - SPSF-S6AM
  - SPSF-S6AM-277

- Digital Switch
  - SPS-AD
  - SPS-AD-277
**Spacer System® Controls**
(continued) pg. 76

<table>
<thead>
<tr>
<th>Companion Switches</th>
<th>Remote Controls</th>
<th>Vareo® Controls pg. 20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Companion Switch</strong></td>
<td><strong>4-Scene Remote Control</strong></td>
<td><strong>Preset Dimmers</strong></td>
</tr>
<tr>
<td>SPS-AS-SPS-AS-277-</td>
<td>SPS-4IT-RP</td>
<td><strong>Tapswitch</strong></td>
</tr>
<tr>
<td><strong>Favorite Scene Remote Control</strong></td>
<td></td>
<td><strong>Tapswitch with Locator Light</strong></td>
</tr>
<tr>
<td>SPS-FSIT-RP</td>
<td></td>
<td>VETS-1000-VETN-1000-</td>
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</tbody>
</table>

**Vareo® Controls**

<table>
<thead>
<tr>
<th><strong>Incandescent/ Halogen Magnetic Low-Voltage</strong></th>
<th><strong>Switched Lighting or Fan</strong></th>
<th><strong>Switched Lighting or Fan</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>V-600-V-1000-</td>
<td>VETS-1000-</td>
<td>VETS-1000-SL-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>3-Wire Fluorescent and Hi-lume® LED Drivers</strong></th>
<th><strong>Auxiliary Controls</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>VF-10-</td>
<td><strong>Auxiliary Tapswitch</strong></td>
</tr>
<tr>
<td></td>
<td>VETS-R-</td>
</tr>
</tbody>
</table>

| **Auxiliary Tapswitch with Locator Light** | |
|-------------------------------------------| |
| | VETS-A-SL- |
## Vierti® Controls pg. 14

<table>
<thead>
<tr>
<th>Preset Dimmers</th>
<th>Electronic Switch</th>
<th>Companion Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Preset Dimmers Icon]</td>
<td>![Electronic Switch Icon]</td>
<td>![Companion Controls Icon]</td>
</tr>
<tr>
<td>Incandescent/Halogen Magnetic Low-Voltage&lt;br&gt;VT-600-&lt;br&gt;VT-600M-&lt;br&gt;VT-1000M-</td>
<td>Switched Lighting or Fan&lt;br&gt;VT-SGAMUNV-</td>
<td>Companion Dimmer&lt;br&gt;VT-AD-</td>
</tr>
<tr>
<td>![Electronic Low-Voltage Icon]</td>
<td>![3-Wire Fluorescent and Hi-lume® LED Drivers Icon]</td>
<td>![Companion Switch Icon]</td>
</tr>
<tr>
<td>Electronic Low-Voltage&lt;br&gt;VTELV-600M-</td>
<td>3-Wire Fluorescent and Hi-lume® LED Drivers&lt;br&gt;VTF-6AM-</td>
<td>Companion Switch&lt;br&gt;VT-AS-</td>
</tr>
</tbody>
</table>
## Architectural Wallplates & Accessories pg. 152

### Wallplates
(Multi-gang controls may require derating)

<table>
<thead>
<tr>
<th>1-Gang for One Dimmer or Switch</th>
<th>1-Gang for One Accessory</th>
</tr>
</thead>
<tbody>
<tr>
<td>VWP-1-</td>
<td>VWP-R-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-Gang for Two Dimmers or Switches</th>
<th>2-Gang for Two Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>VWP-2-</td>
<td>VWP-2R-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-Gang for Dimmers or Switches</th>
<th>2-Gang for One Dimmer or Switch and One Accessory</th>
</tr>
</thead>
<tbody>
<tr>
<td>VWP-3-</td>
<td>VWP-2CR- VWP-2RC-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4-Gang for Dimmers or Switches</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>VWP-4-</td>
<td></td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Single Cable Jack</th>
<th>Triple Telephone Jack</th>
<th>Tamper Resistant GFCI Receptacles</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT-CJ-</td>
<td>NT-PJ8X3-</td>
<td>NTR-15-GFTR- NTR-20-GFTR-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single Telephone Jack</th>
<th>Phone/Cable Jack</th>
<th>Isolated Ground Receptacles</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT-PJ-</td>
<td>NT-PJ8CJ-</td>
<td>NTR-15-IG-OR- NTR-20-IG-OR-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Double Telephone Jack</th>
<th>Tamper Resistant Receptacles</th>
<th>Receptacles for Duplex Dimming Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT-PJ8X2-</td>
<td>NTR-15-TR- NTR-20-TR-</td>
<td>NTR-15-DFDU- NTR-20-DFDU-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Receptacles for Split Duplex—Half for Dimming Use</th>
<th>Half Dimming Tamper Resistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR-15-HFDU- NTR-20-HFDU-</td>
<td>NTR-15-HDTR- NTR-20-HDTR-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Receptacle Plug for Dimming Use</th>
<th>Dual Dimming Tamper Resistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP-FDU-10-WH RP-FDU-10-BR</td>
<td>NTR-15-DDTR- NTR-20-DDTR-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6-Port Frame</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NT-6PF-</td>
<td></td>
</tr>
</tbody>
</table>
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-

- **BNC Jack (BNC Connector, 50-Ohm)**
  - CON-1B-WH

- **Fiber Jack (MT-RJ Feed Through)**
  - CON-1F-MTRJ-WH

- **Fiber Jack (SC Simplex)**
  - CON-1F-SC-WH

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**Designer | Claro® & Satin Colors®**

**Wallplates & Accessories pg. 160**

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. 160

#### Accessories

<table>
<thead>
<tr>
<th>Single Cable Jacks</th>
<th>Tamper Resistant GFCI Receptacles</th>
<th>Receptacles for Split Duplex— half for Dimming Use</th>
<th>6-Port Frames</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Phone Jacks</td>
<td>Receptacles Duplex for Dimming Use</td>
<td>General Purpose Switches</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tamper Resistant Receptacles</td>
<td>Half Dimming Tamper Resistant</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Receptacles</td>
<td>Dual Dimming Tamper Resistant</td>
<td>General Purpose Switches with Locator Light</td>
<td></td>
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</tr>
<tr>
<td>Receptacles</td>
<td>Recipient Plug for Dimming Use</td>
<td></td>
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</tbody>
</table>

#### Connectors for 6-Port Frame

<table>
<thead>
<tr>
<th>Phone Jack (8-Conductor, RJ45 Category 3)</th>
<th>Fiber Jack (LC Non-Flush Mount)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON-1P-C3-</td>
<td>CON-1F-LC-WH</td>
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<tr>
<td></td>
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</tr>
<tr>
<td>Phone Jack (8-Conductor, RJ45 Category 5e)</td>
<td>Fiber Jack (ST Style)</td>
</tr>
<tr>
<td>CON-1P-C5E-</td>
<td>CON-1F-ST-WH</td>
</tr>
<tr>
<td></td>
<td></td>
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<tr>
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<td>CON-1C-</td>
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<td>BNC Jack (BNC Connector, 50-Ohm)</td>
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<td></td>
<td>CON-1B-WH</td>
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<td></td>
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<tr>
<td>General Purpose Switches with Locator Light</td>
<td></td>
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<tr>
<td>CA-1PSNL-SC-1PSNL-CA-3PSNL-SC-3PSNL-CA-4PSNL-SC-4PSNL-</td>
<td>222</td>
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## Credenza® and Attaché® Wallplates pg. 138
Lamp Dimmers

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<tr>
<th>Dimmer Type</th>
<th>Model Number</th>
<th>Features</th>
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<tbody>
<tr>
<td>Plug-In Lamp Dimmer with Locator Light</td>
<td>TT-300NLH-</td>
<td></td>
</tr>
<tr>
<td>Plug-In Lamp Dimmer</td>
<td>TT-300H- TTCL-100H-</td>
<td></td>
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<tr>
<td>On Cord Lamp Dimmer with Locator Light</td>
<td>LC-300NLH-</td>
<td></td>
</tr>
<tr>
<td>On Cord Lamp Dimmer</td>
<td>LC-300H-WH</td>
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## Traditional | Fassada® Wallplates pg. 166
Lamp Dimmers (Multi-gang controls may require derating)

<table>
<thead>
<tr>
<th>Dimmer Type</th>
<th>Model Number</th>
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<tbody>
<tr>
<td>1-Gang</td>
<td>FG-1-</td>
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<tr>
<td>1-Gang</td>
<td>FG-1-</td>
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<td>1-Gang</td>
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<td>2-Gang (1 Large, 1 Small)</td>
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Wallplates and Accessories (Multi-gang controls may require derating)

<table>
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<tr>
<th>Dimmer Type</th>
<th>Model Number</th>
<th>Features</th>
</tr>
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<tbody>
<tr>
<td>1-Gang</td>
<td>VTW-1-</td>
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<td>VT-CK-</td>
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<td>2-Gang</td>
<td>VTW-2-</td>
<td></td>
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<tr>
<td>Left Side Receptacle</td>
<td>VTW-RV- AA-CPW0945</td>
<td></td>
</tr>
<tr>
<td>Right Side Receptacle</td>
<td>VTW-VR- AA-CPW0944</td>
<td></td>
</tr>
<tr>
<td>3-Gang</td>
<td>VTW-3-</td>
<td></td>
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<tr>
<td>4-Gang</td>
<td>VTW-4-</td>
<td></td>
</tr>
</tbody>
</table>

* AA refers to color code, see pg. 151 for additional information
## Sensors  pg. 140

### LOS Wall Sensors
- Passive Infrared Heavy Duty
  - LOS-SIR-HD-WH
- Passive Infrared Two Circuit Heavy Duty
  - LOS-S2IR-HD-WH

### Maestro® Dimmer—Wall Sensors
- Incandescent/Halogen Dimmer with Occupancy/Vacancy Sensor
  - MS-OP600M
  - MS-VP600M

### Maestro Switch—Wall Sensors
- Switch with Occupancy/Vacancy Sensor
  - MS-OPS5AM
  - MS-VPS5AM
  (Vacancy Model)
  - MS-OPS6M-DV
  - MS-VPS6M-DV
  (Vacancy Model)

### Radio Powr Savr™ Switch
- Radio Powr Savr Occupancy/Vacancy Sensor
  - LRF2-OCRB-P
- Radio Powr Savr Vacancy Model Sensor
  - LRF2-VCRB-P
- Radio Powr Savr Daylight Sensor
  - LRF2-DCRB-WH
- Radio Powr Savr Occupancy/Vacancy Sensor
  - LRF2-OHLB-P
  - LRF2-OKLB-P
  - LRF2-OWLB-P
  - LRF2-VHLB-P
  - LRF2-VKLB-P
  - LRF2-VWLB-P
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Product approvals:

The products in this catalog are UL listed as required; most are CSA certified; many are NOM certified. Not all products carry all certifications.
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
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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<tr>
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</tbody>
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For illustration purposes only. Consult model number pages for specific voltage and capacity information. For ballast information, visit www.lutron.com/ballasts.

*Consult Lutron Technical Support for information on interfaces with Vierti.
For illustration purposes only. Consult model number pages for specific voltage and capacity information. For more information on LED drivers, visit www.lutron.com/LED.

*Consult Lutron Technical Support for information on interfaces with Vierti.
Vierti®

Incandescent dimming

Incandescent/ Halogen

Switched loads

Non-Dim Lighting

Switched Fan

Switching Module

Incandescent/ MLV Dimmer

Switch

Switch

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

* Consult Lutron Technical Support for information on interfaces with Vierti.

† Interface provides additional capacity and/or may be different voltage than dimmer.
Addendum | Advanced conceptual connections

Vareo®

3-wire fluorescent dimming
- Lamps:
  - Compact Twin Tube
  - U-Bent
  - Linear

2-wire fluorescent dimming
- Lamps:
  - Compact SE™

0-10V fluorescent dimming
- Lamps:
  - Linear

Hi-lume®
- 3D Ballasts
- Tu-Wire® Ballasts
- EcoSystem® Ballasts
- Eco-10® Ballasts
- 3-Wire Interface
- 3-Wire Fluorescent Dimmer

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For ballast information, visit www.lutron.com/ballasts.
† Interface provides additional capacity and/or may be different voltage than dimmer.
Vareo®

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For ballast information, visit www.lutron.com/ballasts.
†Interface provides additional capacity and/or may be different voltage than dimmer.
Vareo®

Incandescent dimming

- Incandescent/Halogen

Neon/cold cathode dimming

- Neon/Cold Cathode

Switched loads

- Non-Dim Lighting
- Switched Fan
- Switched Motors

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

† Interface provides additional capacity and/or may be different voltage than dimmer.
For illustration purposes only. Consult model number pages for specific voltage and capacity information.

For ballast information, visit www.lutron.com/ballasts.

† Interface provides additional capacity and/or may be different voltage than dimmer.

‡‡ PowerPack provides on/off switching to 0-10 V load.
Nova T®

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For more information on LED drivers, visit www.lutron.com/LED.
† Interface provides additional capacity and/or may be different voltage than dimmer.
†† PowerPack provides on/off switching to 0-10V load.
For illustration purposes only. Consult model number pages for specific voltage and capacity information.

† Interface provides additional capacity and/or may be different voltage than dimmer.
Nova T®

Ceiling fan

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Nova®

3-wire fluorescent dimming

Lamps:
- Compact
- Twin Tube
- U-Bent
- Linear

2-wire fluorescent dimming

Lamps:
- Compact
- Twin Tube

0-10V fluorescent dimming

Lamps:
- Linear

For illustration purposes only. Consult model number pages for specific voltage and capacity information. For ballast information, visit www.lutron.com/ballasts.

† Interface provides additional capacity and/or may be different voltage than dimmer.

†† PowerPack provides on/off switching to 0-10V load.
Nova®

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

† Interface provides additional capacity and/or may be different voltage than dimmer.

†† PowerPack provides on/off switching to 0-10V load.

For more information on LED drivers, visit www.lutron.com/LED.
For illustration purposes only. Consult model number pages for specific voltage and capacity information.

† Interface provides additional capacity and/or may be different voltage than dimmer.
Centurion®

Incandescent dimming

Incandescent/ Halogen

Incandescent Dimmer

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Maestro®

3-wire fluorescent dimming

Lamps:
- U-Bent
- Linear

Compact Twin Tube

Tu-Wire® Ballasts

Tu-Wire® Ballasts

Hi-lume® 3D Ballasts

Hi-lume® Ballasts

Compact SE™ Ballasts

EcoSystem® Ballasts

Eco-10® Ballasts

3-Wire Fluorescent Interface

3-Wire Fluorescent Dimmer

2-wire fluorescent dimming

Lamps:
- Compact
- U-Bent
- Linear

Tu-Wire® Ballasts

Compact Twin Tube

0-10V fluorescent dimming

Lamps:
- Linear

0-10V Ballasts
(by others)

3-Wire Fluorescent Dimmer

3-Wire Fluorescent Dimmer

3-Wire Fluorescent Dimmer

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

For more information on LED drivers, visit www.lutron.com/LED.

† Interface provides additional capacity and/or may be different voltage than dimmer.
Maestro®

For illustration purposes only. Consult model number pages for specific voltage and capacity information. For more information on LED drivers, visit www.lutron.com/LED.

**Consult www.lutron.com/LED for compatible 0-10V LED drivers.

†Interface provides additional capacity and/or may be different voltage than dimmer.
Maestro®

Incandescent dimming

Incandescent/Halogen

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

† Interface provides additional capacity and/or may be different voltage than dimmer.
Maestro®

Switched loads

Non-Dim Lighting

Switched Fan

Switched Motors

Ceiling fan

Ceiling fan/light

Switched loads

Switching Module

Fan Canopy Module

Fan/Light Control

Switch with Occupancy Sensor

Countdown Timer

Switch

Switch

Switch

Quiet Fan Control

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

*Refer to pg. 54 for specific load type.

†Interface provides additional capacity and/or may be different voltage than dimmer.
Incandescent dimming

Incandescent/Halogen

Incandescent dimming

Incandescent/Halogen

Incandescent dimming

Incandescent/Halogen

Switched loads

Non-Dim Lighting

Switched Fan

Maestro®

Dual Dimmer (2 loads)

Dimmer/Timer Control (2 loads)

Dimmer/Switch (2 loads)

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

*Refer to pg. 54 for specific load type.
Maestro IR®

Low Voltage dimming
- Magnetic Low Voltage
- Electronic Low Voltage

Incandescent dimming
- Incandescent/ Halogen

Ceiling fan
- Ceiling Fan
- Fan Canopy Module

Ceiling fan/light
- Fan Canopy Module
- IR Fan/Light Control & IR Fan/Light Remote Control

MLV Transformer (by others)
- ELV Transformer (by others)

MLV Dimmer & IR Remote Control
- ELV Dimmer & IR Remote Control
- Incandescent/ Halogen Dimmer & IR Remote Control
- IR Quiet Fan Control & Fan only IR Remote Control

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Maestro Wireless®

3-wire fluorescent dimming

- Lamps:
  - Hi-lume®
  - EcoSystem®
  - Eco-10®
- Tu-Wire® Ballasts
- Compact SE™ Ballasts
- Phase Adaptive Power Interface
- 3-Wire Fluorescent Dimmer

2-wire fluorescent dimming

- Lamps:
  - Compact Twin Tube
  - Compact
- Tu-Wire® Ballasts
- Linear
- 3-Wire Fluorescent Dimmer

0-10V fluorescent dimming

- Lamps:
  - Linear
- 0-10V Interface
- 3-Wire Fluorescent Dimmer

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For ballast information, visit www.lutron.com/ballasts.

† Interface provides additional capacity and/or may be different voltage than dimmer.
Maestro Wireless®

- LED dimming
  - Low Voltage LED Lighting

- Hi-lume® LED Driver

- Neon/cold cathode dimming
  - Neon/Cold Cathode

- 0-10 V LED Drivers (by others)

- 0-10 V Interface

- Wallbox Phase Adaptive Interface

- 3-Wire Fluorescent Dimmer

- 3-Wire Fluorescent Dimmer

- 3-Wire Fluorescent Dimmer

- 3-Wire Fluorescent Dimmer

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For more information on LED drivers, visit www.lutron.com/LED.
**Consult www.lutron.com/LED for compatible 0-10 V LED drivers.
†Interface provides additional capacity and/or may be different voltage than dimmer.
Maestro Wireless®

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For more information on LED drivers, visit www.lutron.com/LED.

† Interface provides additional capacity and/or may be different voltage than dimmer.
Maestro Wireless®

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For more information on LED drivers, visit www.lutron.com/LED.

*Refer to pg. 74 for specific load type.
† Interface provides additional capacity and/or may be different voltage than dimmer.
For illustration purposes only. Consult model number pages for specific voltage and capacity information. For ballast information, visit www.lutron.com/ballasts.

† Interface provides additional capacity and/or may be different voltage than dimmer.
**For illustration purposes only.** Consult model number pages for specific voltage and capacity information.

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

** Consult [www.lutron.com/LED](http://www.lutron.com/LED) for compatible 0-10V LED drivers.

† Interface provides additional capacity and/or may be different voltage than dimmer.
**Spacer System®**

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

†Interface provides additional capacity and/or may be different voltage than dimmer.
**Diva®**

3-wire fluorescent dimming

- Lamps:
  - Hi-lume®
  - EcoSystem®
  - Eco-10®
  - 3-Wire Fluorescent Interface

2-wire fluorescent dimming

- Lamps:
  - Compact SE™
  - Tu-Wire®

0-10V fluorescent dimming

- Lamps:
  - 0-10V Ballasts (by others)

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

For ballast information, visit www.lutron.com/ballasts.

† Interface provides additional capacity and/or may be different voltage than dimmer.

†† PowerPack provides on/off switching to 0-10V load.
Addendum | Advanced conceptual connections

Diva®

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For more information on LED drivers, visit www.lutron.com/LED.
†Interface provides additional capacity and/or may be different voltage than dimmer.
††PowerPack provides on/off switching to 0-10V load.
Diva®

Incandescent dimming

- Incandescent/Halogen

CFL/LED dimming

- Screw-base CFL/LED

Wallbox Phase Adaptive Interface

3-Wire Fluorescent Dimmer

- C-L Dimmer

Incandescent/Halogen eco-dim® Dimmer

Incandescent/Halogen Dimmer

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

†Interface provides additional capacity and/or may be different voltage than dimmer.
For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For illustration purposes only. Consult model number pages for specific voltage and capacity information. For ballast information, visit www.lutron.com/ballasts.

† Interface provides additional capacity and/or may be different voltage than dimmer.
Lyneo® Lx

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For more information on LED drivers, visit www.lutron.com/LED.
† Interface provides additional capacity and/or may be different voltage than dimmer.
Lyneo® Lx

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

† Interface provides additional capacity and/or may be different voltage than dimmer.
Skylark Contour™

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For illustration purposes only. Consult model number pages for specific voltage and capacity information. For ballast information, visit www.lutron.com/ballasts.

† Interface provides additional capacity and/or may be different voltage than dimmer.
For illustration purposes only. Consult model number pages for specific voltage and capacity information.
For more information on LED drivers, visit www.lutron.com/LED.

†Interface provides additional capacity and/or may be different voltage than dimmer.
Skylark®

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

† Interface provides additional capacity and/or may be different voltage than dimmer.
**Abella®**

- **Low Voltage dimming**
  - Magnetic Low Voltage
  - MLV Transformer (by others)
- **Incandescent dimming**
  - Incandescent/Halogen
- **Switched loads**
  - Non-Dim Lighting
  - Switched Fan
  - Switching Module

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

*Refer to pg. 118 for specific load type.
†Interface provides additional capacity and/or may be different voltage than dimmer.
Table of contents

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Addendum | Custom Architectural Wallplates

**Standard architectural wallplates**
Six popular 2-, 3- and 4-gang wallplates in nine matte colors
(48-hours shipment available)

Fins broken wallplates (FB)
- Controls fit into standard size backboxes with standard size wallplates
- Dimmers must be derated, pg. 170

What’s included:
- Adapter plate, screws, wallplate (inserts not included)

**Customized architectural wallplates**
Create a wallplate for any application

Fins broken wallplates (FB)
- Controls fit into standard size backboxes with standard size wallplates
- Dimmers must be derated
- Combines large and small controls

What’s included:
- Adapter plate, screws, wallplate (inserts not included)

Lutron’s architectural style controls can be ganged at full dimmer capacity using “No Fins Broken” wallplates. When using “Fins Broken” wallplates, maximum dimmer capacity must be derated. See pg. 170 for complete information on derating a dimmer.

Determine which architectural wallplate is right for your application

Standard architectural wallplates

- Fins broken wallplates (FB)
  - 48-hour shipment available
  - Use to conserve horizontal wall space

Custom architectural wallplates

- Fins broken wallplates (FB)
  - If you need to conserve horizontal wall space
  - If you need to combine large and small controls
  - If you need metal wallplates or custom colors

- No fins broken wallplates (NFB)
  - If you need to combine large and small controls
  - If you need metal wallplates or custom colors
  - Require full rating of dimmers

Lutron’s architectural style controls can be ganged at full dimmer capacity using “No Fins Broken” wallplates. When using “Fins Broken” wallplates, maximum dimmer capacity must be derated. See pg. 170 for complete information on derating a dimmer.
# How to construct a wallplate model number

Use the following steps to order multi-gang, metal, and replacement wallplates

<table>
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<tr>
<th>1 product code</th>
<th>2 insert code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT</td>
<td>Thin profile (D: 0.3 in or 7.6 mm)</td>
</tr>
<tr>
<td>N</td>
<td>Wide profile (D: 0.65 in or 16.5 mm)</td>
</tr>
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</table>

When ganging products together under a common wallplate the product's depth must be the same style (NT or N).

The detachable face of the product is called an insert. Each product has its own Insert Code, see pgs. B5–B6 for a complete listing of model numbers and their insert codes.

Select Insert Codes and add to model numbers in left to right order as if looking at the front of the wallplate (see example at the bottom of this page).

Inserts used in a fins broken application. From left to right:
- NovaT®️ (small control)
- Vareo®️ (small control)
- NovaT®️ (large control)

**example:**

**NT-SOL-FB-WH**

![Vareo®️](image1)  ![NovaT®️](image2)  ![Architectural accessories](image3)

**NT-SOL-FB-WH**

![Grafik Eye®️](image4)  ![SewTouch®️ wallstation](image5)
Determine whether controls need to use maximum load capacity or can be derated. Derating is the reduction of the maximum capacity (load) a unit can reliably handle when fins/side sections are removed. A scored section along each side of the mounting plate/fin is designed to be removed to facilitate ganging.

See pg. 170 for more information about your specific product’s derated capacities. Note: If any controls are ganged under the same wallplate with no fins broken, then the ganging code is NFB.
### Vareo®

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Insert Code</th>
<th>Control Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-600-</td>
<td>O</td>
<td>small</td>
</tr>
<tr>
<td>V-1000-</td>
<td>O</td>
<td>small</td>
</tr>
<tr>
<td>VETN-1000-</td>
<td>K</td>
<td>small</td>
</tr>
<tr>
<td>VETS-1000-</td>
<td>K</td>
<td>small</td>
</tr>
<tr>
<td>VETS-1000-SL-</td>
<td>H</td>
<td>small</td>
</tr>
<tr>
<td>VETS-A-SL-</td>
<td>H</td>
<td>small</td>
</tr>
<tr>
<td>VETS-R-</td>
<td>K</td>
<td>small</td>
</tr>
<tr>
<td>VF-10-</td>
<td>O</td>
<td>small</td>
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### Nova T®

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Insert Code</th>
<th>Control Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT-1PS-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NT-3PS-</td>
<td>S</td>
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</tr>
<tr>
<td>NT-4PS-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NT-600-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NT-603P-</td>
<td>P</td>
<td>small</td>
</tr>
<tr>
<td>NT-1000-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NT-1003P-</td>
<td>P</td>
<td>small</td>
</tr>
<tr>
<td>NT-1500-</td>
<td>L</td>
<td>large</td>
</tr>
<tr>
<td>NT-1503P-</td>
<td>U</td>
<td>large</td>
</tr>
<tr>
<td>NT-2000-*</td>
<td>TF</td>
<td>large</td>
</tr>
<tr>
<td>NT-DPDT-CO-MA-</td>
<td>S</td>
<td>small</td>
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<tr>
<td>NT-DPDT-CO-MO-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTA-2-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTB-600-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTB-1000-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTELV-300-</td>
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<tr>
<td>NTELV-600-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTF-10-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTF-103P-</td>
<td>P</td>
<td>small</td>
</tr>
<tr>
<td>NTFS-6E-</td>
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</tr>
<tr>
<td>NTFS-12E-</td>
<td>L</td>
<td>large</td>
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<tr>
<td>NTFSQ-</td>
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</tr>
<tr>
<td>NTFTU-5A-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTFTV</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTLV-600-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTLV-603P-</td>
<td>P</td>
<td>small</td>
</tr>
<tr>
<td>NTLV-1000-</td>
<td>S</td>
<td>small</td>
</tr>
<tr>
<td>NTLV-1003P-</td>
<td>P</td>
<td>small</td>
</tr>
<tr>
<td>NTLV-1500-</td>
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</tr>
<tr>
<td>NTLV-1503P-</td>
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### Accessories

<table>
<thead>
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<th>Insert Code</th>
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<tbody>
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<td>NT-6PF-</td>
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<tr>
<td>NT-CJ-</td>
<td>9</td>
<td>small</td>
</tr>
<tr>
<td>NT-PJ-</td>
<td>8</td>
<td>small</td>
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<tr>
<td>NT-PJ8CJ-</td>
<td>TE</td>
<td>small</td>
</tr>
<tr>
<td>NT-PJ8X2-</td>
<td>TC</td>
<td>small</td>
</tr>
<tr>
<td>NT-PJ8X3-</td>
<td>TD</td>
<td>small</td>
</tr>
<tr>
<td>NTR-15-</td>
<td>R</td>
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</tr>
<tr>
<td>NTR-15-GFCI-</td>
<td>R3</td>
<td>small</td>
</tr>
<tr>
<td>NTR-15-IG-OR-</td>
<td>R1</td>
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</tr>
<tr>
<td>NTR-20-</td>
<td>4</td>
<td>small</td>
</tr>
<tr>
<td>NTR-20-GFCI-</td>
<td>R3</td>
<td>small</td>
</tr>
<tr>
<td>NTR-20-IG-OR-</td>
<td>R1</td>
<td>small</td>
</tr>
</tbody>
</table>

### GRAFIK Eye® Wallstations

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<td>NTGRX-2B-SL-</td>
<td>T8</td>
<td>small</td>
</tr>
<tr>
<td>NTGRX-4B-</td>
<td>T5</td>
<td>small</td>
</tr>
<tr>
<td>NTGRX-4M-</td>
<td>T1</td>
<td>small</td>
</tr>
<tr>
<td>NTGRX-4S-</td>
<td>A</td>
<td>small</td>
</tr>
<tr>
<td>NTGRX-4S-IR-</td>
<td>A</td>
<td>small</td>
</tr>
<tr>
<td>NTGRX-4S-IR-</td>
<td>A</td>
<td>small</td>
</tr>
<tr>
<td>SG-2BI-</td>
<td>R3</td>
<td>small</td>
</tr>
<tr>
<td>SG-4BI-</td>
<td>R3</td>
<td>small</td>
</tr>
<tr>
<td>SG-4MI-</td>
<td>R3</td>
<td>small</td>
</tr>
<tr>
<td>SG-4NRLI-</td>
<td>R3</td>
<td>small</td>
</tr>
<tr>
<td>SG-4SI-</td>
<td>R3</td>
<td>small</td>
</tr>
<tr>
<td>SG-4SIRI-</td>
<td>R3</td>
<td>small</td>
</tr>
</tbody>
</table>

### Blank Inserts and Yokes

*For each blank ordered, order one yoke to attach wallplate to backbox.*

- small blank insert: E*
- large blank insert: G**
- small yoke: NT-YS
- large yoke: NT-YL

*NT-2000-* must use NFB Series only.

1Product insert is permanently attached. Order the device in the color desired, wallplate will not have an insert to change the device color in the field.
## Addendum | Custom Architectural Wallplates

### Model Number | Insert Code | Control Size
--- | --- | ---
**Nova®**
N-1PS- | S | small
N-1PS-374- -CSA- | S | small
N-3PS- | S | small
N-3PS-374- -CSA- | S | small
N-4PS- | S | small
N-600- | S | small
N-603P- | P | small
N-1000- | S | small
N-1003P- | P | small
N-1500- | L | large
N-1503P- | U | large
N-2000- | L | large
N-2003P- | U | large
NELV-450- | S | small
NF-10- | S | small
NF-10-277- | L | large
NF-103P- | P | small
NF-103P-277- | P | small
NF-20- | L | large
NF-20-277- | L | large
NF-30- | L | large
NFS-6E- | S | small
NFS-12E- | L | large
NFTV- | S | small
NLV-600- | S | small
NLV-600P- | P | small
NLV-1000- | L | large
NLV-1003P- | P | small
NLV-1500- | L | large
NLV-1503P- | U | large
NLV-2003P- | U | large

### Available colors Nova®/Vareo® ONLY

#### Colors (architectural matte finish) (3-5 days)*

- WH White
- BE Beige
- IV Ivory
- AL Almond
- LA Light Almond
- LB Light Black
- SB Satin Brass
- BR Bright Brass
- BC Bright Chrome
- QB Antique Brass
- QZ Antique Bronze

#### Metals (special finishes) (4-6 weeks)†

- SC Satin Chrome
- SN Satin Nickel
- BN Bright Nickel
- AU Gold Plated

#### Anodized aluminum

- CLA Clear
- BLA Black
- BRA Brass
- BRN Bright Nickel
- SB Satin Brass

### Blank Inserts and Yokes

For each blank ordered, order one yoke to attach wallplate to backbox.

- Small blank insert: E* small
- Large blank insert: G** large
- *small yoke: N-YS
- **large yoke: N-YL

*Most matte wallplates ship in 3–5 days; wider wallplates require additional time.
†Consult Lutron® Customer Service for pricing and delivery at 1.888.LUTRON1.
No fins broken wallplates (NFB) (no derating required—full rated capacity)
- For Vareo® and Nova TA® installations
- NT-2000- can be used

For use with installations that DO NOT include an NT-2000-

Note: When ganging an even number of small controls, use backboxes with tapped ears. Do not use plaster rings or gangbox covers.
### Custom Architectural Wallplates

#### Fins broken wallplates (FB) (derating required)
- for Vareo® and Nova T® installations

<table>
<thead>
<tr>
<th>Number of Small Controls</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>4.56 in</td>
<td>6.32 in</td>
<td>8.45 in</td>
<td>9.97 in</td>
<td>11.85 in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>4.56 in</td>
<td>6.32 in</td>
<td>8.14 in</td>
<td>9.97 in</td>
<td>11.85 in</td>
<td>15.5 in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.20 in</td>
<td>9.97 in</td>
<td>11.79 in</td>
<td>15.5 in</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.85 in</td>
<td>15.5 in</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For larger wallplate configurations, contact Lutron® Customer Service.

---

**Example: plus sign (1 + 1) two small controls**

The plus sign (1 + 1) indicates the need for additional backboxes connected by a chase nipple or spacer with 3/4 in separation as shown.

See pgs. B5–B6 for small and large control model numbers.

Two single-gang backboxes connected by a chase nipple with 3/4 in separation.

Use a spacer, chase nipple or Lutron® part# PLUS-ADAPTER® -3.5.

Two small controls mounted on a no fins broken adapter plate (provided with wallplate).

No Fins Broken (NFB) screwless seamless wallplate with no visible hardware NT-SS-NFB-WH.
## Derating Table 1

**New Architectural** | Vierti®
---|---
**Designer** | Maestro®, Maestro IR®, Maestro Wireless®, Spacer System®, Diva®, Lyneo® Lx, Skylark Contour™, Skylark®
**Traditional** | Abella®, Ceanas®, Ariadni®, Glyder®, Rotary

<table>
<thead>
<tr>
<th>Incandescent</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No fins broken</td>
<td>1 fin broken</td>
<td>2 fins broken</td>
</tr>
<tr>
<td><strong>Dimmers</strong></td>
<td>600 W</td>
<td>500 W</td>
</tr>
<tr>
<td></td>
<td>1000 W</td>
<td>800 W</td>
</tr>
<tr>
<td><strong>Dual dimmers</strong></td>
<td>300 W</td>
<td>250 W</td>
</tr>
<tr>
<td></td>
<td>300 W</td>
<td>250 W</td>
</tr>
<tr>
<td><strong>Magnetic low-voltage</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimmers</td>
<td>600 VA/450 W</td>
<td>500 VA/400 W</td>
</tr>
<tr>
<td></td>
<td>1000 VA/800 W</td>
<td>800 VA/650 W</td>
</tr>
<tr>
<td><strong>Electronic low-voltage</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimmers</td>
<td>300 W</td>
<td>250 W</td>
</tr>
<tr>
<td></td>
<td>500 W</td>
<td>450 W</td>
</tr>
<tr>
<td></td>
<td>600 W</td>
<td>500 W</td>
</tr>
<tr>
<td><strong>Fluorescent</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vierti</td>
<td>60 ballasts/6 A</td>
<td>50 ballasts/5 A</td>
</tr>
<tr>
<td>Maestro/Spacer System</td>
<td>20 ballasts/6 A</td>
<td>20 ballasts/5 A</td>
</tr>
<tr>
<td>Diva, Skylark, Lyneo Lx and Ariadni</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
<td>Tu-Wire®: Spacer System, Diva, Skylark</td>
<td>5 A</td>
<td>4 A</td>
</tr>
</tbody>
</table>

**Fan controls**

<table>
<thead>
<tr>
<th></th>
<th>1.0 A/300 W</th>
<th>1.0 A/300 W</th>
<th>1.0 A/300 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiet 7-speed</td>
<td>1.5 A</td>
<td>1.5 A</td>
<td>1.5 A</td>
</tr>
<tr>
<td>Fully variable</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

**Fan/light controls**

<table>
<thead>
<tr>
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<th>1.0 A/300 W</th>
<th>1.0 A/300 W</th>
<th>1.0 A/300 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiet 7-speed</td>
<td>1.5 A/300 W</td>
<td>1.5 A/300 W</td>
<td>1.5 A/300 W</td>
</tr>
<tr>
<td></td>
<td>1.5 A/360 W</td>
<td>1.5 A/360 W</td>
<td>1.5 A/360 W</td>
</tr>
<tr>
<td>Fully variable</td>
<td>2.5 A/300 W</td>
<td>2.1 A/250 W</td>
<td>1.7 A/200 W</td>
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</tbody>
</table>

**Electronic switches**

<table>
<thead>
<tr>
<th></th>
<th>6 A/3 A</th>
<th>5 A/3 A</th>
<th>3.5 A/3 A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vierti</td>
<td>6 A/3 A</td>
<td>5 A/3 A</td>
<td>3.5 A/3 A</td>
</tr>
<tr>
<td>Maestro (light/fan)</td>
<td>8 A/3 A</td>
<td>6.5 A/3 A</td>
<td>5 A/3 A</td>
</tr>
<tr>
<td>Abella (light/fan)</td>
<td>6 A/3 A</td>
<td>5 A/3 A</td>
<td>3.5 A/3 A</td>
</tr>
</tbody>
</table>
## Derating Table 2

**Architectural | Vareo®, Nova T®**

<table>
<thead>
<tr>
<th></th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
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<tbody>
<tr>
<td><strong>Incandescent</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimmers</td>
<td>600W</td>
<td>500W</td>
<td>300W</td>
</tr>
<tr>
<td></td>
<td>1000W</td>
<td>900W</td>
<td>700W</td>
</tr>
<tr>
<td></td>
<td>1500W</td>
<td>1250W</td>
<td>1000W</td>
</tr>
<tr>
<td></td>
<td>1950W</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>Magnetic low-voltage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimmers</td>
<td>600 VA/450W</td>
<td>500 VA/400W</td>
<td>300 VA/250W</td>
</tr>
<tr>
<td></td>
<td>1000 VA/800W</td>
<td>900 VA/750W</td>
<td>700 VA/500W</td>
</tr>
<tr>
<td></td>
<td>1500 VA/1200W</td>
<td>1250 VA/1000W</td>
<td>1000 VA/800W</td>
</tr>
<tr>
<td><strong>Electronic low-voltage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimmers</td>
<td>300 W</td>
<td>300 W</td>
<td>250 W</td>
</tr>
<tr>
<td></td>
<td>600 W</td>
<td>500 W</td>
<td>400 W</td>
</tr>
<tr>
<td><strong>Fluorescent</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vareo</td>
<td>20 ballasts / 8 A</td>
<td>20 ballasts / 6 A</td>
<td>20 ballasts / 4.5 A</td>
</tr>
<tr>
<td>Nova T®</td>
<td>6 A</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
<td></td>
<td>8 A</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
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<td>16 A</td>
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<td>no derating</td>
</tr>
<tr>
<td>0-10 VDC control¹</td>
<td>30 mA ballasts</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
<td>Tu-Wire®</td>
<td>5 A</td>
<td>4 A</td>
<td>3.3 A</td>
</tr>
<tr>
<td><strong>Fan controls</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quiet 3-speed</td>
<td>1.5 A</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
<td>Fully variable</td>
<td>6 A</td>
<td>4.2 A</td>
<td>2.5 A</td>
</tr>
<tr>
<td>Fully variable</td>
<td>12 A</td>
<td>10 A</td>
<td>8.3 A</td>
</tr>
<tr>
<td><strong>Electronic tapswitches²</strong></td>
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<td></td>
</tr>
<tr>
<td>VETS-1000-</td>
<td>1000W</td>
<td>800W</td>
<td>650W</td>
</tr>
<tr>
<td>VETS-1000-SL-</td>
<td>1000W</td>
<td>900W</td>
<td>700W</td>
</tr>
<tr>
<td>VETN-1000-</td>
<td>1000 VA</td>
<td>700 VA</td>
<td>550 VA</td>
</tr>
</tbody>
</table>

For further information on ganging Nova®, visit [www.lutron.com/customganging](http://www.lutron.com/customganging).

¹PowerPack required for line voltage switching.

²VETS-R-Auxiliary electronic tapswitches do not require derating.
## Derating Table 3

**Architectural | Nova®**

<table>
<thead>
<tr>
<th>Incandescent¹</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimmers</td>
<td>No fins broken</td>
<td>1 fin broken</td>
<td>2 fins broken</td>
</tr>
<tr>
<td>600 W</td>
<td>600 W</td>
<td>600 W</td>
<td></td>
</tr>
<tr>
<td>1000 W</td>
<td>900 W</td>
<td>700 W</td>
<td></td>
</tr>
<tr>
<td>1500 W</td>
<td>1250 W</td>
<td>1000 W</td>
<td></td>
</tr>
<tr>
<td>2000 W</td>
<td>1800 W</td>
<td>1500 W</td>
<td></td>
</tr>
</tbody>
</table>

### Magnetic low-voltage¹

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 VA/450 W</td>
<td>600 VA/450 W</td>
<td>500 VA/400 W</td>
<td></td>
</tr>
<tr>
<td>1000 VA/800 W</td>
<td>900 VA/750 W</td>
<td>700 VA/500 W</td>
<td></td>
</tr>
<tr>
<td>1500 VA/1200 W</td>
<td>1250 VA/1000 W</td>
<td>1000 VA/800 W</td>
<td></td>
</tr>
<tr>
<td>2000 VA/1600 W</td>
<td>1800 VA/1500 W</td>
<td>1500 VA/1200 W</td>
<td></td>
</tr>
</tbody>
</table>

### Electronic low-voltage

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>450 W</th>
<th>400 W</th>
<th>350 W</th>
</tr>
</thead>
</table>

### Fluorescent

**Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®**

<table>
<thead>
<tr>
<th>Nova</th>
<th>16 A</th>
<th>no derating</th>
<th>no derating</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 A</td>
<td>no derating</td>
<td>no derating</td>
<td></td>
</tr>
<tr>
<td>6 A</td>
<td>no derating</td>
<td>no derating</td>
<td></td>
</tr>
<tr>
<td>0-10VDC control</td>
<td>60 ballasts / 16 A</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
<td>Tu-Wire®</td>
<td>5 A</td>
<td>4 A</td>
<td>3.3 A</td>
</tr>
</tbody>
</table>

### Fan controls

<table>
<thead>
<tr>
<th>Fully variable</th>
<th>6 A</th>
<th>5.5 A</th>
<th>5 A</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 A</td>
<td>11 A</td>
<td>10 A</td>
<td></td>
</tr>
</tbody>
</table>

Controls must have side sections removed to gang if using VWP wallplates.

¹Recommended 40 W minimum load.
# Multi-gang Worksheet (1–6 Gang Installation)

## For use with Vareo®, NovaT®, and Nova®

- Outline wallplate gang size below with a marker (cross out the rest)

### Wallplate Thickness:
- □ Thin Profile Vareo®/NovaT®
- □ Heavy Duty Nova®

### Wallplate Width:
- □ FB (Fins Broken)
- □ NFB (No Fins Broken)

## Position 1  |  Position 2  |  Position 3  |  Position 4  |  Position 5  |  Position 6
--- | --- | --- | --- | --- | ---

### Load Type

### Load Size W/VA/A

### Number of Fins Removed

### Control Model Number
- Full Rating (No Fins Broken)
- Derated Capacity (Fins Broken)

### Small or Large Control

### Wallplate Insert Code

### Interface (if needed)

---

## Wallplate Model #: ____________________________

## Wallplate Color: ____________________________

## Customization:  ○ Engraving  ○ Custom Color  ○ Silk Screen

## Backbox Configurations: ____________________________

---

### Vertical Installations

### Mounting Small and Large Controls
- Mount using center or offset mounting holes as needed.

### Mixing Small and Large Controls
- Group large controls together on one end of the wallplate. Do not alternate large and small controls.

---

For additional information use the Wallplate Selector tool located on the Lutron® website at [www.lutron.com/lutron/wallplate](http://www.lutron.com/lutron/wallplate).
Ceana®

Low Voltage dimming

Magnetic Low Voltage

MLV Transformer (by others)

MLV Dimmer

Incandescent dimming

Incandescent/Halogen

Incandescent/Halogen Dimmer

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

3-wire fluorescent dimming

Lamps:
- U-Bent
- Linear

Compact
Twin Tube
U-Bent
Linear

Hi-lume®
3D Ballasts

EcoSystem®
Ballasts

Hi-lume®
Ballasts

Compact SE™
Ballasts

3-Wire Fluorescent Interface

3-Wire Fluorescent Dimmer

LED dimming

Hi-lume®
LED Driver

Low Voltage
LED Lighting

0-10V LED
Drivers
(by others)

3-Wire Fluorescent Interface

3-Wire Fluorescent Dimmer

0-10V Interface

3-Wire Fluorescent Dimmer

3-Wire Fluorescent Dimmer

3-Wire Fluorescent Dimmer

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

For ballast information, 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).

†Interface provides additional capacity and/or may be different voltage than dimmer.
Ariadni®

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

† Interface provides additional capacity and/or may be different voltage than dimmer.
For illustration purposes only. Consult model number pages for specific voltage and capacity information.
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