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 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

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

**Timers**

**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

**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
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 (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 (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 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
Connections overview

**Load connections**

- **Incandescent/Halogen**
  - Magnetic Low-Voltage
  - Electronic Low-Voltage
  - Fluorescent Lighting
  - LED
  - Switched Lighting/Fans
  - Ceiling Fan
  - Ceiling Fan/Light

- **eco-dim® Dimmer**
- **Incandescent/Halogen Dimmer**
- **MLV Dimmer**
- **ELV Dimmer**
- **Fluorescent Dimmer**
- **Fluorescent Dimmer (3-wire only)**
- **Switch or Timer**
- **Fan Control**
- **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.*

For more information, visit www.lutron.com | 1.800.523.9466 | LUTRON.
### Dimmer model numbers

#### Incandescent/halogen dimmers**

- Digital fade dimmers
  - Multi-location/single-pole 120 V 600 W
  - Multi-location/single-pole 120 V 600 W
  - Multi-location/single-pole 120 V 1000 W
  - Multi-location/single-pole 120 V 1000 W

- eco-dim® digital fade dimmer**
  - Multi-location/single-pole 120 V 600 W

- eco-minder™ digital fade dimmer**
  - Multi-location/single-pole 120 V 600 W

#### Magnetic low-voltage dimmers**

- Digital fade dimmers
  - Multi-location/single-pole 120 V 600 VA (450 W)
  - Multi-location/single-pole 120 V 600 VA (450 W)
  - Multi-location/single-pole 120 V 1000 VA (800 W)
  - Multi-location/single-pole 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.

#### Electronic low-voltage dimmers*

- Digital fade dimmers
  - Multi-location/single-pole 120 V 600 W
  - Multi-location/single-pole 120 V 600 W

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

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**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)

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

*Requires neutral wire connection.

**Minimum load is 40 W/VA.
### Dimmer model numbers

**3-wire fluorescent dimmers***

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>MAF-6AM-CC³</td>
<td>120 V  6 A</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole</td>
<td>MSCF-6AM-CC⁴</td>
<td>120 V  6 A</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole 277 V</td>
<td>MAF-6AM-277-CC³</td>
<td>277 V  6 A</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole 277 V</td>
<td>MSCF-6AM-277-CC⁴</td>
<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. Fixed low-end trim (non-adjustable).

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

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location/single-pole</td>
<td>MAF-6AM-CC³</td>
<td>120 V  6 A</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole</td>
<td>MSCF-6AM-CC⁴</td>
<td>120 V  6 A</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole 277 V</td>
<td>MAF-6AM-277-CC³</td>
<td>277 V  6 A</td>
<td></td>
</tr>
<tr>
<td>Multi-location/single-pole 277 V</td>
<td>MSCF-6AM-277-CC⁴</td>
<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). Fixed low-end trim (non-adjustable).

### Dimmers and switches with sensor model numbers

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

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model</th>
<th>Voltage</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital fade dimmer with occupancy/vacancy sensor**</td>
<td>MS-OP600M-CC¹</td>
<td>120 V  600 W</td>
<td></td>
</tr>
<tr>
<td>Digital fade dimmer with vacancy only sensor</td>
<td>MS-VP600M-CC¹</td>
<td>120 V  600 W</td>
<td></td>
</tr>
</tbody>
</table>

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

#### Switches with occupancy/vacancy sensor

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Model</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital switch with occupancy/vacancy sensor*</td>
<td>MS-OPS5AM-CC¹</td>
<td>120 V  5 A</td>
<td></td>
</tr>
<tr>
<td>Digital switch with vacancy only sensor*</td>
<td>MS-VPS5AM-CC¹</td>
<td>120 V  5 A</td>
<td></td>
</tr>
</tbody>
</table>

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

### For more information

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 40 W/VA.

---

**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)
## Switch model numbers

### Switches

Digital switches

<table>
<thead>
<tr>
<th>Multi-location/single-pole*</th>
<th>MA-S8AM-CC³</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 8 A light or 3 A fan</td>
<td></td>
</tr>
</tbody>
</table>

Multi-location/single-pole* MA-S8AM-CC³

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.

<table>
<thead>
<tr>
<th>Multi-location/single-pole*</th>
<th>MSC-S8AM-CC⁴</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 8 A light or 3 A fan</td>
<td></td>
</tr>
</tbody>
</table>

Multi-location/single-pole* MSC-S8AM-CC⁴

120 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) |

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

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)**

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>MA-T530G-EE²</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V 600 W/VA (5 A) on/off lighting load</td>
<td></td>
</tr>
<tr>
<td>(incandescent/halogen, MLV)</td>
<td></td>
</tr>
<tr>
<td>OR 3 A general purpose fan(s)</td>
<td></td>
</tr>
</tbody>
</table>

---

**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)

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

*Requires neutral wire connection.

**Minimum load is 40 W/VA.
### Companion control model numbers

**Companion controls**

**Companion dimmers**
- Companion dimmer: MA-R-[CC]³
  - 120 V
  - MSC-AD-[CC]⁴
- Companion dimmer: MA-R-277-[CC]³
  - 277 V
  - MSC-AD-277-[CC]⁴

No derating required if ganged.

**Companion switches**
- Companion switch: MA-AS-[CC]³
  - 120 V
  - MSC-AS-[CC]⁴
- Companion switch: MA-AS-277-[CC]³
  - 277 V
  - MSC-AS-277-[CC]⁴

No derating required if ganged.

### Dual device model numbers

**Incandescent/halogen dimmer and Incandescent/halogen dimmer**

**Dual dimmers**
- Single-pole: MA-L3L3-[CC]¹
  - 120 V 300 W light (top)
  - Incandescent/halogen
  - 120 V 300 W light (bottom)
  - Incandescent/halogen

**Incandescent/halogen dimmer and switch**

**Dual dimmer/switch**
- Single-pole: MA-L3S25-[CC]¹
  - 120 V 300 W light (top)
  - Incandescent/halogen
  - 2.5 A switch (bottom)
  - Lighting load and/or general purpose fan(s)

**Incandescent/halogen dimmer and timer switch**

**Dual dimmer/timer switch**
- Single-pole: MA-L3T251-[CC]¹
  - 120 V 300 W light (top)
  - Incandescent/halogen
  - 2.5 A timer switch (bottom)
  - Lighting load and/or 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

(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>Configuration</th>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-location</td>
<td>MA-FQ4FM-CC1</td>
<td>120 V, up to 4 canopy modules (1 A each)</td>
</tr>
<tr>
<td>Multi-location package</td>
<td>MA-FQ3-CC1</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.

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>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM-FQ1</td>
<td>120 V, 1 A</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>Configuration</th>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>MA-LFQHW-CC3</td>
<td>120 V, 300 W light (top)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Incandescent/halogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 canopy module for up to 1 A fan (bottom)</td>
</tr>
<tr>
<td>Multi-location</td>
<td>MA-LFQM-CC1</td>
<td>120 V, 300 W light (top)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Incandescent/halogen</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 canopy module for up to 1 A fan (bottom)</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>Companion fan control</th>
<th>MA-AFQ4-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V</td>
<td></td>
</tr>
</tbody>
</table>

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.

Companion fan/light control

<table>
<thead>
<tr>
<th>Companion fan/light control</th>
<th>MA-ALFQ35-CC¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V</td>
<td></td>
</tr>
</tbody>
</table>

Use up to two wall-mounted controls with only one Maestro multi-location fan/light control.
No derating required if ganged.

CC¹: Gloss and Satin color codes, see pg. 47
(Wallplates not included, 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.

Tamper resistant GFCI receptacle
Customizable 6-port frame
Cable jack
Maestro dimmers and 2-gang Claro wallplate in White (WH).

Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Maestro®, Maestro IR®, Maestro Wireless®, Pico™ wireless control, 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
Available finishes

Use **BOLD** color code in model number (Example: SC-1-**PL**)

Gloss finishes

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

Satin finishes

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

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

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

*Stainless Steel finish wallplates include black plastic trim/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™

1-gang*  CW-1-CC²  SC-1-CC⁴
W: 2.94 in (75 mm); H: 4.69 in (119 mm)
D: .30 in (7.6 mm)

2-gang*  CW-2-CC²  SC-2-CC⁴
W: 4.75 in (121 mm); H: 4.69 in (119 mm)
D: .30 in (7.6 mm)

3-gang*  CW-3-CC²  SC-3-CC⁴
W: 6.56 in (167 mm); H: 4.69 in (119 mm)
D: .30 in (7.6 mm)

4-gang*  CW-4-CC²  SC-4-CC⁴
W: 8.37 in (213 mm); H: 4.69 in (119 mm)
D: .30 in (7.6 mm)

5-gang*  CW-5-CC²  SC-5-CC⁴
W: 10.18 in (259 mm); H: 4.69 in (119 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.

*Stainless Steel finish wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.

CC²: Gloss and Stainless Steel color codes, see pg. 161
CC⁴: Satin color codes, see pg. 161

Multi-gang dimmer installations may require derating, see pg. 170.
### Receptacles

<table>
<thead>
<tr>
<th>Type</th>
<th>Rating</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tamper resistant receptacles</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 A, 125 V*</td>
<td></td>
<td>CARS-15-TR-CC³</td>
</tr>
<tr>
<td>20 A, 125 V*</td>
<td></td>
<td>SCRS-20-TR-CC⁴</td>
</tr>
<tr>
<td><strong>Receptacles</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 A, 125 V*</td>
<td></td>
<td>CAR-15-H-CC³</td>
</tr>
<tr>
<td>20 A, 125 V*</td>
<td></td>
<td>SCR-20-CC⁴</td>
</tr>
</tbody>
</table>

### Cable jacks

- F-style, 75-Ohm coaxial cable

### Telephone jacks

- 6-conductor telephone jack, RJ11

### GFCI Receptacles

- Press test button to confirm LED indicator status
- Press reset button to reset GFCI after circuit interruption

### Tamper resistant GFCI receptacles

<table>
<thead>
<tr>
<th>Rating</th>
<th>GFCI</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 A, 125 V*</td>
<td>GFCI</td>
<td>CAR-15-GFTR-CC³</td>
</tr>
<tr>
<td>20 A, 125 V*</td>
<td>GFCI</td>
<td>SCR-20-GFTR-CC⁴</td>
</tr>
</tbody>
</table>

---

*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>Catalog Number</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>Catalog Number</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>

### Receptacles for dimming use

**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>Catalog Number</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>Catalog Number</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.
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>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>120/125 V</td>
<td>RP-FDU-10-WH</td>
</tr>
<tr>
<td>White</td>
<td></td>
</tr>
<tr>
<td>120/125 V</td>
<td>RP-FDU-10-BR</td>
</tr>
<tr>
<td>Brown</td>
<td></td>
</tr>
</tbody>
</table>

UL/CSA/NOM regulatory approvals.

Important notes

- 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.
- 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.
- 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.
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

Connectors only for use with 6-port frame.

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>
<th>SC-1PS-CC⁴</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-way 15 A*</td>
<td>CA-3PSH-CC³</td>
<td>SC-3PS-CC⁴</td>
</tr>
<tr>
<td>4-way 15 A*</td>
<td>CA-4PSH-CC³</td>
<td>SC-4PS-CC⁴</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>
<th>SC-1PSNL-EE¹⁰</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-way 15 A*</td>
<td>CA-3PSNL-EE²</td>
<td>SC-3PSNL-EE¹⁰</td>
</tr>
<tr>
<td>4-way 15 A*</td>
<td>CA-4PSNL-EE²</td>
<td>SC-4PSNL-EE¹⁰</td>
</tr>
</tbody>
</table>

**Color Codes**

- **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)
- **EE⁴**: Only available in White (WH) and Black (BL)
- **EE¹⁰**: 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.
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](http://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

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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  +  Standard 1-gang backbox  +  Standard 1-gang architectural wallplate

Two Nova T® dimmers “Fins Broken” ganging  =  One fin broken*  +  Standard 2-gang backbox  +  Standard 2-gang architectural wallplate

Three Nova T® dimmers “Fins Broken” ganging  =  Inside: Two fins broken*  +  Standard 3-gang backbox  +  Standard 3-gang architectural wallplate

Outside: One fin broken*  Partial derating

Custom Architectural ganging example:

Two Nova T® dimmers “No Fins Broken” ganging  =  No fins broken  +  Backbox with chase nipple  +  Custom architectural wallplate

Full capacity

*The fins are scored and designed to be removed easily.

For further information on ganging and derating, visit www.lutron.com/multigang.
### Derating Table 1

**New Architectural | Vierti®**

**Designer | Maestro®, Maestro IR®, Maestro Wireless®, Spacer System®, Diva®, Lyneo® Lx, Skylark Contour™, Skylark®**

**Traditional | Abella®, Ceana®, 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>
</tbody>
</table>

| **Fan controls** |              |              |               |
| Quiet 7-speed    | 1.0 A / 300 W | 1.0 A / 300 W | 1.0 A / 300 W |
| Quiet 3-speed    | 1.5 A         | 1.5 A         | 1.5 A         |
| Fully variable   | 5 A           | 4 A           | 3 A           |

| **Fan/light controls** |              |              |               |
| Quiet 7-speed    | 1.0 A / 300 W | 1.0 A / 300 W | 1.0 A / 300 W |
| Quiet 3-speed    | 1.5 A / 300 W | 1.5 A / 300 W | 1.5 A / 300 W |
|                  | 1.5 A / 360 W | 1.5 A / 360 W | 1.5 A / 360 W |
| Fully variable   | 2.5 A / 300 W | 2.1 A / 250 W | 1.7 A / 200 W |

| **Electronic switches** |              |              |               |
| Vierti            | 6 A / 3 A    | 5 A / 3 A    | 3.5 A / 3 A   |
| Maestro (light/fan)| 8 A / 3 A    | 6.5 A / 3 A  | 5 A / 3 A     |
| Abella (light/fan)| 6 A / 3 A    | 5 A / 3 A    | 3.5 A / 3 A   |
## 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>
</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>300 W</td>
</tr>
<tr>
<td></td>
<td>1000 W</td>
<td>900 W</td>
<td>700 W</td>
</tr>
<tr>
<td></td>
<td>1500 W</td>
<td>1250 W</td>
<td>1000 W</td>
</tr>
<tr>
<td></td>
<td>1950 W</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/450 W</td>
<td>500 VA/400 W</td>
<td>300 VA/250 W</td>
</tr>
<tr>
<td></td>
<td>1000 VA/800 W</td>
<td>900 VA/750 W</td>
<td>700 VA/500 W</td>
</tr>
<tr>
<td></td>
<td>1500 VA/1200 W</td>
<td>1250 VA/1000 W</td>
<td>1000 VA/800 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>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><strong>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</strong></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>
<td></td>
<td>16 A</td>
<td>no derating</td>
<td>no derating</td>
</tr>
<tr>
<td>0-10 VDC control</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 tapswitches</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VETS-1000-</td>
<td>1000 W</td>
<td>800 W</td>
<td>650 W</td>
</tr>
<tr>
<td>VETS-1000-SL-</td>
<td>1000 W</td>
<td>900 W</td>
<td>700 W</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.
### Dimmer capabilities and interface requirements

- **Multi-location** — true dimming from each location
- **eco-model available**
- **Compatible dimmer (no interface)**
- **WBX** Requires interface, see notes below

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>Capacity</th>
<th>Multi-location</th>
<th>Eco-model available</th>
<th>Compatible dimmer (no interface)</th>
<th>WBX</th>
<th>TVI</th>
<th>3F</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Incandescent/halogen 120 V</strong></td>
<td>600 W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1000 W</td>
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<td></td>
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</table>

**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)

**TVI**: 0-10V Interface (GRX-TVl)

**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)


*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

- **M**: Multi-location—true dimming from each location
- **E**: eco-model available
- **WBX** or **TVI** or **3F** or **PA**: Requires interface, see notes below

### Dimmers

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>capacity†</th>
<th>M</th>
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<th>M</th>
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<td><strong>0-10 VDC</strong> (ballasts or LED Drivers)</td>
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<td>TVI</td>
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</table>

### 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

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<th>capacity</th>
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**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)

**TVI**: 0-10V Interface (GRX-TVI)

**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

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**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)

**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)

**E**: eco-model available

**M**: Multi-location—true dimming from each location

**WBX**, **TVI**, **3F**, **PA** Requires interface, see notes below


†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).
## Dimmer models/load interface compatibility

<table>
<thead>
<tr>
<th>Dimmer Family</th>
<th>Incandescent, magnetic and electronic low-voltage (120/277V)</th>
<th>3-wire Fluorescent ballasts or Hi-lume&lt;sup&gt;®&lt;/sup&gt; LED drivers (120/277V)</th>
<th>0-10 VDC Ballasts or LED drivers (120/277V)</th>
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<tbody>
<tr>
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<td>3F</td>
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</tr>
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<td>PHPM-3F-DV-WH</td>
<td>0-10V Interface GRX-TVI</td>
</tr>
</tbody>
</table>

### Dimmer Family

- **Abella<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Ariadni<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Ceana<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Diva<sup>®</sup> Gloss**
  - Single-pole
  - 3-way or multi-location

- **Diva Satin Colors<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Glyder<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Lyneo<sup>®</sup> Lx**
  - Single-pole
  - 3-way or multi-location

- **Maestro<sup>®</sup> Gloss**
  - Single-pole
  - 3-way or multi-location

- **Maestro<sup>®</sup> Satin Colors<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Maestro Wireless<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Nova<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Nova T<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Skylark<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Spacer System<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Vareo<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

- **Vierti<sup>®</sup>**
  - Single-pole
  - 3-way or multi-location

---

*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.
## Dimmer models/load interface compatibility

<table>
<thead>
<tr>
<th>Dimmer Family</th>
<th>Tu-Wire® Fluorescent Ballasts (120V)</th>
<th>Switched Lighting (120/277V)</th>
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<td>Switching Power Module*</td>
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<td>Abella®</td>
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<td>Ariadni®</td>
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<td>AYF-103P-</td>
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<td>Ceana®</td>
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<tr>
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<td>LX-1PSL-</td>
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<td>LX-3PSL-</td>
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<td>Maestro® Gloss</td>
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<td>Skylark®</td>
<td>SF-10P-</td>
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<td>SPSF-S6A-</td>
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<td>Vareo®</td>
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<td>VF-10-</td>
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<td>Vierti®</td>
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<td>contact Lutron</td>
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</tbody>
</table>

### 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 120/277 V model given, 120 V only versions are also available. Please see Technical notes, pg. 179.*
Maestro®

3-wire fluorescent dimming

Lamps:
- Compact Twin Tube
- U-Bent
- Linear

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 Twin Tube
- U-Bent
- Linear

Tu-Wire® Ballasts

3-Wire Fluorescent Dimmer

0-10V fluorescent dimming

Lamps:
- 0-10V Ballasts (by others)

Phase Adaptive Power Interface

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®

LED dimming

Low Voltage LED Lighting

Hi-lume® LED Driver

0-10V LED Drivers (by others)

3-Wire Fluorescent Dimmer

3-Wire Fluorescent Dimmer

MLV Dimmer

MLV Transformer (by others)

ELV Transformer (by others)

Low Voltage dimming

Magnetic Low Voltage

Electronic Low Voltage

0-10V Interface

Wallbox Phase Adaptive Interface

Wallbox Phase Adaptive Interface

Wallbox Phase Adaptive Interface

Wallbox Phase Adaptive Interface

3-Wire Fluorescent Dimmer

3-Wire Fluorescent Dimmer

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 0-10V LED drivers.

† 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.

† 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.

*Refer to pg. 54 for specific load type.
†Interface provides additional capacity and/or may be different voltage than dimmer.
Maestro®

Incandescent dimming

Incandescent/Halogen

Incandescent dimming

Incandescent/Halogen

Incandescent dimming

Incandescent/Halogen

Switched loads

Non-Dim Lighting

Switched Fan

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

*Refer to pg. 54 for specific load type.