2.94 in (75 mm)

4.69 in (119 mm)

.30 in (7.6 mm) profile

Shown actual size: Maestro Wireless dimmer and 1-gang Claro wallplate in White (WH), with a Pico wireless control in White/Gray (WG).

Shown actual size: Pico wireless control in White/Gray (WG), W: 1.25 in (31.75 mm) x H: 2.625 in (66.68 mm) x D: .33 in (8 mm).

## 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*

| **WH**<br>White | **LA**<br>Light Almond | **AL**<br>Almond | **IV**<br>Ivory | **GR**<br>Gray | **BR**<br>Brown | **BL**<br>Black |

Satin finishes*

| **SW**<br>Snow | **LS**<br>Limestone | **BI**<br>Biscuit | **ES**<br>Eggshell | **PD**<br>Palladium | **TP**<br>Taupe | **ST**<br>Stone |

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

| **MS**<br>Mocha Stone | **TC**<br>Terracotta | **SI**<br>Sienna | **HT**<br>Hot | **MR**<br>Merlot | **MN**<br>Midnight | **SS**<br>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, 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

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

## 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)
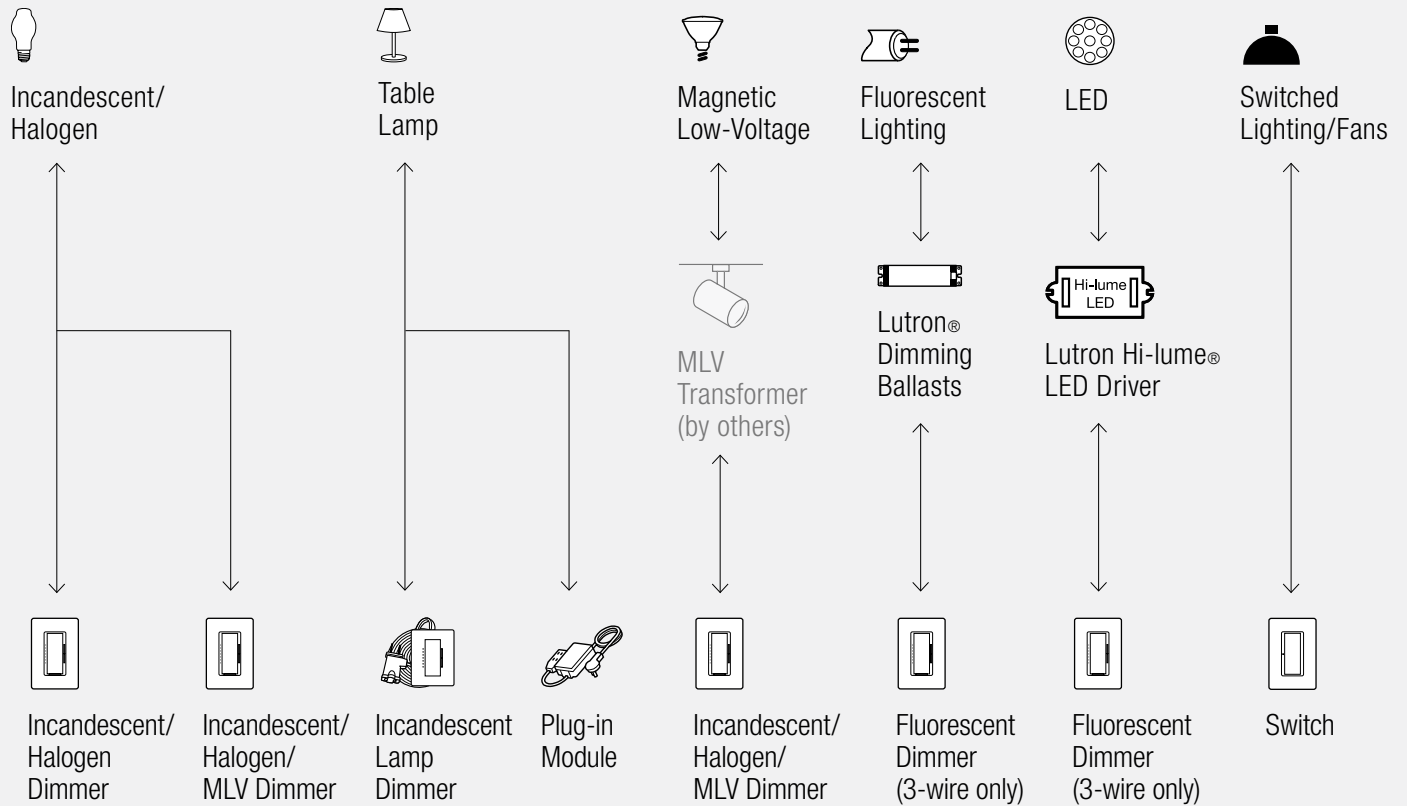
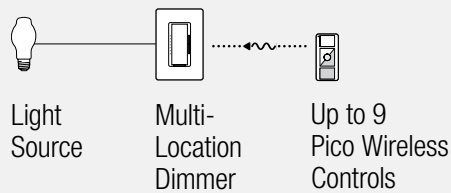### Single pedestal configuration

### Dual pedestal configuration

## Connections overview

### Load connections*

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

MLV Transformer (by others)

Lutron® Dimming Ballasts

Lutron Hi-lume® LED Driver

| Incandescent/ Halogen Dimmer | Incandescent/ Halogen/ MLV Dimmer | Incandescent Lamp Dimmer | Plug-in Module | Incandescent/ Halogen/ MLV Dimmer | Fluorescent Dimmer (3-wire only) | Fluorescent Dimmer (3-wire only) | Switch |
|---|---|---|---|---|---|---|---|

### 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

Dim from multiple-locations (up to 10)

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

### Pico mounting options

Handheld Control

Wall-Mount (Surface Mount or Wallbox)

Tabletop Control (Single or Dual Mount Pedestal)
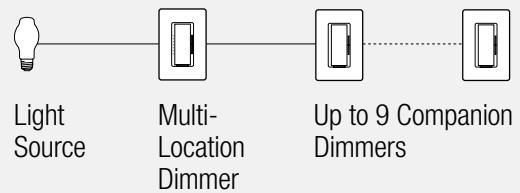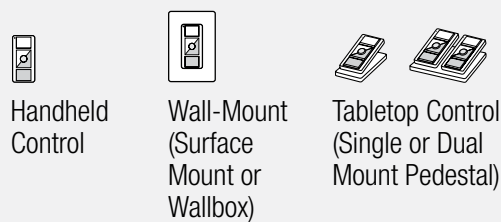
Switch from multiple-locations (up to 10)

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

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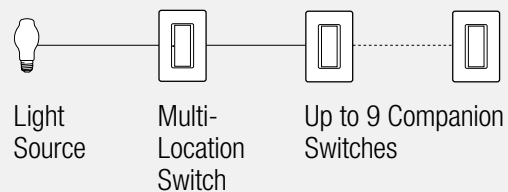
For more information on ballasts, visit **www.lutron.com/ballasts**.
For more information on LED drivers, visit **www.lutron.com/LED**.

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

## Dimmer model numbers

### Incandescent/halogen dimmers

Digital fade dimmers†

| | |
|---|---|
| Multi-location/single-pole 120V 600W | MRF2-600M-**CC¹** |

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

Digital fade dimmer†

| | |
|---|---|
| Multi-location/single-pole 120V 600W/VA | MRF2-6MLV-**CC¹** |

Digital fade dimmers—specification grade

| | |
|---|---|
| Multi-location/single-pole*† 120V 600W/VA | MRF2-6ND-120-**CC¹** |
| Multi-location/single-pole† 120V 1000W/VA | MRF2-10D-120-**CC¹** |

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 120/277V 6A | MRF2-F6AN-DV-**CC¹** |

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 120/277V 6A | MRF2-F6AN-DV-**CC¹** |

For use with Hi-lume LED driver only.

For more information on Hi-lume LED drivers, visit **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-**EE⁴** |

Rated for: incandescent/halogen.

### Plug-in wireless module

Plug-in lamp dimmer module

| | |
|---|---|
| 1 receptacle 120V 300W | MRF2-3PD-1-**EE⁴** |
| 3 receptacles 120V 300W | MRF2-3PD-3-**EE⁴** |

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 120V 15A 1/2HP | MRF2-15APS-1-**EE⁴** |

---

**CC¹**: Gloss and Satin color codes, see pg. 69 (Wallplates not included, 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 50W/VA.

## Switch model numbers

### ♠ Switches

#### Digital switch*

| | |
|---|---|
| Multi-location/single-pole 120V 6A light or 3A fan | MRF2-6ANS-**CC¹** |

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* 120V 8A light or 5.8A fan | MRF2-8ANS-120-**CC¹** |
| Multi-location/single-pole** 120V 8A light or 3A fan or 1/4HP motor 277V 8A light or 3A fan | MRF2-8S-DV-**CC¹** |

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 model numbers

### Companion controls

#### Companion dimmers

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

No derating required if ganged.

#### Companion switches

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

No derating required if ganged.

---

**CC¹**: Gloss and Satin color codes, see pg. 69
**CC³**: Gloss color codes, see pg. 69
**CC⁴**: 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 Savr™ ceiling mount wireless sensors

| | |
|---|---|
| Occupancy/vacancy sensor | LRF2-OCRB-P-**EE³** |
| Vacancy sensor | LRF2-VCRB-**EE³** |

#### Radio Powr Savr™ wall-mount wireless sensors

| | |
|---|---|
| Occupancy/vacancy sensor 180° wall-mount | LRF2-OWLB-P-WH |
| Vacancy sensor 180° wall-mount | LRF2-VWLB-P-WH |
| Occupancy/vacancy sensor 90° corner-mount | LRF2-OKLB-P-WH |
| Vacancy sensor 90° corner-mount | LRF2-VKLB-P-WH |
| Occupancy/vacancy sensor Hallway | LRF2-OHLB-P-WH |
| Vacancy sensor Hallway | 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 Savr™ 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 |

---

**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

## Wallplates

4.75 in (121 mm)

4.69 in (119 mm)
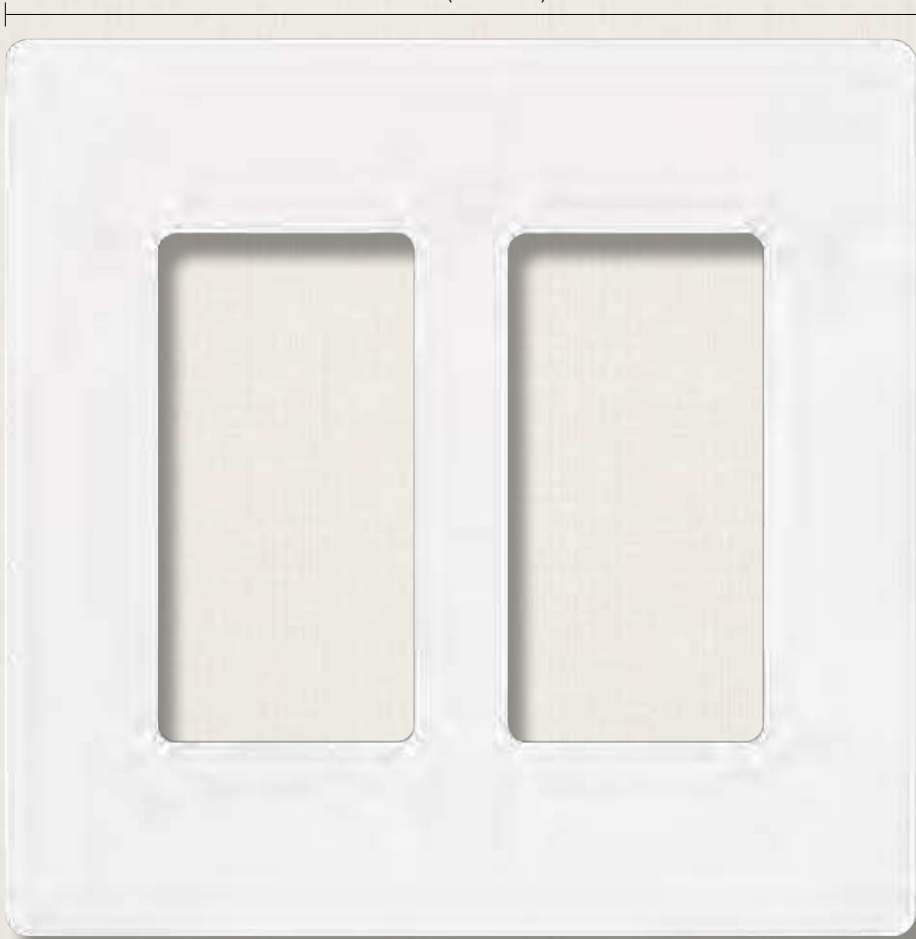
.30 in (7.6 mm) profile

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

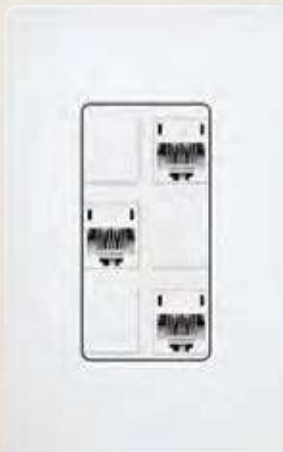For more information about Designer wallplates, see pg. 160.

## Coordinated electrical devices

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

Tamper resistant GFCI receptacle

Customizable 6-port frame

Cable jack

4.75 in (121 mm)

4.69 in (119 mm)

.30 in (7.6 mm) profile

Shown actual size: Maestro dimmers and 2-gang Claro wallplate in White (WH).
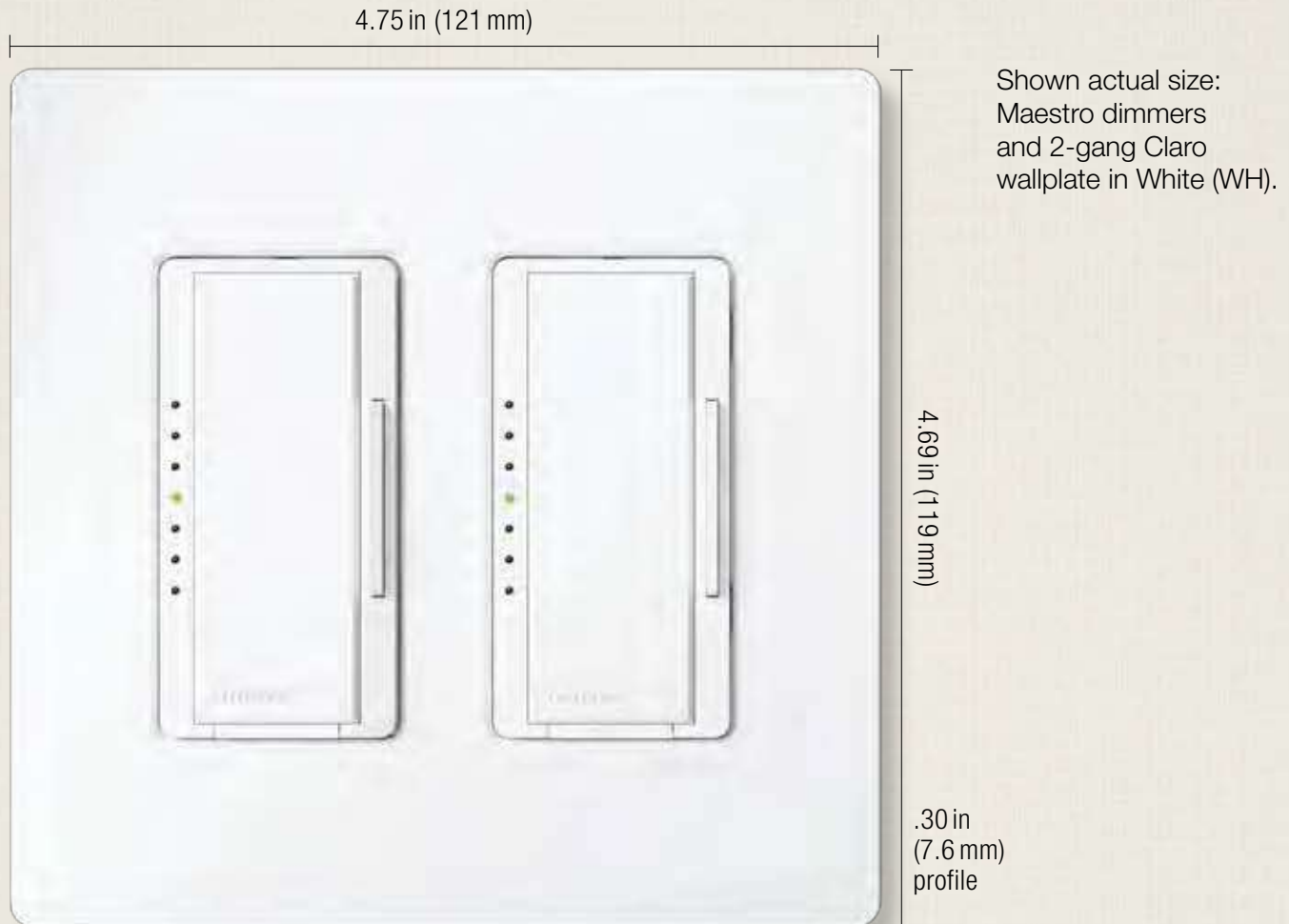
## Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Maestro®, Maestro IR®, Maestro Wireless®, PicoTM wireless control, Spacer System®, Diva®, Lyneo® Lx, Skylark®, Skylark ContourTM

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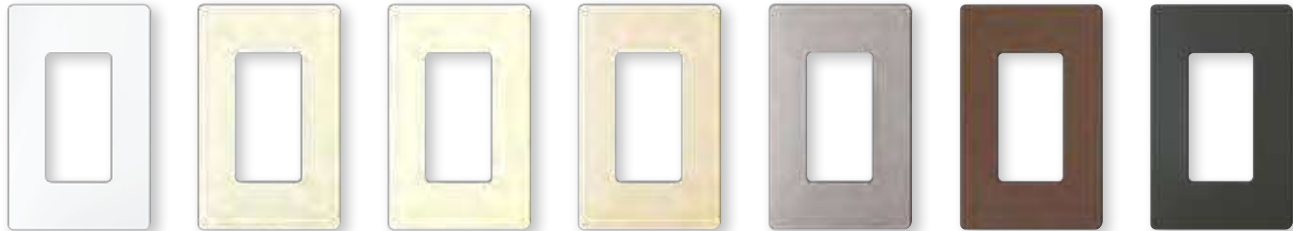
| **WH** White | **LA** Light Almond | **AL** Almond | **IV** Ivory | **GR** Gray | **BR** Brown | **BL** Black |
|---|---|---|---|---|---|---|

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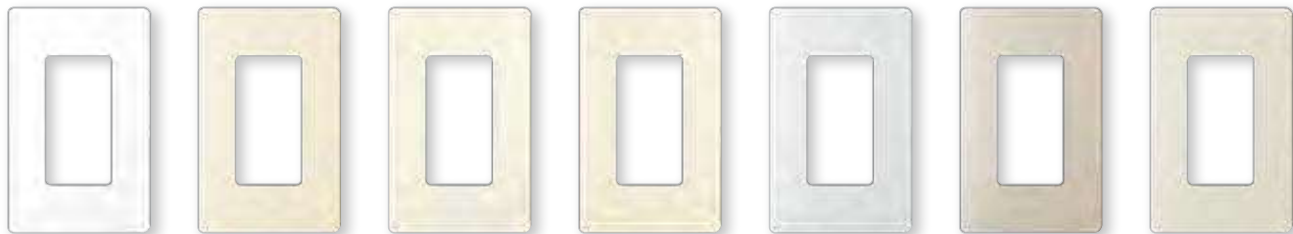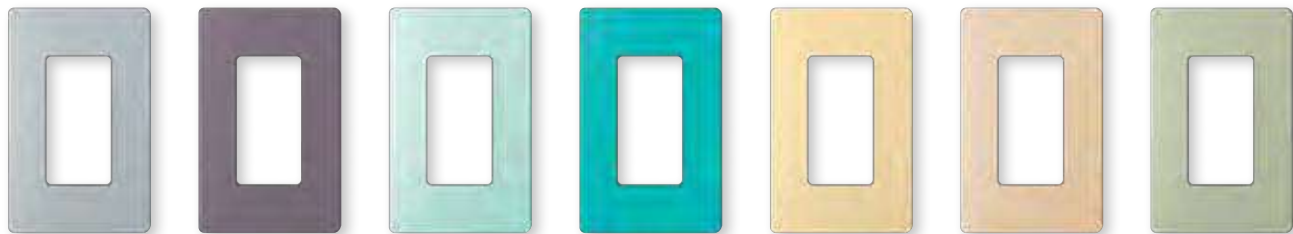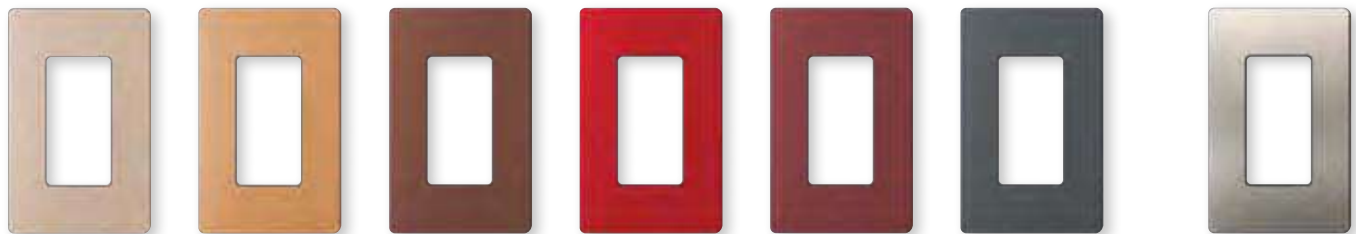
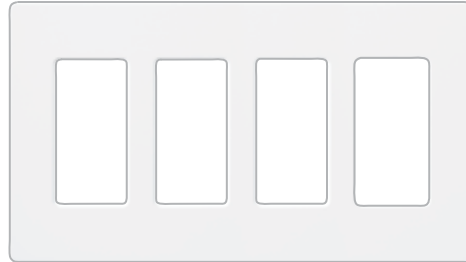| **SW** Snow | **LS** Limestone | **BI** Biscuit | **ES** Eggshell | **PD** Palladium | **TP** Taupe | **ST** Stone |
|---|---|---|---|---|---|---|

| **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**
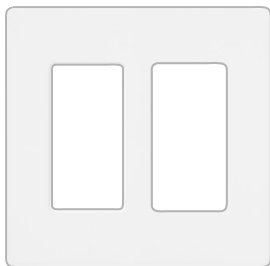                                            SC-1-**CC⁴**

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)

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

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**.

> Multi-gang dimmer installations may require derating, see pg. 170.
>
> *Stainless Steel finish wallplates include black plastic trim/adapter, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.

6-gang*                                    CW-6-**CC²**
                                           SC-6-**CC⁴**
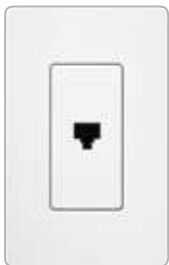
W: 12.00 in (305 mm); H: 4.69 in (119 mm);
D: .30 in (7.6 mm)

## Cable jacks



• F-style, 75-Ohm coaxial cable

Single cable jack*                         CA-CJH-**CC³**
                                           SC-CJ-**CC⁴**

## Telephone jacks



• 6-conductor telephone jack, RJ11

Single telephone jack*                     CA-PJH-**CC³**
                                           SC-PJ-**CC⁴**

**CC²**: Gloss and Stainless Steel color codes,
        see pg. 161
**CC³**: Gloss color codes, see pg. 161
**CC⁴**: Satin color codes, see pg. 161

## Receptacles



### Tamper resistant receptacles

| | |
|---|---|
| 15 A, 125 V* | CARS-15-TR-**CC³** |
| | SCRS-15-TR-**CC⁴** |
| 20 A, 125 V* | SCRS-20-TR-**CC⁴** |

### Receptacles

| | |
|---|---|
| 15 A, 125 V* | CAR-15 H-**CC³** |
| | SCR-15-**CC⁴** |
| 20 A, 125 V* | SCR-20-**CC⁴** |

## GFCI Receptacles



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

### Tamper resistant GFCI receptacles

| | | |
|---|---|---|
| 15 A, 125 V* | GFCI | CAR-15-GFTR-**CC³** |
| | | SCR-15-GFTR-**CC⁴** |
| 20 A, 125 V* | GFCI | SCR-20-GFTR-**CC⁴** |

*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 both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plugs for dimming use

#### Duplex for dimming use

| | | |
|---|---|---|
| 15 A | 120/125 V* | CAR-15-DFDU-**CC²** |
| 15 A | 120/125 V* | SCR-15-DFDU-**CC⁴** |
| 20 A | 120/125 V* | CAR-20-DFDU-**CC²** |
| 20 A | 120/125 V* | SCR-20-DFDU-**CC⁴** |

### Receptacles 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

#### Split duplex (half for dimming use)

| | | |
|---|---|---|
| 15 A | 120/125 V* | CAR-15-HFDU-**CC²** |
| 15 A | 120/125 V* | SCR-15-HFDU-**CC⁴** |
| 20 A | 120/125 V* | CAR-20-HFDU-**CC²** |
| 20 A | 120/125 V* | SCR-20-HFDU-**CC⁴** |

### 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
- Tamper resistant shutter mechanism

#### Dual dimming tamper resistant

| | | |
|---|---|---|
| 15 A | 120/125 V* | CAR-15-DDTR-**CC²** |
| 15 A | 120/125 V* | SCR-15-DDTR-**CC⁴** |
| 20 A | 120/125 V* | CAR-20-DDTR-**CC²** |
| 20 A | 120/125 V* | SCR-20-DDTR-**CC⁴** |

### Receptacles 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
- 15 A model shown
- Tamper resistant shutter mechanism

#### Half dimming tamper resistant

| | | |
|---|---|---|
| 15 A | 120/125 V* | CAR-15-HDTR-**CC²** |
| 15 A | 120/125 V* | SCR-15-HDTR-**CC⁴** |
| 20 A | 120/125 V* | CAR-20-HDTR-**CC²** |
| 20 A | 120/125 V* | SCR-20-HDTR-**CC⁴** |

---

**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

| | |
|---|---|
| 120/125 V<br>White | RP-FDU-10-WH |
| 120/125 V<br>Brown | RP-FDU-10-BR |

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**.

**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 |

Connectors only for use with 6-port frame.

## Switches

- Paddle turns on/off
- Use with any 15A load
- General purpose switching of all sources and motor loads
- No derating if ganged

### General purpose switches (120/277 V)

| Single-pole | 15 A* | CA-1PSH-**CC³** |
| | | SC-1PS-**CC⁴** |
| 3-way | 15 A* | CA-3PSH-**CC³** |
| | | SC-3PS-**CC⁴** |
| 4-way | 15 A* | CA-4PSH-**CC³** |
| | | SC-4PS-**CC⁴** |

### General purpose switch with locator light (120 V only)

| Single-pole | 15 A* | CA-1PSNL-**EE²** |
| | | SC-1PSNL-**EE¹⁰** |
| 3-way | 15 A* | CA-3PSNL-**EE²** |
| | | SC-3PSNL-**EE¹⁰** |
| 4-way | 15 A* | CA-4PSNL-**EE²** |
| | | SC-4PSNL-**EE¹⁰** |

---

**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)
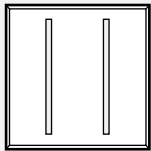- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pgs. 172–173

### 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** for additional information

## Standard ganging for dimmers, switches and accessories
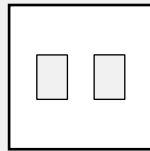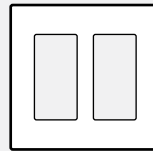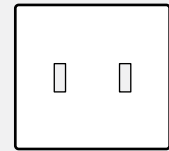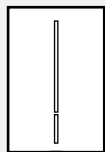
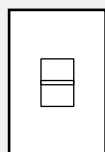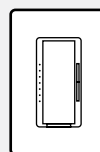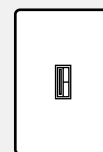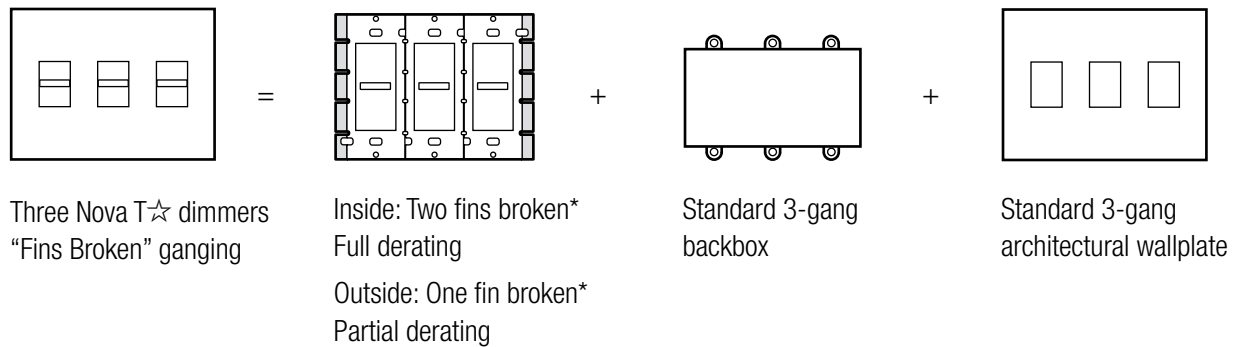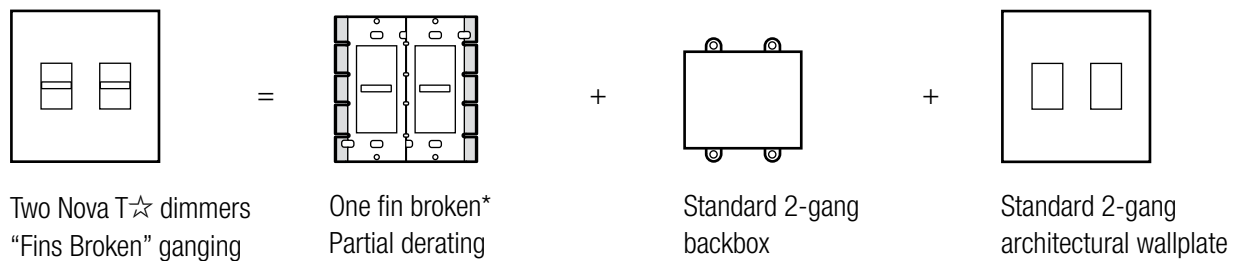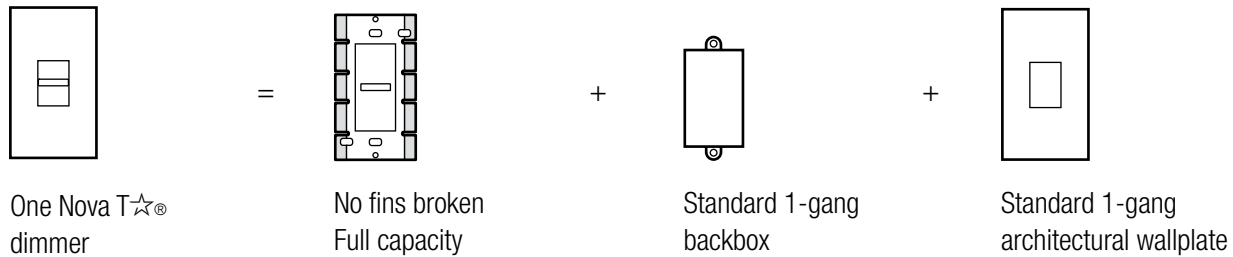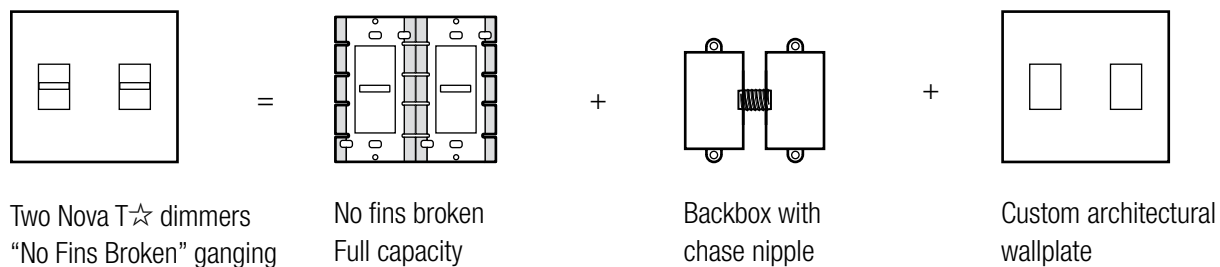| **New Architectural** | **Architectural** | **Designer** | **Traditional** |
|---|---|---|---|
|  |  |  |  |
| pg. 148 | pg. 152 | pg. 160 | pg. 166 |
|  |  |  |  |
| Vierti® | Vareo®<br>Nova T☆® | Maestro®<br>Maestro IR®<br>Maestro Wireless®<br>Spacer System®<br>Diva®<br>Lyneo® Lx<br>Skylark®<br>Skylark Contour™ | Abella®<br>Ceana®<br>Ariadni®<br>Glyder®<br>Rotary |
| Derating Table 1<br>pg. 172 | Derating Table 2<br>pg. 173 | Derating Table 1<br>pg. 172 | Derating Table 1<br>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**.

*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®, Ceana®, Ariadni®, Glyder®, Rotary

| | No fins broken | 1 fin broken | 2 fins broken |
|---|---|---|---|
| **Incandescent** | | | |
| Dimmers | 600 W | 500 W | 400 W |
| | 1000 W | 800 W | 650 W |
| Dual dimmers | 300 W | 250 W | 200 W |
| | 300 W | 250 W | 200 W |
| **Magnetic low-voltage** | | | |
| Dimmers | 600 VA / 450 W | 500 VA / 400 W | 400 VA / 300 W |
| | 1000 VA / 800 W | 800 VA / 650 W | 650 VA / 500 W |
| **Electronic low-voltage** | | | |
| Dimmers | 300 W | 250 W | 200 W |
| | 500 W | 450 W | 400 W |
| | 600 W | 500 W | 400 W |
| **Fluorescent** | | | |
| Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem® | | | |
| Vierti | 60 ballasts / 6 A | 50 ballasts / 5 A | 35 ballasts / 3.5 A |
| Maestro/Spacer System | 20 ballasts / 6 A | 20 ballasts / 5 A | 20 ballasts / 3.5 A |
| Diva, Skylark, Lyneo Lx and Ariadni | no derating | no derating | no derating |
| Tu-Wire®: Spacer System, Diva, Skylark | 5 A | 4 A | 3.3 A |
| **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☆®

| | No fins broken | 1 fin broken | 2 fins broken |
|---|---|---|---|
| **Incandescent** | | | |
| Dimmers | 600 W | 500 W | 300 W |
| | 1000 W | 900 W | 700 W |
| | 1500 W | 1250 W | 1000 W |
| | 1950 W | – | – |
| **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** | | | |
| Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem® | | | |
| Vareo | 20 ballasts / 8 A | 20 ballasts / 6 A | 20 ballasts / 4.5 A |
| Nova T☆ | 6 A | no derating | no derating |
| | 8 A | no derating | no derating |
| | 16 A | no derating | no derating |
| 0-10 VDC control[1] | 30 mA ballasts | no derating | no derating |
| Tu-Wire® | 5 A | 4 A | 3.3 A |
| **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 tapswitches**[2] | | | |
| 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**.

[1]PowerPack required for line voltage switching.
[2]VETS-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  TVI  3F  PA  Requires interface, see notes below



| | | Vierti®* pg. 14 | Vareo® pg. 20 | Nova T☆® pg. 26 | Nova® pg. 34 | Centurion® pg. 42 |
|---|---|---|---|---|---|---|
| **Dimmers** | capacity† | Ⓜ | | | | |
| 💡 **Incandescent/halogen** 120V | 600W | ■ | ■ | Ⓜ | ■ | ■ |
| | 1000W | ■ | ■ | Ⓜ | ■ | ■ |
| | 1500W | | WBX | ■ | ■ | ■ |
| | 2000W | | WBX | ■ | ■ | ■ |
| **Magnetic low-voltage** 120V | 600VA (450W) | ■ | ■ | | ■ | |
| | 1000VA (800W) | ■ | ■ | | ■ | |
| | 1500VA (1200W) | | WBX | ■ | ■ | |
| | 2000VA (1600W) | | WBX | WBX | ■ | |
| **Magnetic low-voltage** 277V | 600VA (450W) | | WBX | ■ | WBX | |
| | 1000VA (800W) | | WBX | ■ | WBX | |
| **Electronic low-voltage** 120V | 300W | | WBX | ■ | | |
| | 450W | | WBX | WBX | ■ | |
| | 600W | ■ | WBX | ■ | WBX | |
| **Electronic low-voltage** 277V | 16A | | WBX | WBX | WBX | |
| **Neon/cold cathode** | | | WBX | WBX | ■ | |
| **3-wire ballasts and Hi-lume® LED driver** 120V | 6A | ■ | ■ | ■ | ■ | |
| Hi-lume, Hi-lume Compact SE, | 8A | | ■ | ■ | ■ | |
| Eco-10® and EcoSystem® ballasts | 16A | | 3F | ■ | ■ | |
| **3-wire ballasts and Hi-lume LED driver** 277V | 6A | ■ | 3F | ■ | ■ | |
| Hi-lume, Hi-lume Compact SE, | 8A | | 3F | ■ | ■ | |
| Eco-10 and EcoSystem ballasts | 16A | | 3F | 3F | 3F | |
| **Tu-Wire® ballasts** 120V | 5A | | PA | ■ | ■ | |
| **0-10VDC** (ballasts or LED Drivers) 120/277V | 16A | TVI | TVI | ■ | ■ | |

**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)

**See pgs. 178–179 for specific compatible dimmer models and switching interface solutions**.

*Consult Lutron Technical Support for information on interfaces with Vierti.
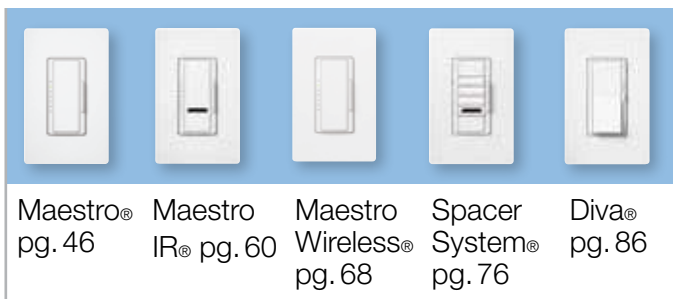†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).

## 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

| | | Maestro® pg. 46 | Maestro IR® pg. 60 | Maestro Wireless® pg. 68 | Spacer System® pg. 76 | Diva® pg. 86 |
|---|---|---|---|---|---|---|
| **Dimmers** | **capacity†** | ⓜ | ⓜ | ⓜ | ⓜ | |
| **Incandescent/halogen** 120V | 600W | ⓔ ■ | ■ | ■ | ■ | ⓔ ■ |
| | 1000W | ■ | ■ | ■ | ■ | ■ |
| | 1500W | WBX | | WBX | WBX | WBX |
| | 2000W | WBX | | WBX | WBX | WBX |
| **Magnetic low-voltage** 120V | 600VA (450W) | ■ | ■ | ■ | ■ | ■ |
| | 1000VA (800W) | ■ | ■ | ■ | ■ | ■ |
| | 1500VA (1200W) | WBX | | WBX | WBX | WBX |
| | 2000VA (1600W) | WBX | | WBX | WBX | WBX |
| **Magnetic low-voltage** 277V | 600VA (450W) | WBX | | WBX | WBX | WBX |
| | 1000VA (800W) | WBX | | WBX | WBX | WBX |
| **Electronic low-voltage** 120V | 300W | | | WBX | | ■ |
| | 450W | | | WBX | | WBX |
| | 600W | ■ | ■ | WBX | ■ | WBX |
| **Electronic low-voltage** 277V | 16A | WBX | | WBX | WBX | WBX |
| **Neon/cold cathode** | | | | WBX | | WBX |
| **3-wire ballasts and Hi-lume® LED driver** 120V | 6A | ■ | | ■ | ■ | |
| Hi-lume, Hi-lume Compact SE, | 8A | 3F | | 3F | 3F | ■ |
| Eco-10® and EcoSystem® ballasts | 16A | 3F | | 3F | 3F | 3F |
| **3-wire ballasts and Hi-lume LED driver** 277V | 6A | ■ | | ■ | ■ | ■ |
| Hi-lume, Hi-lume Compact SE, | 8A | 3F | | 3F | 3F | 3F |
| Eco-10 and EcoSystem ballasts | 16A | 3F | | 3F | 3F | 3F |
| **Tu-Wire® ballasts** 120V | 5A | PA | | PA | ■ | ■ |
| **0-10VDC** (ballasts or LED Drivers) 120/277V | 16A | TVI | | TVI | TVI | TVI |

**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)

See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.

†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

| Dimmers | capacity† | Lyneo® Lx pg. 94 | Skylark Contour™ pg. 100 | Skylark® pg. 104 | Abella® pg. 114 (M) |
|---|---|---|---|---|---|
| **Incandescent/halogen** 120V | 600W | ◼ | **E** | **E** | ◼ |
| | 1000W | ◼ | | ◼ | ◼ |
| | 1500W | WBX | | WBX | |
| | 2000W | WBX | | WBX | |
| **Magnetic low-voltage** 120V | 600VA (450W) | ◼ | | ◼ | ◼ |
| | 1000VA (800W) | ◼ | | WBX | ◼ |
| | 1500VA (1200W) | WBX | | WBX | |
| | 2000VA (1600W) | WBX | | WBX | |
| **Magnetic low-voltage** 277V | 600VA (450W) | WBX | | WBX | |
| | 1000VA (800W) | WBX | | WBX | |
| **Electronic low-voltage** 120V | 300W | | | ◼ | |
| | 450W | | | WBX | |
| | 600W | ◼ | | WBX | |
| **Electronic low-voltage** 277V | 16A | WBX | | WBX | |
| **Neon/cold cathode** | | WBX | | WBX | |
| **3-wire ballasts and Hi-lume® LED driver** 120V | 6A | | | | |
|    Hi-lume, Hi-lume Compact SE, | 8A | ◼ | | ◼ | |
|    Eco-10® and EcoSystem® ballasts | 16A | 3F | | 3F | |
| **3-wire ballasts and Hi-lume LED driver** 277V | 6A | ◼ | | ◼ | |
|    Hi-lume, Hi-lume Compact SE, | 8A | 3F | | 3F | |
|    Eco-10 and EcoSystem ballasts | 16A | 3F | | 3F | |
| **Tu-Wire® ballasts** 120V | 5A | PA | | ◼ | |
| **0-10VDC** (ballasts or LED Drivers) 120/277V | 16A | TVI | | TVI | |

**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)

**See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.**

†UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).
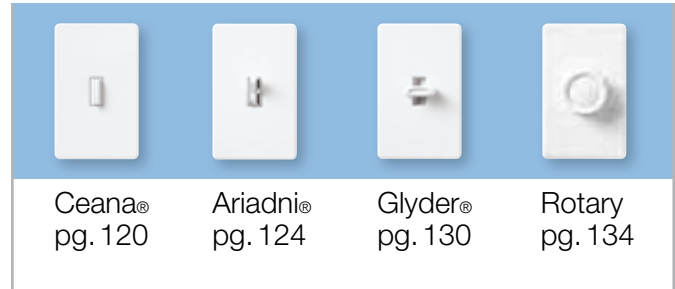
**Dimmer capabilities and interface requirements**

**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

| | | Ceana® pg. 120 | Ariadni® pg. 124 | Glyder® pg. 130 | Rotary pg. 134 |
|---|---|---|---|---|---|

| Dimmers | capacity[†] | | | | |
|---|---|---|---|---|---|
| ◯ **Incandescent/halogen** 120V | 600W | ▨ | **E** | ▨ | **E** |
| | 1000W | ▨ | ▨ | ▨ | |
| | 1500W | | WBX | | |
| | 2000W | | WBX | | |
| ▽ **Magnetic low-voltage** 120V | 600VA (450W) | ▨ | ▨ | ▨ | |
| | 1000VA (800W) | | ▨ | | |
| | 1500VA (1200W) | | WBX | | |
| | 2000VA (1600W) | | WBX | | |
| ▽ **Magnetic low-voltage** 277V | 600VA (450W) | | WBX | | |
| | 1000VA (800W) | | WBX | | |
| ▽ **Electronic low-voltage** 120V | 300W | | WBX | | |
| | 450W | | WBX | | |
| | 600W | | WBX | | |
| ▽ **Electronic low-voltage** 277V | 16A | | WBX | | |
| ⌀ **Neon/cold cathode** | | | WBX | | |
| **3-wire ballasts and Hi-lume® LED driver** 120V | 6A | | | | |
| Hi-lume, Hi-lume Compact SE, | 8A | | ▨ | | |
| Eco-10® and EcoSystem® ballasts | 16A | | 3F | | |
| **3-wire ballasts and Hi-lume LED driver** 277V | 6A | | ▨ | | |
| Hi-lume, Hi-lume Compact SE, | 8A | | 3F | | |
| Eco-10 and EcoSystem ballasts | 16A | | 3F | | |
| **Tu-Wire® ballasts** 120V | 5A | | PA | | |
| **0-10VDC** (ballasts or LED Drivers) 120/277V | 16A | | TVI | | |

---

**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)

**See pgs. 178–179 for specific compatible dimmer models and switching interface solutions.**

[†]UL listed for FULL wattage indicated (derate capacity only if ganged with other devices).

**Dimmer models/load interface compatibility**

| Dimmer Family | Incandescent, magnetic and electronic low-voltage (120/277 V) WBX Wallbox Phase Adaptive Power Module* PHPM-WBX-DV-WH | | 3-wire Fluorescent ballasts or Hi-lume® LED drivers (120/277 V) 3F Fluorescent Power Module* PHPM-3F-DV-WH | | 0-10VDC Ballasts or LED drivers (120/277 V) TVI 0-10 V Interface GRX-TVI | |
|---|---|---|---|---|---|---|
| | Single-pole | 3-way or multi-location | Single-pole | 3-way or multi-location | Single-pole | 3-way or multi-location |
| Abella® | – | – | – | – | – | – |
| Ariadni® | – | AYF-103P- | – | AYF-103P- | – | AYF-103P- |
| Ceana® | – | – | – | – | – | – |
| Diva® Gloss | – | DVF-103P- | – | DVF-103P- | – | DVF-103P- |
| Diva Satin Colors® | – | DVSCF-103P- | – | DVSCF-103P- | – | DVSCF-103P- |
| Glyder® | – | – | – | – | – | – |
| Lyneo® Lx | – | LXF-103PL- | – | LXF-103PL- | – | LXF-103PL- |
| Maestro® Gloss | – | MAF-6AM- | – | MAF-6AM- | – | MAF-6AM- |
| Maestro® Satin Colors® | – | MSCF-6AM- | – | MSCF-6AM- | – | MSCF-6AM- |
| Maestro Wireless® | – | MRF2-F6AN-DV- | – | MRF2-F6AN-DV- | – | MRF2-F6AN-DV- |
| Nova® | NF-10- | NF-103P- | NF-10- | NF-103P- | NF-10- | NF-103P- |
| Nova T☆® | NTF-10- | NTF-103P- | NTF-10- | NTF-103P- | NTF-10- | NTF-103P- |
| Skylark® | SF-10P- | SF-103P- | SF-10P- | SF-103P- | SF-10P- | SF-103P- |
| Spacer System® | – | SPSF-6AM- | – | SPSF-6AM- | SPSF-S6A- | SPSF-6AM- |
| Vareo® | – | VF-10- | – | VF-10- | – | VF-10- |
| Vierti® | contact Lutron | | contact Lutron | | – | VTF-6AM- |

**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

| Dimmer Family | Tu-Wire® Fluorescent Ballasts (120V) PA — Phase Adaptive Power Module* PHPM-PA-DV-WH | | Switched Lighting (120/277V) SW — Switching Power Module* PHPM-SW-DV-WH | |
|---|---|---|---|---|
| | Single-pole | 3-way or multi-location | Single-pole | 3-way or multi-location |
| Abella® | – | – | – | AB-S6AM- |
| Ariadni® | – | AYF-103P- | – | – |
| Ceana® | – | – | – | – |
| Diva® Gloss | – | DVF-103P- | – | – |
| Diva Satin Colors® | – | DVSCF-103P- | – | – |
| Glyder® | – | – | – | – |
| Lyneo® Lx | – | LXF-103PL- | LX-1PSL- | LX-3PSL- |
| Maestro® Gloss | – | MAF-6AM- | – | MA-S8AM- |
| Maestro® Satin Colors® | – | MSCF-6AM- | – | MSC-S8AM- |
| Maestro Wireless® | – | MRF2-F6AN-DV- | – | MRF2-6ANS- |
| Nova® | NF-10- | NF-103P- | – | – |
| Nova T☆® | NTF-10- | NTF-103P- | – | – |
| Skylark® | SF-10P- | SF-103P- | – | – |
| Spacer System® | SPSF-S6A- | SPSF-6AM- | SPSF-S6A- | SPSF-S6AM- |
| Vareo® | – | VF-10- | – | VETN-1000- |
| Vierti® | contact Lutron | | contact Lutron | |

### Technical notes

- Lighting load interfaces must be matched to load type and voltage
- All load interfaces for dimmed load are controlled by a 120V 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
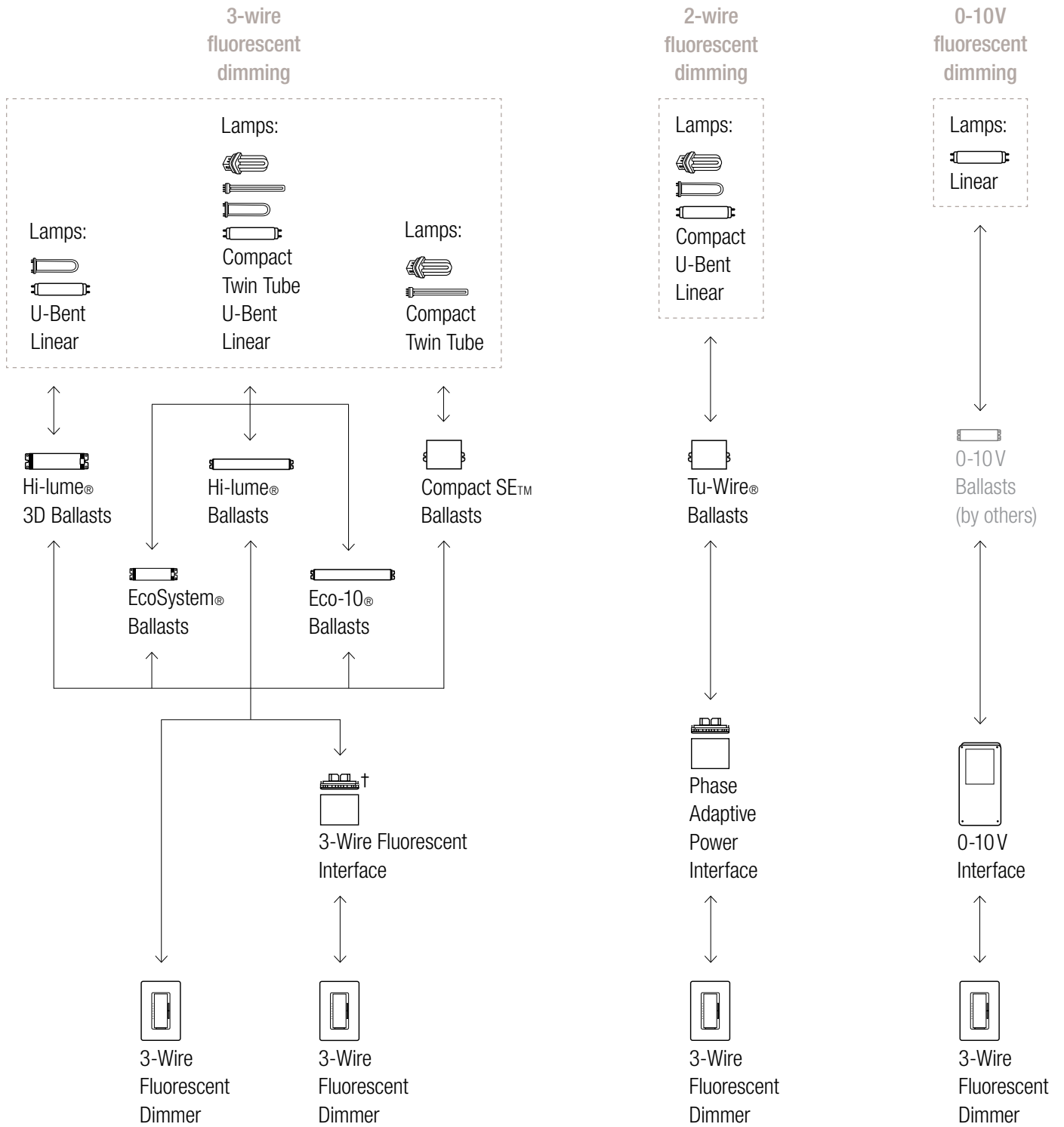- For assistance and additional solutions, consult Lutron Technical Support at 1.800.523.9466 (24 hours/7 days)

### 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.

# Maestro Wireless®

| 3-wire fluorescent dimming | 2-wire fluorescent dimming | 0-10V fluorescent dimming |

**3-wire fluorescent dimming**

Lamps:
Compact Twin Tube
U-Bent
Linear

Lamps:
U-Bent
Linear

Lamps:
Compact Twin Tube

**2-wire fluorescent dimming**

Lamps:
Compact
U-Bent
Linear

**0-10V fluorescent dimming**

Lamps:
Linear

Hi-lume® 3D Ballasts

Hi-lume® Ballasts

Compact SE™ Ballasts

Tu-Wire® Ballasts

0-10 V Ballasts (by others)

EcoSystem® Ballasts

Eco-10® Ballasts

3-Wire Fluorescent Interface †

Phase Adaptive Power Interface

0-10 V Interface

3-Wire Fluorescent Dimmer

3-Wire Fluorescent Dimmer

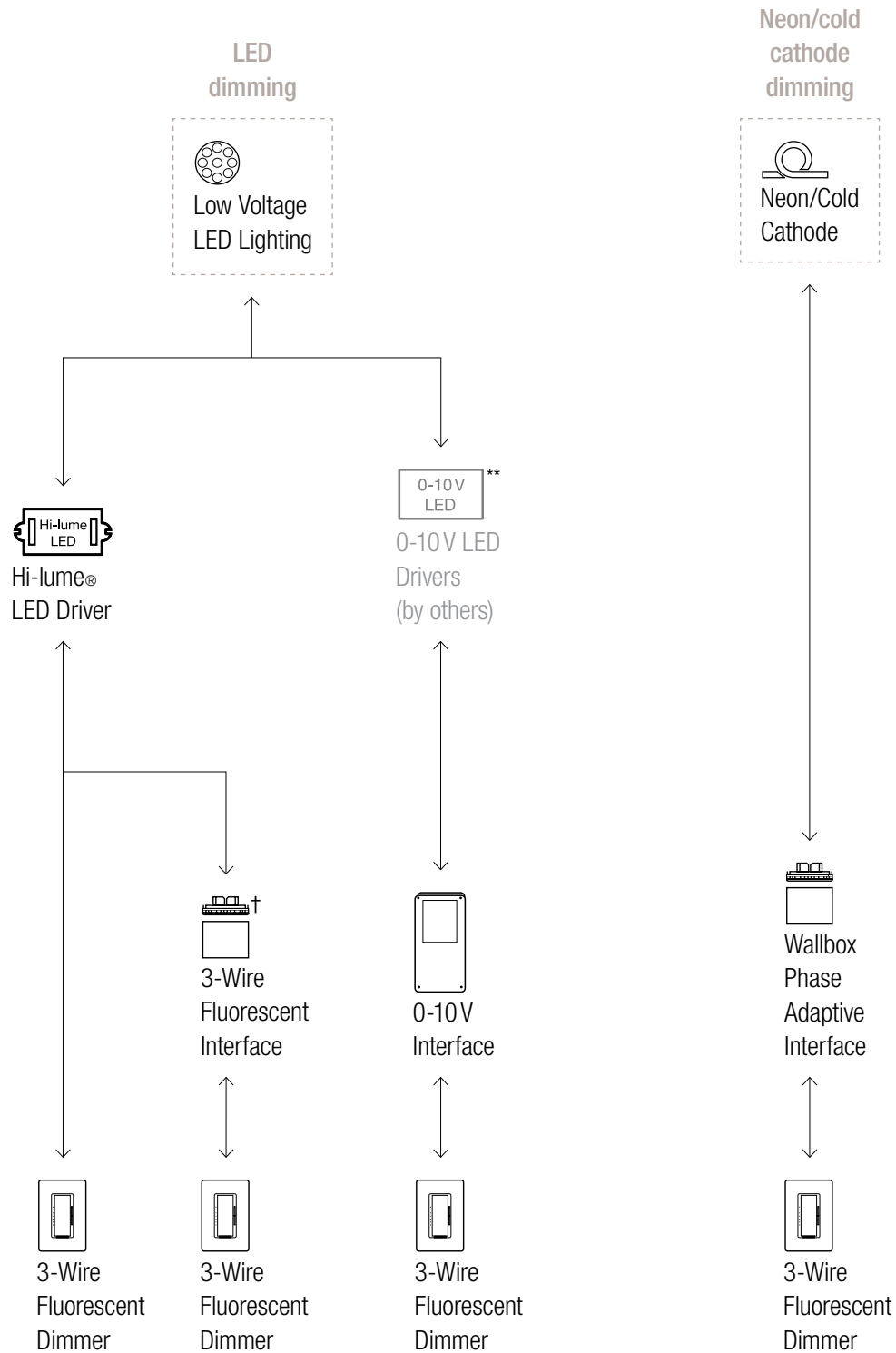3-Wire Fluorescent Dimmer

3-Wire Fluorescent Dimmer

**For illustration purposes only.** Consult model number pages for specific voltage and capacity information.
For ballast information, visit **www.lutron.com/ballasts**.

†Interface provides additional capacity and/or may be different voltage than dimmer.

## Maestro Wireless®

**LED
dimming**

**Neon/cold
cathode
dimming**

Low Voltage
LED Lighting

Neon/Cold
Cathode

0-10 V
LED $^{**}$

0-10 V LED
Drivers
(by others)

Hi-lume
LED

Hi-lume®
LED Driver

3-Wire
Fluorescent
Interface $^{†}$

0-10 V
Interface

Wallbox
Phase
Adaptive
Interface

3-Wire
Fluorescent
Dimmer

3-Wire
Fluorescent
Dimmer

3-Wire
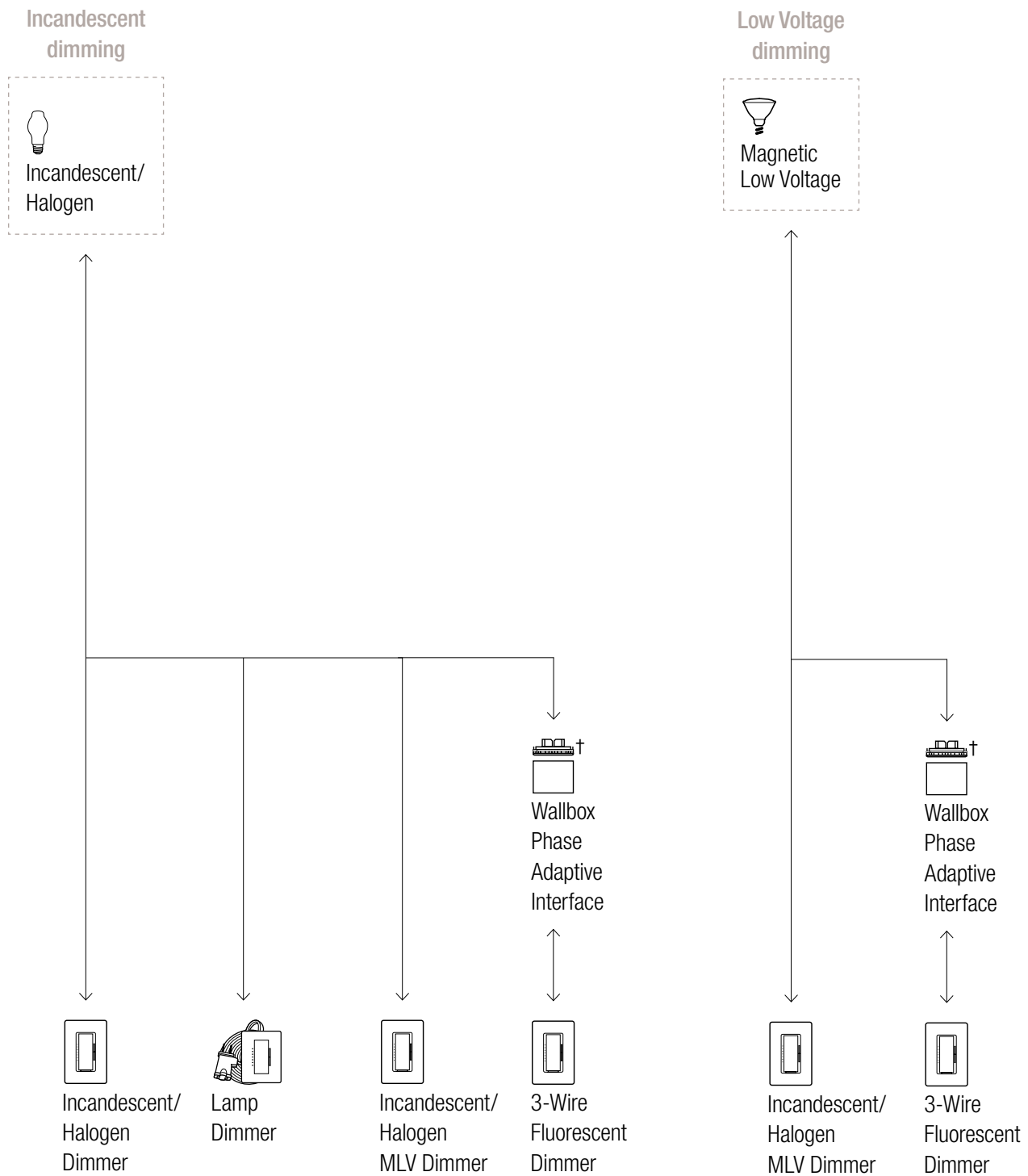Fluorescent
Dimmer

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®

**Incandescent dimming**

Incandescent/
Halogen

**Low Voltage dimming**

Magnetic
Low Voltage

Wallbox
Phase
Adaptive
Interface †

Wallbox
Phase
Adaptive
Interface †

Incandescent/
Halogen
Dimmer

Lamp
Dimmer

Incandescent/
Halogen
MLV Dimmer

3-Wire
Fluorescent
Dimmer

Incandescent/
Halogen
MLV 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 Wireless®

Switched
loads

| | | |
|---|---|---|
| Non-Dim Lighting * | Switched Fan | Switched Motors |

Switching Module †

Switching Module

Switch          Switch          Switch

---
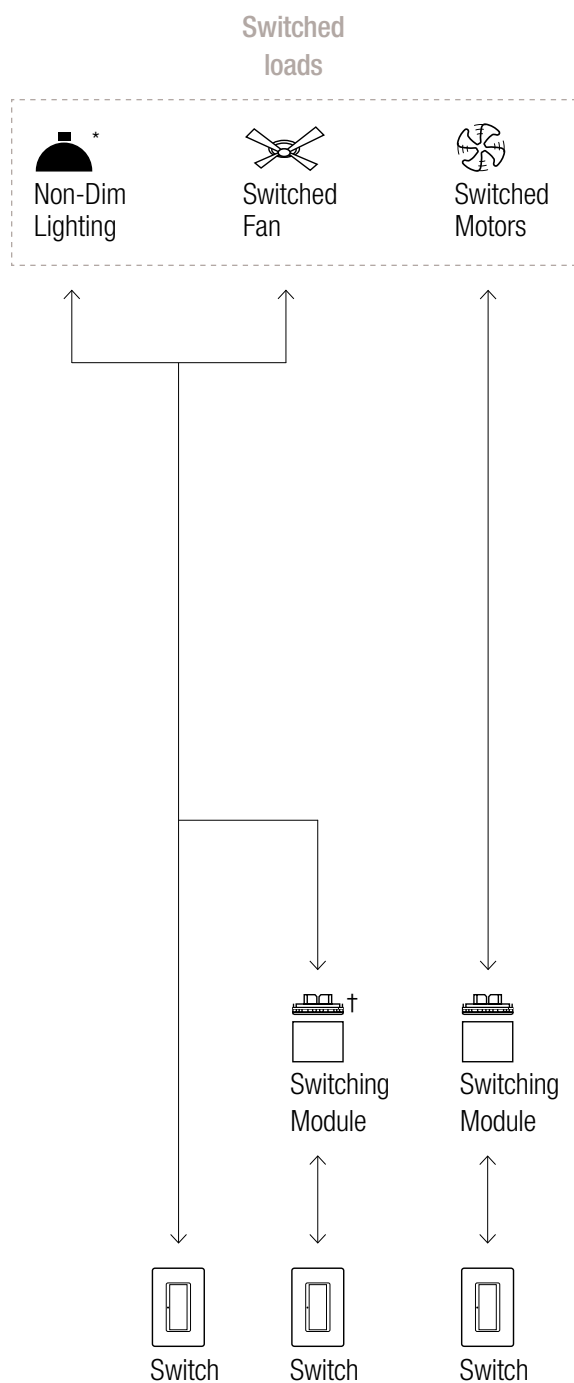
**For illustration purposes only.** Consult model number pages for specific voltage and capacity information.
For more information on LED drivers, visit **www.lutron.com/LED**.

*Refer to pg. 74 for specific load type.
†Interface provides additional capacity and/or may be different voltage than dimmer.

---