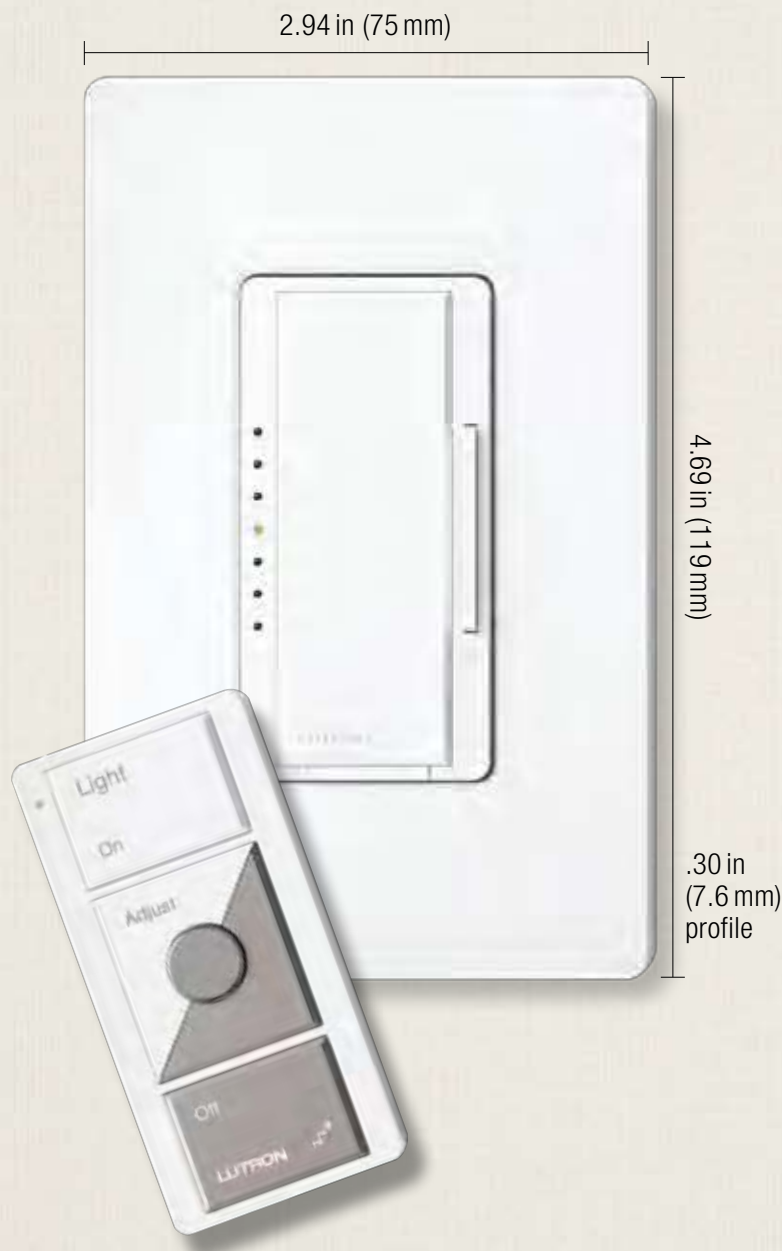




Shown actual size: Maestro Wireless dimmer and 1-gang Claro wallplate in White (WH), with a Pico wireless control in White/Gray (WG).

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**  
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/adaptor, 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 100ft
- 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 100ft
- 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 100ft
- 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

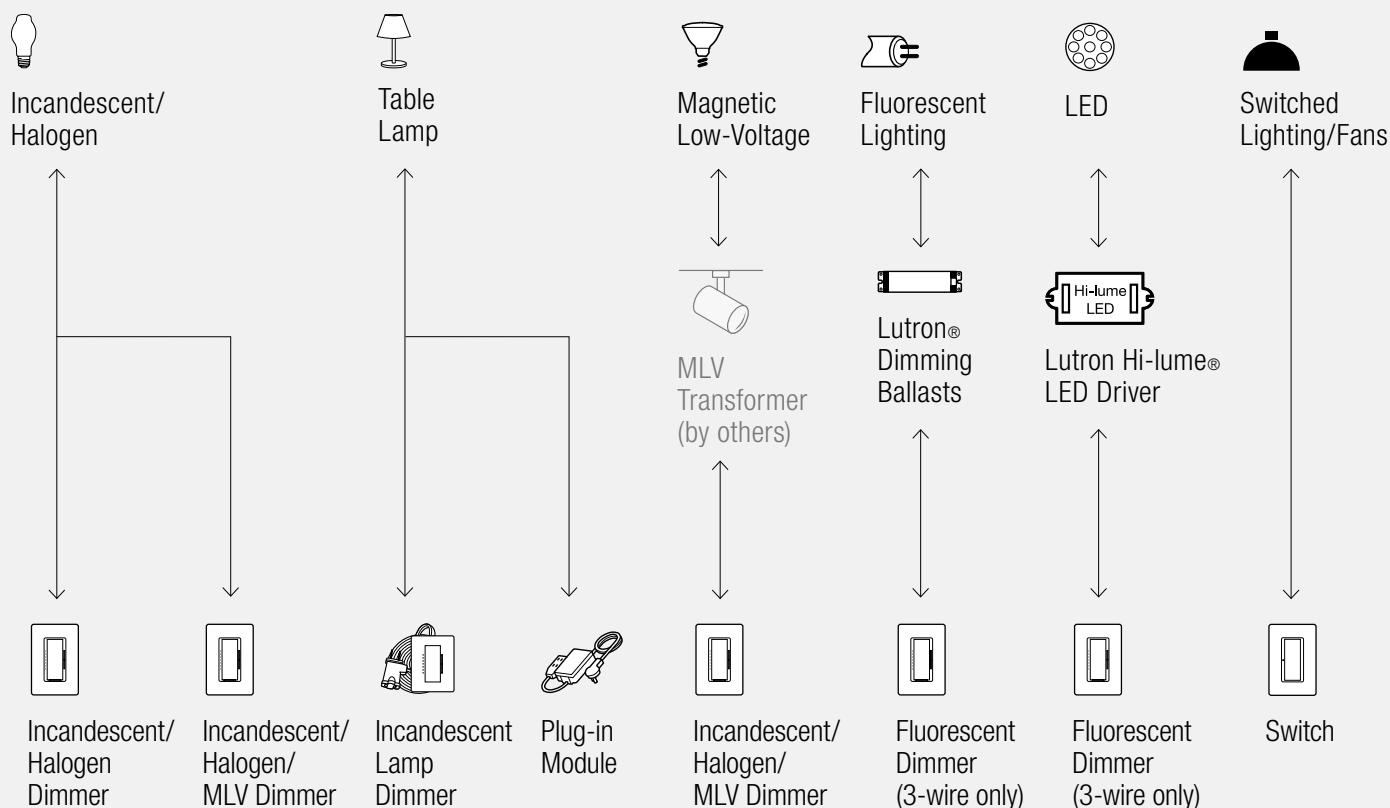


### Dual pedestal configuration



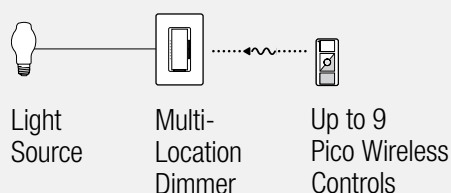
## Connections overview

### Load connections\*

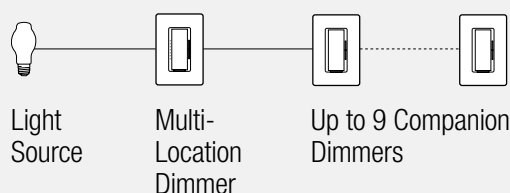


### Control types (for 2 or more locations)

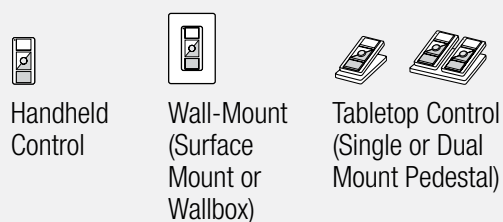
Dim from multiple-locations (up to 10)



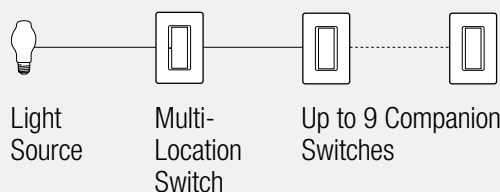
Dim from multiple-locations (up to 10)



### Pico mounting options



Switch from multiple-locations (up to 10)



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

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

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

## Dimmer model numbers

### Incandescent/halogen dimmers

#### Digital fade dimmers<sup>†</sup>

|                            |                                   |
|----------------------------|-----------------------------------|
| Multi-location/single-pole | MRF2-600M- <b>CC</b> <sup>†</sup> |
| 120V 600W                  |                                   |

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

#### Digital fade dimmer<sup>†</sup>

|                            |                                   |
|----------------------------|-----------------------------------|
| Multi-location/single-pole | MRF2-6MLV- <b>CC</b> <sup>†</sup> |
| 120V 600W/VA               |                                   |

#### Digital fade dimmers—specification grade

|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Multi-location/single-pole* <sup>†</sup> | MRF2-6ND-120- <b>CC</b> <sup>†</sup> |
| 120V 600W/VA                             |                                      |
| Multi-location/single-pole <sup>†</sup>  | MRF2-10D-120- <b>CC</b> <sup>†</sup> |
| 120V 1000W/VA                            |                                      |

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

### 3-wire fluorescent dimmers\*

#### Digital fade dimmer

|                            |                                      |
|----------------------------|--------------------------------------|
| Multi-location/single-pole | MRF2-F6AN-DV- <b>CC</b> <sup>†</sup> |
| 120/277V 6A                |                                      |

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

Also compatible with Hi-lume® LED driver.

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

#### Digital fade dimmer

|                            |                                      |
|----------------------------|--------------------------------------|
| Multi-location/single-pole | MRF2-F6AN-DV- <b>CC</b> <sup>†</sup> |
| 120/277V 6A                |                                      |

For use with Hi-lume LED driver only.

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

Low-end trim available via advanced programming.

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

### Plug-in wireless table top lamp dimmer

#### Plug-in lamp dimmer

|           |                                  |
|-----------|----------------------------------|
| 120V 300W | MRF2-3LD- <b>EE</b> <sup>4</sup> |
|-----------|----------------------------------|

Rated for: incandescent/halogen.

### Plug-in wireless module

#### Plug-in lamp dimmer module

|               |                                    |
|---------------|------------------------------------|
| 1 receptacle  | MRF2-3PD-1- <b>EE</b> <sup>4</sup> |
| 120V 300W     |                                    |
| 3 receptacles | MRF2-3PD-3- <b>EE</b> <sup>4</sup> |
| 120V 300W     |                                    |

10 Watt minimum load.

Rated for: incandescent/halogen and magnetic low-voltage.

Can be converted to a switch for lighting loads.

#### Plug-in appliance module

|                 |                                      |
|-----------------|--------------------------------------|
| 1 receptacle    | MRF2-15APS-1- <b>EE</b> <sup>4</sup> |
| 120V 15A 1/2 HP |                                      |

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

**EE**<sup>4</sup>: Available in White (WH) and Black (BL)

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

\*Requires neutral wire connection.

<sup>†</sup>Minimum load is 50W/VA.

## Switch model numbers

### Switches

#### Digital switch\*

|                                                       |                                   |
|-------------------------------------------------------|-----------------------------------|
| Multi-location/single-pole<br>120V 6A light or 3A fan | MRF2-6ANS- <b>CC</b> <sup>1</sup> |
|-------------------------------------------------------|-----------------------------------|

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

#### Switches—specification grade

|                             |                                       |
|-----------------------------|---------------------------------------|
| Multi-location/single-pole* | MRF2-8ANS-120- <b>CC</b> <sup>1</sup> |
|-----------------------------|---------------------------------------|

120V 8A light or 5.8A fan

|                              |                                    |
|------------------------------|------------------------------------|
| Multi-location/single-pole** | MRF2-8S-DV- <b>CC</b> <sup>1</sup> |
|------------------------------|------------------------------------|

120V 8A light or 3A fan or 1/4 HP motor  
277V 8A light or 3A fan

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

## Companion controls model numbers

### Companion controls

#### Companion dimmers

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| Companion dimmer<br>120V | MA-R- <b>CC</b> <sup>3</sup><br>MSC-AD- <b>CC</b> <sup>4</sup> |
|--------------------------|----------------------------------------------------------------|

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| Companion dimmer<br>277V | MA-R-277- <b>CC</b> <sup>3</sup><br>MSC-AD-277- <b>CC</b> <sup>4</sup> |
|--------------------------|------------------------------------------------------------------------|

No derating required if ganged.

#### Companion switches

|                          |                                                                 |
|--------------------------|-----------------------------------------------------------------|
| Companion switch<br>120V | MA-AS- <b>CC</b> <sup>3</sup><br>MSC-AS- <b>CC</b> <sup>4</sup> |
|--------------------------|-----------------------------------------------------------------|

|                          |                                                                         |
|--------------------------|-------------------------------------------------------------------------|
| Companion switch<br>277V | MA-AS-277- <b>CC</b> <sup>3</sup><br>MSC-AS-277- <b>CC</b> <sup>4</sup> |
|--------------------------|-------------------------------------------------------------------------|

No derating required if ganged.

**CC**<sup>1</sup>: Gloss and Satin color codes, see pg. 69

**CC**<sup>3</sup>: Gloss color codes, see pg. 69

**CC**<sup>4</sup>: Satin color codes, see pg. 69

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

**EE**<sup>4</sup>: 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-**EE**<sup>3</sup>

Vacancy sensor LRF2-VCRB-**EE**<sup>3</sup>

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

Occupancy/vacancy sensor LRF2-OWLB-P-WH  
180° wall-mount

Vacancy sensor LRF2-VWLB-P-WH  
180° wall-mount

Occupancy/vacancy sensor LRF2-OKLB-P-WH  
90° corner-mount

Vacancy sensor LRF2-VKLB-P-WH  
90° corner-mount

Occupancy/vacancy sensor LRF2-OHLB-P-WH  
Hallway

Vacancy sensor LRF2-VHLB-P-WH  
Hallway

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](http://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-**FF**<sup>1</sup>

2-button with raise/lower MRF2-2BRL-L-**FF**<sup>1</sup>

3-button with "Preset" button MRF2-3B-L-**FF**<sup>1</sup>

3-button with MRF2-3B-L-**FF**<sup>1</sup>-E01

"Welcome" button

2-button MRF2-2B-L-**FF**<sup>1</sup>

### Accessories

#### Pedestals

Single pedestal L-PED1-**EE**<sup>4</sup>

Double pedestal L-PED2-**EE**<sup>4</sup>

#### Pico faceplate adapter kit

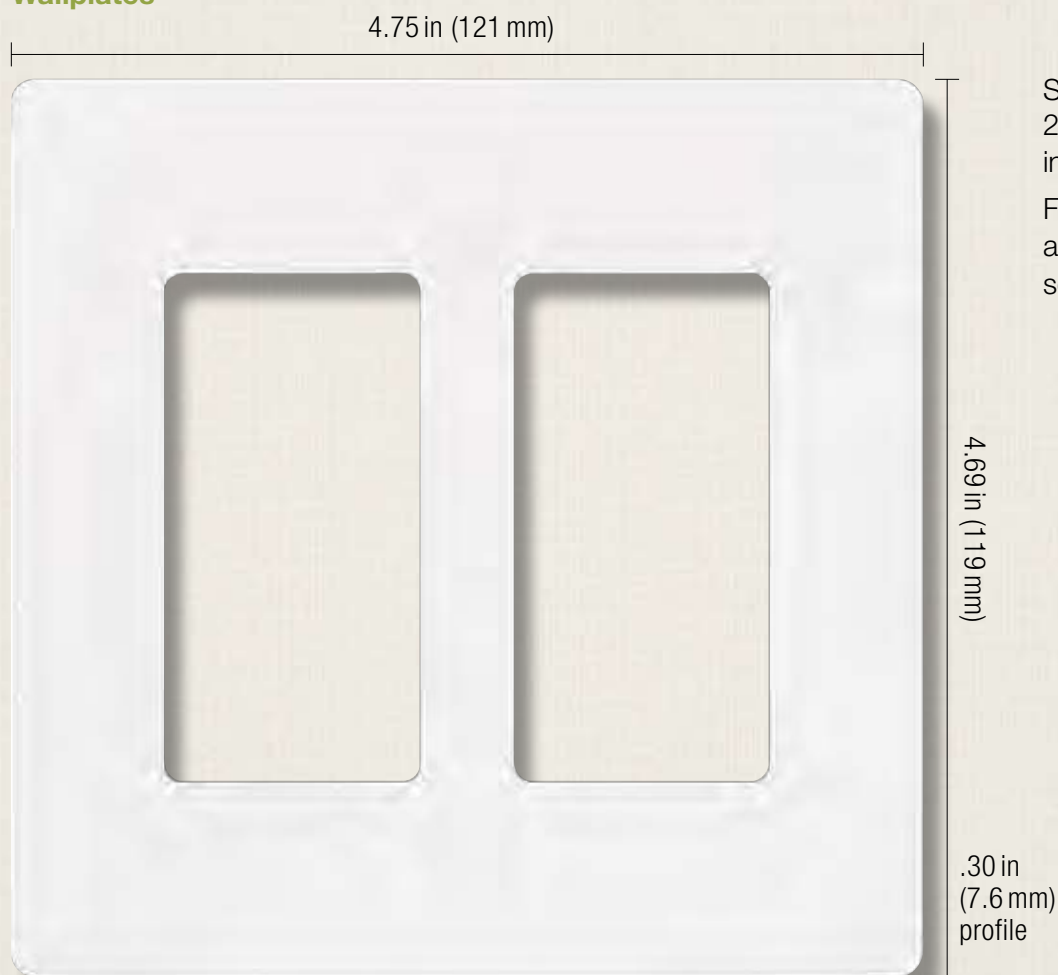
Faceplate kit PICO-FP-ADAPT

**EE**<sup>3</sup>: Available in White (WH), Light Almond (LA)  
and Black (BL)

**EE**<sup>4</sup>: Available in White (WH) and Black (BL)

**FF**<sup>1</sup>: Pico color codes, see pg. 71

### Wallplates



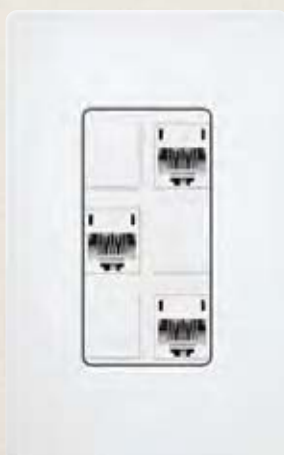
Shown actual size:  
2-gang Claro® wallplate  
in White (WH).

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

### Coordinated electrical devices



Tamper resistant  
GFCI receptacle

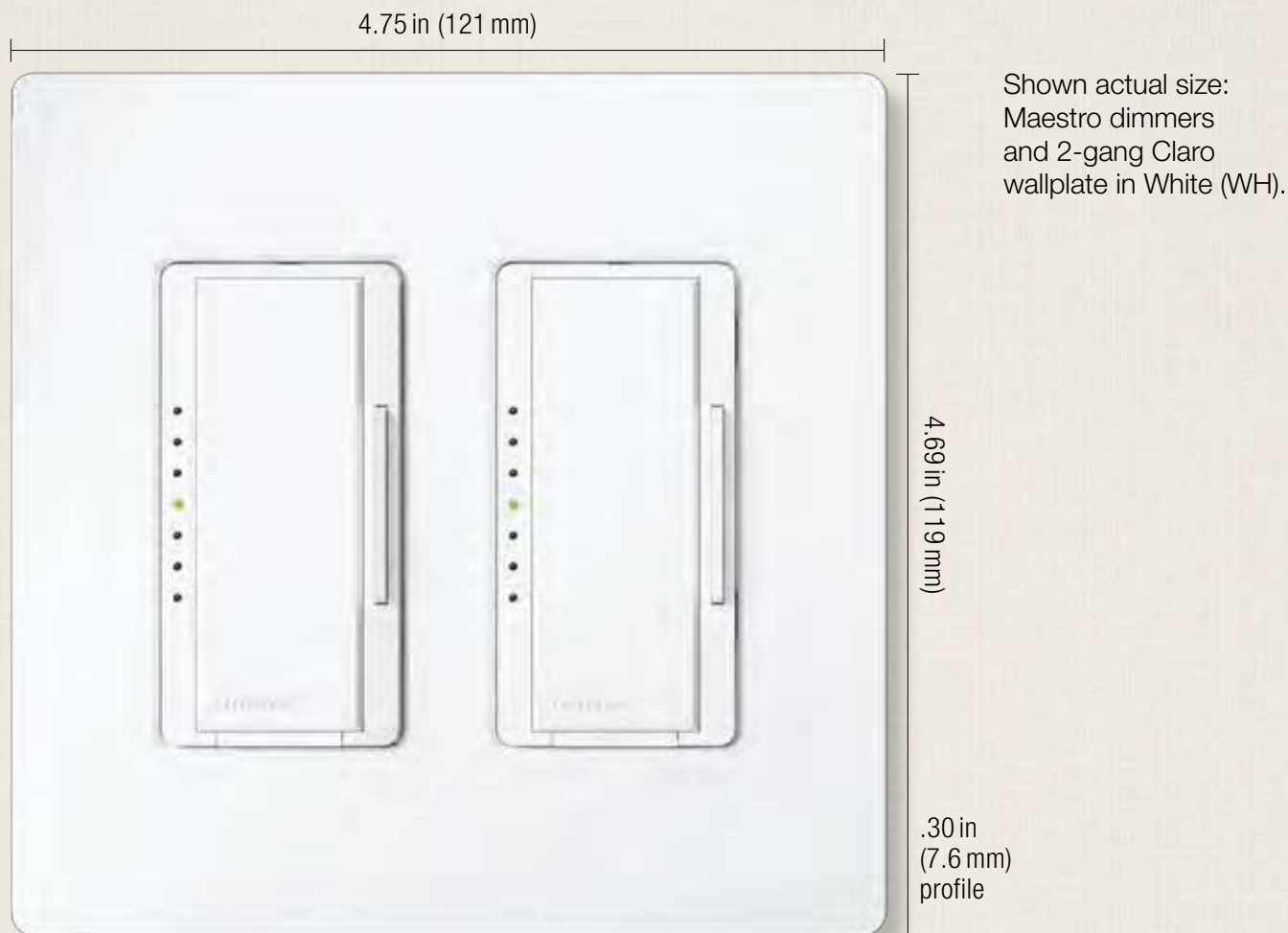


Customizable  
6-port frame



Cable jack

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



### Product family features

- 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

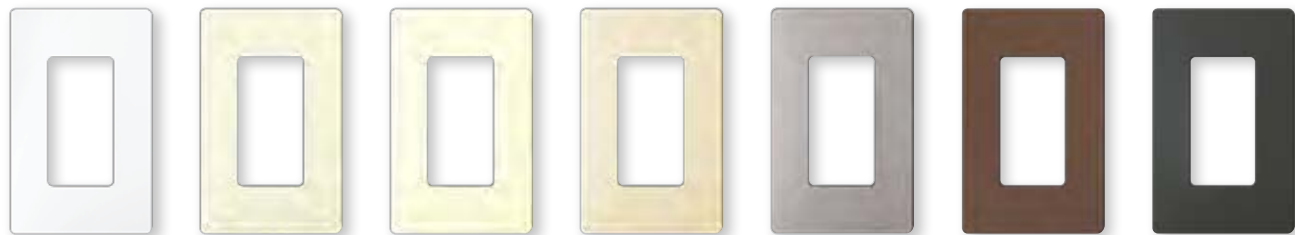
### Ganging and derating

- 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

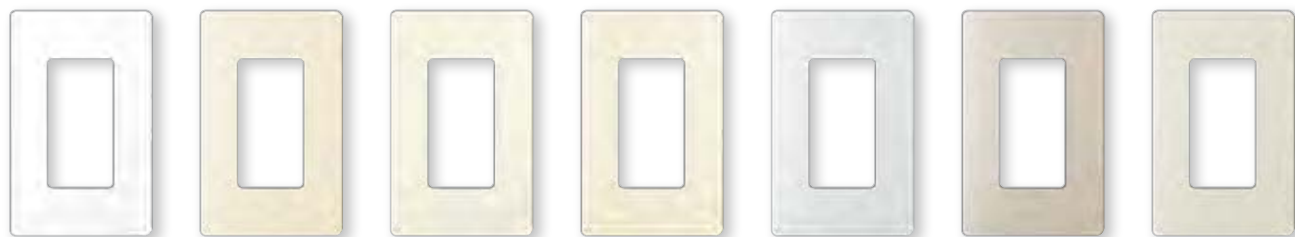
**IV**  
Ivory

**GR**  
Gray

**BR**  
Brown

**BL**  
Black

Satin finishes



**SW**  
Snow

**LS**  
Limestone

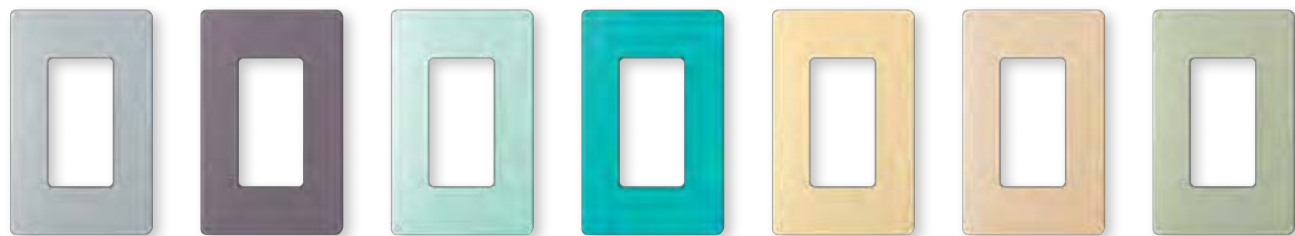
**BI**  
Biscuit

**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/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls and accessories.

**Wallplates for Maestro®, Maestro IR®, Maestro Wireless®, Pico™ wireless control, Spacer System®, Diva®, Lyneo® Lx, Skylark® and Skylark Contour™**



1-gang\*

CW-1-**CC**<sup>2</sup>  
SC-1-**CC**<sup>4</sup>

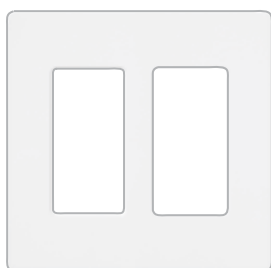
W: 2.94 in (75 mm); H: 4.69 in (119 mm)  
D: .30 in (7.6 mm)



4-gang\*

CW-4-**CC**<sup>2</sup>  
SC-4-**CC**<sup>4</sup>

W: 8.37 in (213 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



2-gang\*

CW-2-**CC**<sup>2</sup>  
SC-2-**CC**<sup>4</sup>

W: 4.75 in (121 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



5-gang\*

CW-5-**CC**<sup>2</sup>  
SC-5-**CC**<sup>4</sup>

W: 10.18 in (259 mm); H: 4.69 in (119 mm);  
D: .30 in (7.6 mm)



3-gang\*

CW-3-**CC**<sup>2</sup>  
SC-3-**CC**<sup>4</sup>

W: 6.56 in (167 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](http://www.lutron.com/applicationnotes).

**CC**<sup>2</sup>: Gloss and Stainless Steel color codes, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

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

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

## Receptacles



6-gang\*

CW-6-**CC**<sup>2</sup>

SC-6-**CC**<sup>4</sup>

W: 12.00in (305mm); H: 4.69in (119mm);  
D: .30in (7.6mm)



### Tamper resistant receptacles

|             |                                    |
|-------------|------------------------------------|
| 15 A, 125V* | CARS-15-TR- <b>CC</b> <sup>3</sup> |
|             | SCRS-15-TR- <b>CC</b> <sup>4</sup> |
| 20 A, 125V* | SCRS-20-TR- <b>CC</b> <sup>4</sup> |

## Cable jacks



- F-style, 75-Ohm coaxial cable

Single cable jack\*

CA-CJH-**CC**<sup>3</sup>

SC-CJ-**CC**<sup>4</sup>

## Receptacles

|             |                                 |
|-------------|---------------------------------|
| 15 A, 125V* | CAR-15H- <b>CC</b> <sup>3</sup> |
|             | SCR-15- <b>CC</b> <sup>4</sup>  |
| 20 A, 125V* | SCR-20- <b>CC</b> <sup>4</sup>  |

## GFCI Receptacles



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

## Telephone jacks



- 6-conductor telephone jack, RJ11

Single telephone jack\*

CA-PJH-**CC**<sup>3</sup>

SC-PJ-**CC**<sup>4</sup>

### Tamper resistant GFCI receptacles

|             |      |                                     |
|-------------|------|-------------------------------------|
| 15 A, 125V* | GFCI | CAR-15-GFTR- <b>CC</b> <sup>3</sup> |
|             |      | SCR-15-GFTR- <b>CC</b> <sup>4</sup> |
| 20 A, 125V* | GFCI | SCR-20-GFTR- <b>CC</b> <sup>4</sup> |

**CC**<sup>2</sup>: Gloss and Stainless Steel color codes, see pg. 161

**CC**<sup>3</sup>: Gloss color codes, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

\*Stainless Steel finish only available as separate wallplate. Match with separate Black (BL) or Midnight (MN) controls and accessories.

### Receptacles for dimming use



- Duplex for dimming 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- <b>CC</b> <sup>2</sup> |
| 15 A | 120/125 V* | SCR-15-DFDU- <b>CC</b> <sup>4</sup> |
| 20 A | 120/125 V* | CAR-20-DFDU- <b>CC</b> <sup>2</sup> |
| 20 A | 120/125 V* | SCR-20-DFDU- <b>CC</b> <sup>4</sup> |

### 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- <b>CC</b> <sup>2</sup> |
| 15 A | 120/125 V* | SCR-15-HFDU- <b>CC</b> <sup>4</sup> |
| 20 A | 120/125 V* | CAR-20-HFDU- <b>CC</b> <sup>2</sup> |
| 20 A | 120/125 V* | SCR-20-HFDU- <b>CC</b> <sup>4</sup> |

### 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- <b>CC</b> <sup>2</sup> |
| 15 A | 120/125 V* | SCR-15-DDTR- <b>CC</b> <sup>4</sup> |
| 20 A | 120/125 V* | CAR-20-DDTR- <b>CC</b> <sup>2</sup> |
| 20 A | 120/125 V* | SCR-20-DDTR- <b>CC</b> <sup>4</sup> |

### 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- <b>CC</b> <sup>2</sup> |
| 15 A | 120/125 V* | SCR-15-HDTR- <b>CC</b> <sup>4</sup> |
| 20 A | 120/125 V* | CAR-20-HDTR- <b>CC</b> <sup>2</sup> |
| 20 A | 120/125 V* | SCR-20-HDTR- <b>CC</b> <sup>4</sup> |

**CC**<sup>2</sup>: Gloss color code and Stainless Steel, see pg. 161

**CC**<sup>4</sup>: 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](http://www.lutron.com/applicationnotes).

**CC**<sup>2</sup>: Gloss color code and Stainless Steel, see pg. 161  
**CC**<sup>4</sup>: 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- <b>CC</b> <sup>3</sup><br>SC-6PF- <b>CC</b> <sup>4</sup> |
|---------------|------------------------------------------------------------------|

### Connectors for 6-port frame

#### Telephone/network jacks



|                                  |                                    |
|----------------------------------|------------------------------------|
| 8-conductor,<br>RJ45 category 3  | CON-1P-C3- <b>EE</b> <sup>4</sup>  |
| 8-conductor,<br>RJ45 category 5e | CON-1P-C5E- <b>EE</b> <sup>4</sup> |
| 8-conductor,<br>RJ45 category 6  | CON-1P-C6- <b>EE</b> <sup>4</sup>  |

#### Fiber jacks



|                    |                |
|--------------------|----------------|
| MT-RJ feed through | CON-1F-MTRJ-WH |
| SC simplex         | CON-1F-SC-WH   |
| LC non-flush mount | CON-1F-LC-WH   |
| ST style           | CON-1F-ST-WH   |

#### Cable jack



|                                  |                                |
|----------------------------------|--------------------------------|
| F-style,<br>75-Ohm coaxial cable | CON-1C- <b>EE</b> <sup>4</sup> |
|----------------------------------|--------------------------------|

#### BNC jack



|                       |           |
|-----------------------|-----------|
| BNC connector, 50-Ohm | CON-1B-WH |
|-----------------------|-----------|

Connectors only for use with 6-port frame.

### Switches



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

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

|             |      |                                                                   |
|-------------|------|-------------------------------------------------------------------|
| Single-pole | 15A* | CA-1PSH- <b>CC</b> <sup>3</sup><br>SC-1PS- <b>CC</b> <sup>4</sup> |
| 3-way       | 15A* | CA-3PSH- <b>CC</b> <sup>3</sup><br>SC-3PS- <b>CC</b> <sup>4</sup> |
| 4-way       | 15A* | CA-4PSH- <b>CC</b> <sup>3</sup><br>SC-4PS- <b>CC</b> <sup>4</sup> |

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

|             |      |                                                                       |
|-------------|------|-----------------------------------------------------------------------|
| Single-pole | 15A* | CA-1PSNL- <b>EE</b> <sup>2</sup><br>SC-1PSNL- <b>EE</b> <sup>10</sup> |
| 3-way       | 15A* | CA-3PSNL- <b>EE</b> <sup>2</sup><br>SC-3PSNL- <b>EE</b> <sup>10</sup> |
| 4-way       | 15A* | CA-4PSNL- <b>EE</b> <sup>2</sup><br>SC-4PSNL- <b>EE</b> <sup>10</sup> |

**CC**<sup>3</sup>: Gloss color codes, see pg. 161

**CC**<sup>4</sup>: Satin color codes, see pg. 161

**EE**<sup>2</sup>: Only available in Almond (AL), Ivory (IV), Light Almond (LA) and White (WH)

**EE**<sup>4</sup>: Only available in White (WH) and Black (BL)

**EE**<sup>10</sup>: 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

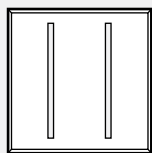
### Custom ganging for Architectural style controls

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

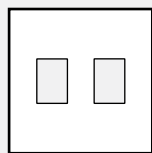
## Standard ganging for dimmers, switches and accessories

### New Architectural



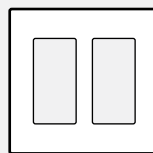
pg. 148

### Architectural



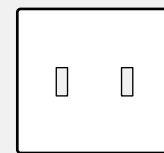
pg. 152

### Designer

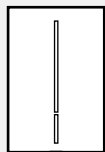


pg. 160

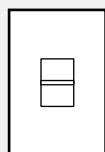
### Traditional



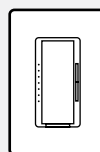
pg. 166



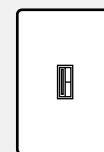
Vierti®



Vareo®  
Nova T☆®



Maestro®  
Maestro IR®  
Maestro Wireless®  
Spacer System®  
Diva®  
Lyneo® Lx  
Skylark®  
Skylark Contour™



Abella®  
Ceana®  
Ariadni®  
Glyder®  
Rotary

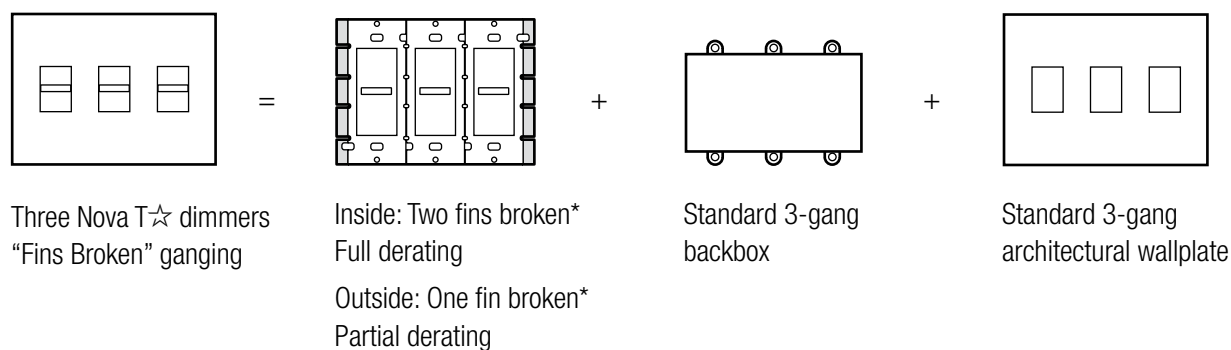
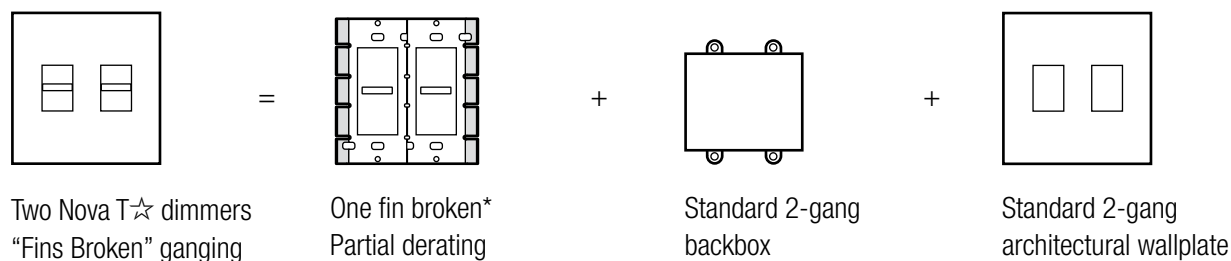
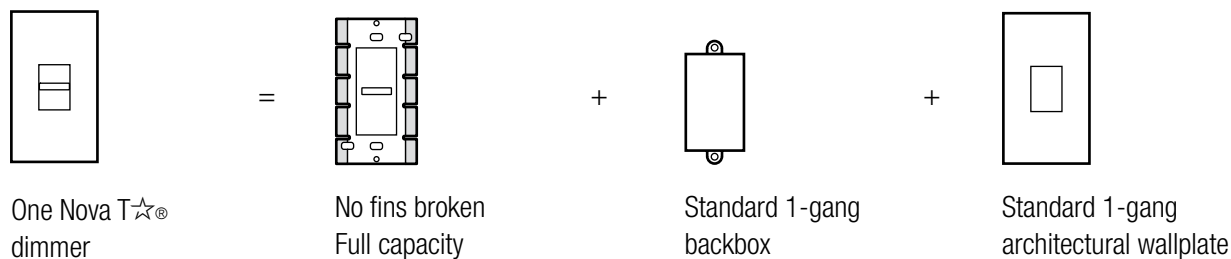
Derating Table 1  
pg. 172

Derating Table 2  
pg. 173

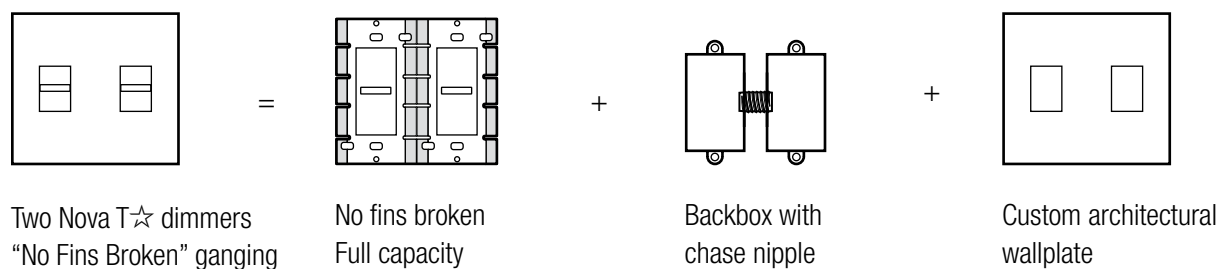
Derating Table 1  
pg. 172

Derating Table 1  
pg. 172

## Standard ganging and fins broken derating examples:



## Custom Architectural ganging example:



For further information on ganging and derating, visit [www.lutron.com/multigang](http://www.lutron.com/multigang).

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

**Derating Table 1****New Architectural** | Verti®**Designer** | Maestro®, Maestro IR®, Maestro Wireless®, Spacer System®, Diva®, Lyneo® Lx, Skylark Contour™, Skylark®**Traditional** | Abella®, Ceana®, Ariadni®, Glyder®, Rotary**No fins broken****1 fin broken****2 fins broken**

| <b>Incandescent</b>                                    |                 |                 |                   |
|--------------------------------------------------------|-----------------|-----------------|-------------------|
| Dimmers                                                | 600W            | 500W            | 400W              |
|                                                        | 1000W           | 800W            | 650W              |
| Dual dimmers                                           | 300W            | 250W            | 200W              |
|                                                        | 300W            | 250W            | 200W              |
| <b>Magnetic low-voltage</b>                            |                 |                 |                   |
| Dimmers                                                | 600VA/450W      | 500VA/400W      | 400VA/300W        |
|                                                        | 1000VA/800W     | 800VA/650W      | 650VA/500W        |
| <b>Electronic low-voltage</b>                          |                 |                 |                   |
| Dimmers                                                | 300W            | 250W            | 200W              |
|                                                        | 500W            | 450W            | 400W              |
|                                                        | 600W            | 500W            | 400W              |
| <b>Fluorescent</b>                                     |                 |                 |                   |
| <b>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</b> |                 |                 |                   |
| Verti                                                  | 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             |
| <b>Fan controls</b>                                    |                 |                 |                   |
| Quiet 7-speed                                          | 1.0A/300W       | 1.0A/300W       | 1.0A/300W         |
| Quiet 3-speed                                          | 1.5 A           | 1.5 A           | 1.5 A             |
| Fully variable                                         | 5 A             | 4 A             | 3 A               |
| <b>Fan/light controls</b>                              |                 |                 |                   |
| Quiet 7-speed                                          | 1.0A/300W       | 1.0A/300W       | 1.0A/300W         |
| Quiet 3-speed                                          | 1.5 A/300W      | 1.5 A/300W      | 1.5 A/300W        |
|                                                        | 1.5 A/360W      | 1.5 A/360W      | 1.5 A/360W        |
| Fully variable                                         | 2.5 A/300W      | 2.1 A/250W      | 1.7 A/200W        |
| <b>Electronic switches</b>                             |                 |                 |                   |
| Verti                                                  | 6A/3A           | 5A/3A           | 3.5A/3A           |
| Maestro (light/fan)                                    | 8A/3A           | 6.5A/3A         | 5A/3A             |
| Abella (light/fan)                                     | 6A/3A           | 5A/3A           | 3.5A/3A           |

**Derating Table 2****Architectural** | Vareo®, Nova T☆®

|                                                        |  <b>No fins broken</b> |  <b>1 fin broken</b> |  <b>2 fins broken</b> |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Incandescent</b>                                    |                                                                                                         |                                                                                                         |                                                                                                          |
| Dimmers                                                | 600W                                                                                                    | 500W                                                                                                    | 300W                                                                                                     |
|                                                        | 1000W                                                                                                   | 900W                                                                                                    | 700W                                                                                                     |
|                                                        | 1500W                                                                                                   | 1250W                                                                                                   | 1000W                                                                                                    |
|                                                        | 1950W                                                                                                   | —                                                                                                       | —                                                                                                        |
| <b>Magnetic low-voltage</b>                            |                                                                                                         |                                                                                                         |                                                                                                          |
| 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                                                                                            |
| <b>Electronic low-voltage</b>                          |                                                                                                         |                                                                                                         |                                                                                                          |
| Dimmers                                                | 300W                                                                                                    | 300W                                                                                                    | 250W                                                                                                     |
|                                                        | 600W                                                                                                    | 500W                                                                                                    | 400W                                                                                                     |
| <b>Fluorescent</b>                                     |                                                                                                         |                                                                                                         |                                                                                                          |
| <b>Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem®</b> |                                                                                                         |                                                                                                         |                                                                                                          |
| 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 <sup>1</sup>                          | 30 mA ballasts                                                                                          | no derating                                                                                             | no derating                                                                                              |
| Tu-Wire®                                               | 5 A                                                                                                     | 4 A                                                                                                     | 3.3 A                                                                                                    |
| <b>Fan controls</b>                                    |                                                                                                         |                                                                                                         |                                                                                                          |
| 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                                                                                                    |
| <b>Electronic tapswitches<sup>2</sup></b>              |                                                                                                         |                                                                                                         |                                                                                                          |
| VETS-1000-                                             | 1000W                                                                                                   | 800W                                                                                                    | 650W                                                                                                     |
| VETS-1000-SL-                                          | 1000W                                                                                                   | 900W                                                                                                    | 700W                                                                                                     |
| VETN-1000-                                             | 1000 VA                                                                                                 | 700 VA                                                                                                  | 550 VA                                                                                                   |

For further information on ganging Nova®, visit [www.lutron.com/customganging](http://www.lutron.com/customganging).

<sup>1</sup>PowerPack required for line voltage switching.

<sup>2</sup>VETS-R-Auxiliary electronic tapswitches do not require derating.

## Dimmer capabilities and interface requirements

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

**E** eco-model available

 Compatible dimmer (no interface)

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

|                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |
| Vierti®*<br>pg. 14                                                                | Vareo®<br>pg. 20                                                                    | Nova T☆®<br>pg. 26                                                                  | Nova®<br>pg. 34                                                                     | Centurion®<br>pg. 42                                                                |
| M                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   |                                                                                     | M                                                                                   |                                                                                     |                                                                                     |
|                                                                                   |                                                                                     | M                                                                                   |                                                                                     |                                                                                     |
|                                                                                   | WBX                                                                                 |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   | WBX                                                                                 |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   | WBX                                                                                 |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   | WBX                                                                                 | WBX                                                                                 |                                                                                     |                                                                                     |
|                                                                                   | WBX                                                                                 |                                                                                     | WBX                                                                                 |                                                                                     |
|                                                                                   | WBX                                                                                 |                                                                                     | WBX                                                                                 |                                                                                     |
|                                                                                   | WBX                                                                                 |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   | WBX                                                                                 | WBX                                                                                 |                                                                                     |                                                                                     |
|                                                                                   | WBX                                                                                 |                                                                                     | WBX                                                                                 |                                                                                     |
|                                                                                   | WBX                                                                                 | WBX                                                                                 | WBX                                                                                 |                                                                                     |
|                                                                                   | WBX                                                                                 | WBX                                                                                 |                                                                                     |                                                                                     |
|                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   | 3F                                                                                  |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   | 3F                                                                                  |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   | 3F                                                                                  |                                                                                     |                                                                                     |                                                                                     |
|                                                                                   | 3F                                                                                  | 3F                                                                                  | 3F                                                                                  |                                                                                     |
|                                                                                   | PA                                                                                  |                                                                                     |                                                                                     |                                                                                     |
| 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

**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

|                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |
| Maestro®<br>pg. 46                                                                | Maestro<br>IR® pg. 60                                                               | Maestro<br>Wireless®<br>pg. 68                                                      | Spacer<br>System®<br>pg. 76                                                         | Diva®<br>pg. 86                                                                     |

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

**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

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

**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®<br>pg. 120                                                                 | Ariadni®<br>pg. 124                                                                 | Glyder®<br>pg. 130                                                                  | Rotary<br>pg. 134                                                                   |

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

**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**

|                        | Incandescent, magnetic and electronic low-voltage (120/277 V)                                |                         | 3-wire Fluorescent ballasts or Hi-lume® LED drivers (120/277 V)                              |                         | 0-10VDC Ballasts or LED drivers (120/277 V)                                                    |                         |
|------------------------|----------------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------|-------------------------|
|                        | <b>WBX</b>  |                         | <b>3F</b>  |                         | <b>TVI</b>  |                         |
|                        | Wallbox Phase Adaptive Power Module*<br>PHPM-WBX-DV-WH                                       |                         | Fluorescent Power Module*<br>PHPM-3F-DV-WH                                                   |                         | 0-10V Interface<br>GRX-TVI                                                                     |                         |
| <b>Dimmer Family</b>   | Single-pole                                                                                  | 3-way or multi-location | Single-pole                                                                                  | 3-way or multi-location | Single-pole                                                                                    | 3-way or multi-location |
| 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, 120V only versions are also available.  
Please see Technical notes, pg. 179.

**Dimmer models/load interface compatibility**

|                        | Tu-Wire® Fluorescent Ballasts (120V)                                                        |                         | Switched Lighting (120/277V)                                                                  |                         |
|------------------------|---------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------|-------------------------|
|                        | <b>PA</b>  |                         | <b>SW</b>  |                         |
|                        | Phase Adaptive Power Module*<br>PHPM-PA-DV-WH                                               |                         | Switching Power Module*<br>PHPM-SW-DV-WH                                                      |                         |
| <b>Dimmer Family</b>   | 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)

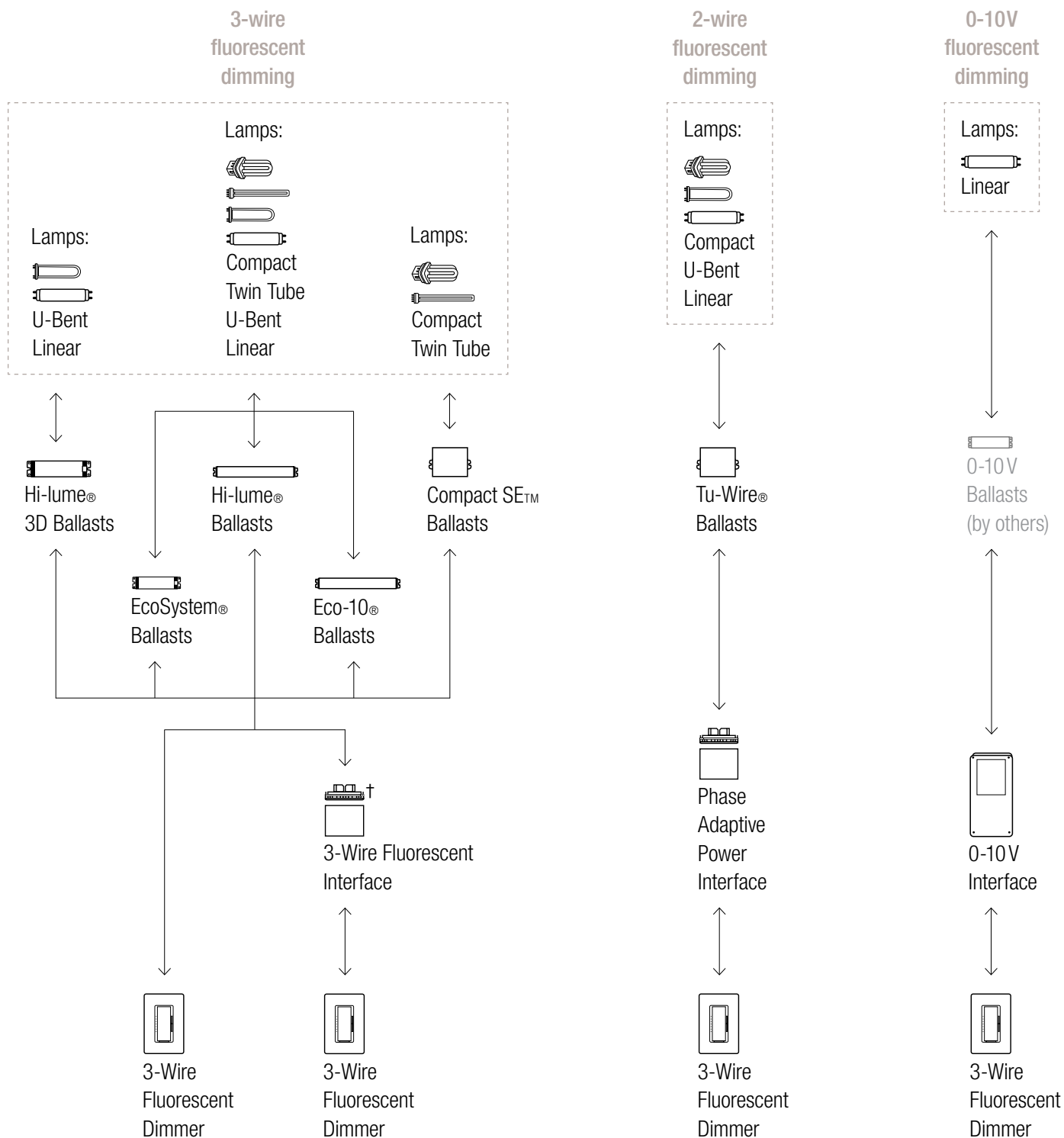
**Interface mounting**

- 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®

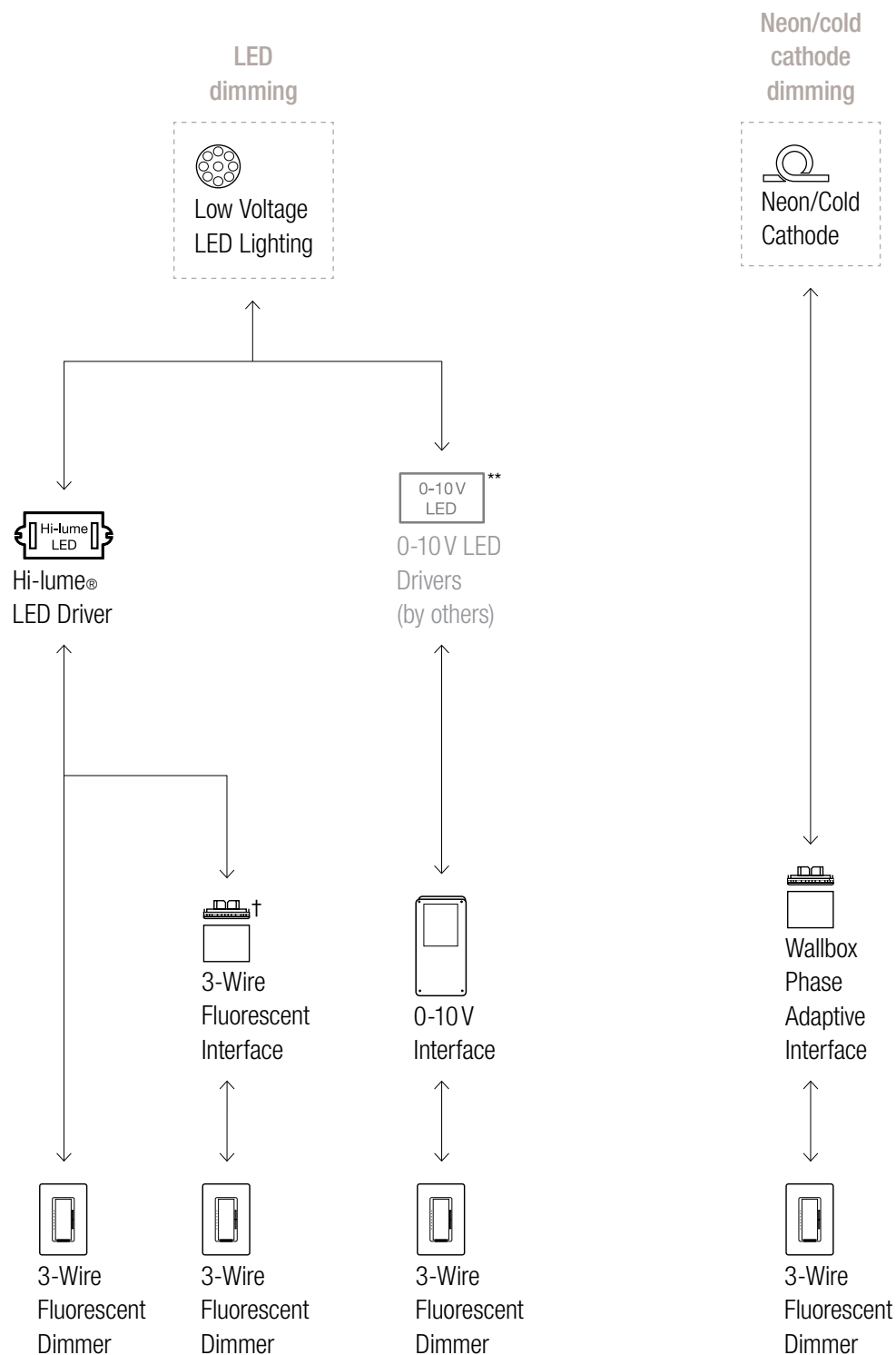


**For illustration purposes only.** Consult model number pages for specific voltage and capacity information.

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

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

# Maestro Wireless®



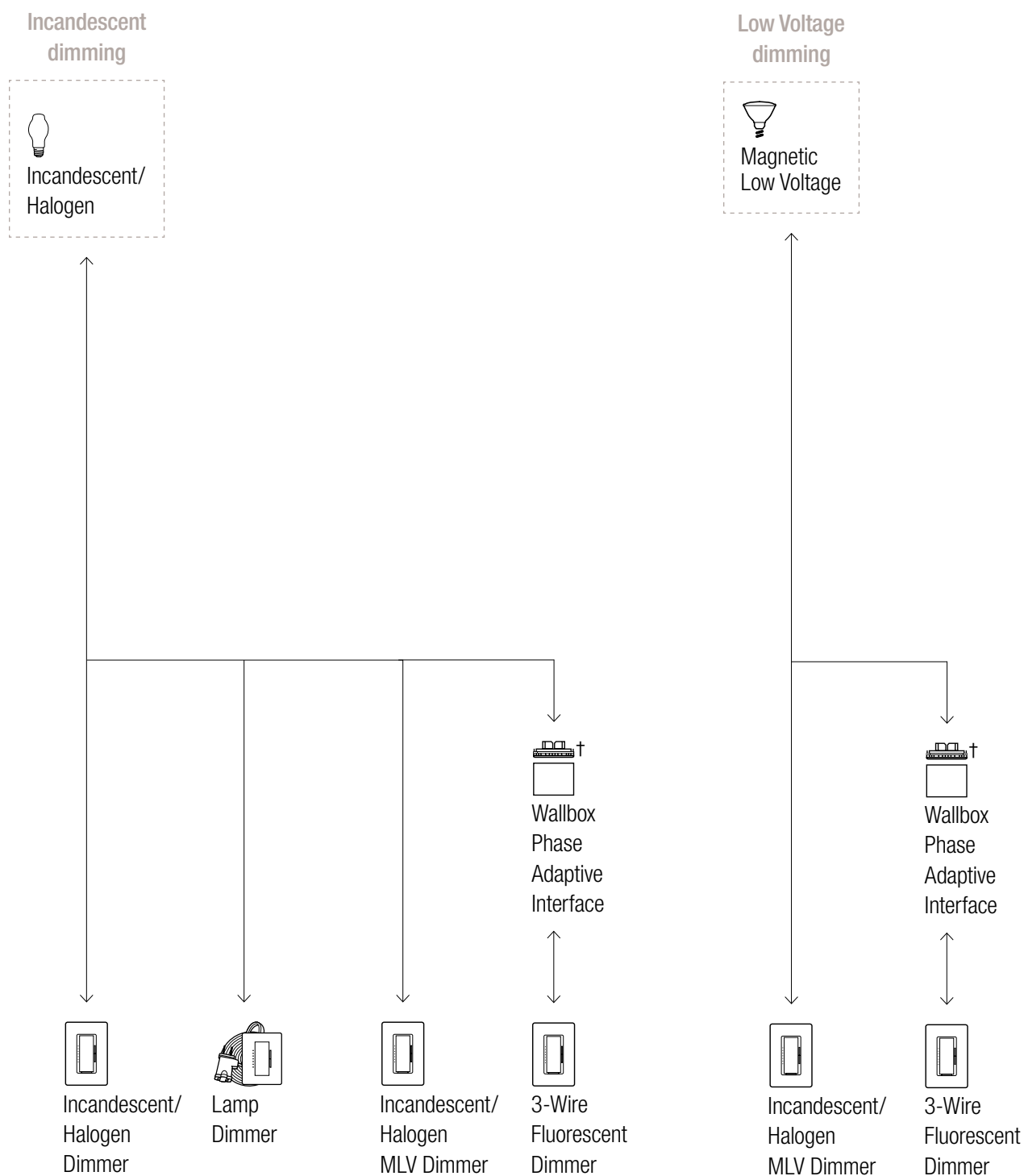
**For illustration purposes only.** Consult model number pages for specific voltage and capacity information.

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

\*\*Consult [www.lutron.com/LED](http://www.lutron.com/LED) for compatible 0-10V LED drivers.

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

## Maestro Wireless®

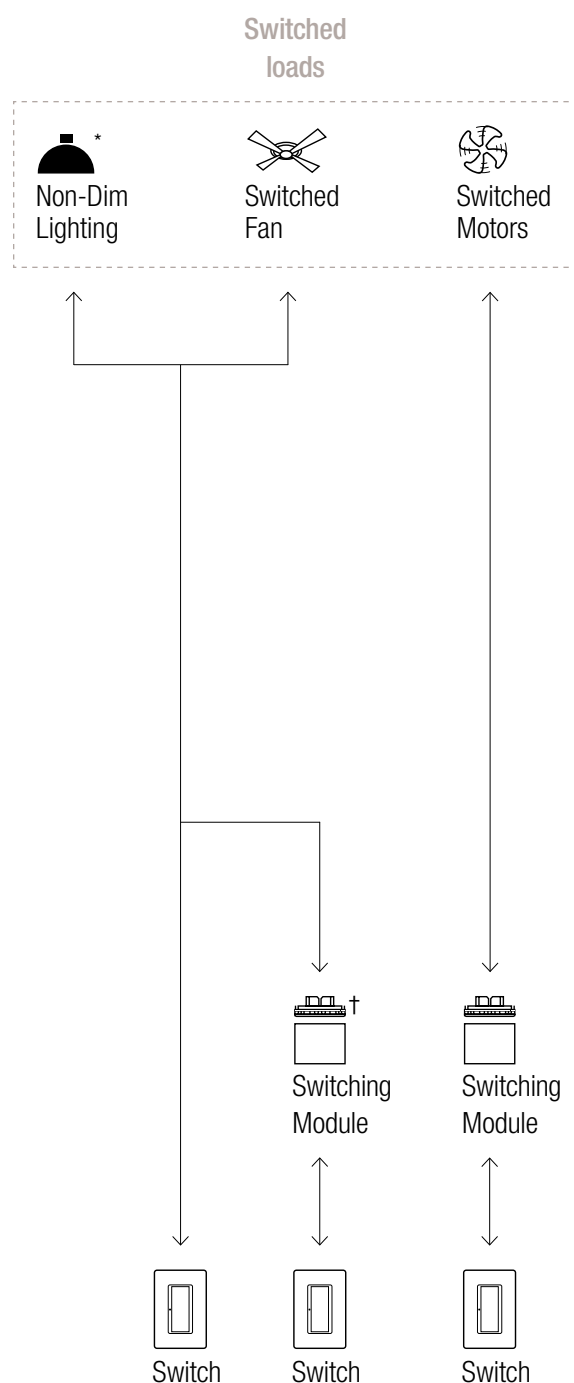


**For illustration purposes only.** Consult model number pages for specific voltage and capacity information.

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

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

## Maestro Wireless®



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

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

\*Refer to pg. 74 for specific load type.

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