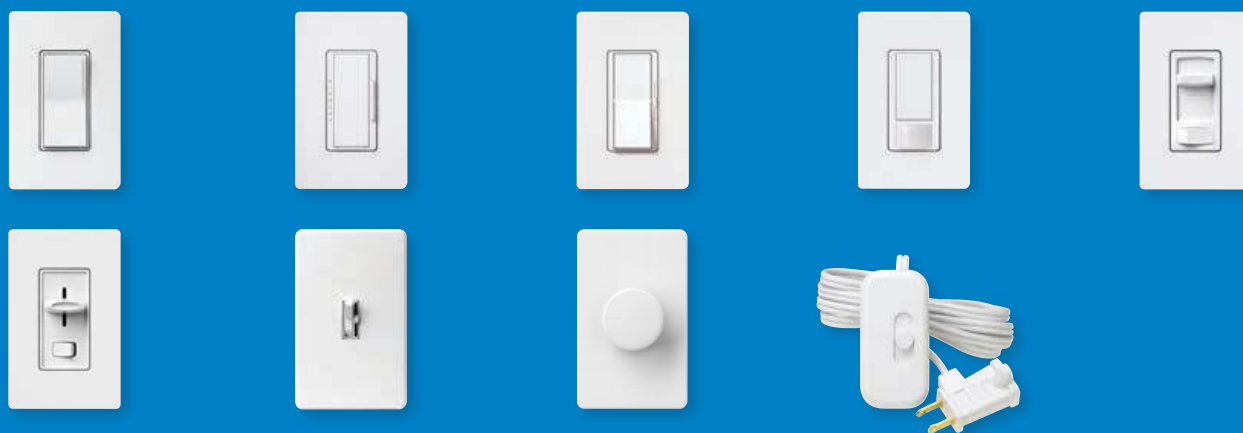


# Volume 1

## Basic devices and single-space systems

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





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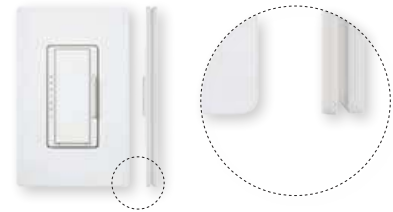
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Dimmer families are organized by wallplate opening style.

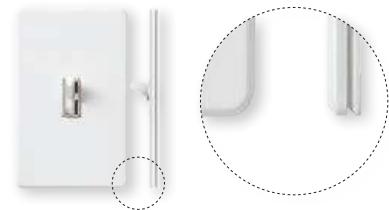
Dedicated sections follow for non-wallbox controls that also offer single-space solutions, including:

- Plug-in controls
- Connected home
- Commercial Wireless
- Sensors
- Wireless remote controls

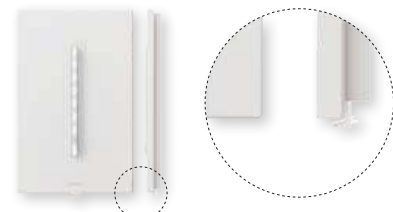
### Designer wallplate



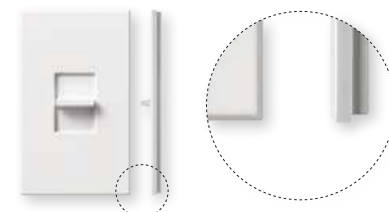
### Traditional wallplate



### New Architectural wallplate



### Architectural wallplate



### Designer product families

- Designer style opening
- Designer wallplates have rounded edges
- Claro/Satin Finishes wallplates and accessories
- Controls fit standard Designer opening wallplates
- Wallplates available separately

### Traditional product families

- Traditional style opening
- Traditional wallplates have rounded edges
- Fassada style wallplates and Claro/Satin Finishes accessories
- Wallplates available separately

### New Architectural product families

- New Architectural style opening
- New Architectural wallplates have squared edges
- New Architectural wallplates and accessories
- Single-gang White wallplate included with control; wallplates in additional colors and finishes are available separately

### Architectural product families

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

## Designer style



Sunnata



Maestro

Maestro  
sensors

| Dimmers                                                                                                                                          | Voltage   | Maximum wattage (see product pages for details) |            |            |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------|------------|------------|------|
| Dimmable LED/CFL                                                                                                                                 | 120V      | Standalone                                      | 250W       | 250W       | 150W |
|                                                                                                                                                  |           | Interface                                       | PA         | PA         |      |
| Incandescent/halogen                                                                                                                             | 120V      | Standalone                                      | 600W       | 1000W      | 600W |
|                                                                                                                                                  |           | Interface                                       | PA (1920W) | PA (1920W) |      |
| Magnetic low-voltage                                                                                                                             | 120V      | Standalone                                      | 400W       | 800W       |      |
|                                                                                                                                                  |           | Interface                                       | PA (1600W) | PA (1600W) |      |
|                                                                                                                                                  | 277V      | Standalone                                      |            |            |      |
|                                                                                                                                                  |           | Interface                                       | PA (800W)  | PA (800W)  |      |
| Electronic low-voltage                                                                                                                           | 120V      | Standalone                                      | 500W       | 600W       |      |
|                                                                                                                                                  |           | Interface                                       | PA (1920W) | PA (1920W) |      |
| Neon/cold cathode                                                                                                                                | 120V      | Interface                                       | PA (16A)   | PA (16A)   |      |
| 0-10V                                                                                                                                            | 120V/277V | Standalone                                      |            |            | 8A   |
|                                                                                                                                                  |           | Interface                                       | TVI (16A)  | TVI (16A)  |      |
| 3-wire: Drivers/Ballasts<br><i>See spec sheet for exact amount of drivers at <a href="http://lutron.com/hilumeled">lutron.com/hilumeled</a>.</i> | 120V      | Standalone                                      |            | 6A         |      |
|                                                                                                                                                  |           | Interface                                       | 3F (16A)   | 3F (16A)   |      |
|                                                                                                                                                  | 277V      | Standalone                                      |            | 6A         |      |
|                                                                                                                                                  |           | Interface                                       | 3F (16A)   | 3F (16A)   |      |
| 2-wire Drivers                                                                                                                                   | 120V      | Standalone                                      | 400W       | 400W       |      |
| EcoSystem                                                                                                                                        | 120V/277V | Standalone                                      |            |            |      |
| 2-wire Ballasts                                                                                                                                  | 120V      | Standalone                                      | 3.3A       |            |      |
|                                                                                                                                                  |           | Interface                                       | PA (5A)    | PA (5A)    |      |
| Switch                                                                                                                                           | 120V      | Standalone                                      | 6A         | 8A         | 6A   |
|                                                                                                                                                  |           | Interface                                       | SW (16A)   | SW (16A)   |      |
|                                                                                                                                                  | 277V      | Standalone                                      |            |            | 6A   |
|                                                                                                                                                  |           | Interface                                       | SW (16A)   | SW (16A)   |      |
| Countdown timer                                                                                                                                  | 120V      | Standalone                                      |            | 5A         |      |
| Quiet fan only                                                                                                                                   | 120V      | Standalone                                      |            |            |      |
| Fully variable                                                                                                                                   | 120V      | Standalone                                      |            |            |      |
| Fan/light switch                                                                                                                                 | 120V      | Standalone                                      |            |            |      |
| Fan/light dimmer                                                                                                                                 | 120V      | Standalone                                      |            | 1.5A/75W   |      |

## Traditional style



Diva



Skylark Contour



Skylark



Lum  a



Ariadni



Dalia

| 250W        | 250W  | 150W        | 150W | 250W        | 150W |
|-------------|-------|-------------|------|-------------|------|
| WBX         |       | WBX         |      | WBX         |      |
| 1000W       | 1000W | 1000W       | 600W | 1000W       | 600W |
| WBX (1920W) |       | WBX (1920W) |      | WBX (1920W) |      |
| 800W        | 450W  | 450W        |      | 450W        |      |
| WBX (1600W) |       | WBX (1600W) |      | WBX (1600W) |      |
|             |       |             |      |             |      |
| WBX (800W)  |       | WBX (800W)  |      | WBX (800W)  |      |
| 500W        | 500W  | 300W        |      |             |      |
| WBX (1920W) |       | WBX (1920W) |      | WBX (1920W) |      |
| WBX (16A)   |       | WBX (16A)   |      | WBX (16A)   |      |
| 8A          |       |             |      |             |      |
| PP (16A)    |       | TVI (16A)   |      | TVI (16A)   |      |
| 8A          |       | 8A          |      | 8A          |      |
| 3F (16A)    |       | 3F (16A)    |      | 3F (16A)    |      |
| 6A          |       | 6A          |      | 6A          |      |
| 3F (16A)    |       | 3F (16A)    |      | 3F (16A)    |      |
| 350W        | 250W  | 250W        | 250W | 350W        |      |
|             |       |             |      |             |      |
| 5A          |       | 5A          |      |             |      |
|             |       |             |      | PA (5A)     |      |
| 15A         |       |             |      |             |      |
|             |       |             |      |             |      |
|             |       |             |      |             |      |
|             |       |             |      |             |      |
| 2A          | 1.5A  | 2A          |      | 1.5A        |      |
|             |       | 5A          |      |             |      |
| 1.5A/120W   |       | 1.5A/360W   |      |             |      |
|             |       | 2.5A/300W   |      | 1.5A/300W   |      |

## New Architectural style



GRAFIK T

## Architectural style



Nova T☆

| Dimmers                                                                                                                                          | Voltage   | Maximum wattage (see product pages for details) |            |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------|------------|-------------|
| Dimmable LED/CFL                                                                                                                                 | 120V      | Standalone                                      | 250W       | 250W        |
|                                                                                                                                                  |           | Interface                                       | PA         | WBX         |
| Incandescent/halogen                                                                                                                             | 120V      | Standalone                                      | 600W       | 2000W       |
|                                                                                                                                                  |           | Interface                                       | PA (1920W) |             |
| Magnetic low-voltage                                                                                                                             | 120V      | Standalone                                      | 300W       | 1200W       |
|                                                                                                                                                  |           | Interface                                       | PA (1600W) | WBX (1600W) |
|                                                                                                                                                  | 277V      | Standalone                                      |            | 800W        |
|                                                                                                                                                  |           | Interface                                       | PA (800W)  |             |
| Electronic low-voltage                                                                                                                           | 120V      | Standalone                                      | 500W       | 600W        |
|                                                                                                                                                  |           | Interface                                       | PA (1920W) | WBX (1920W) |
| Neon/cold cathode                                                                                                                                | 120V      | Interface                                       | PA (16A)   | WBX (16A)   |
| 0-10V                                                                                                                                            | 120V/277V | Standalone                                      |            | 8A          |
|                                                                                                                                                  |           | Interface                                       | TVI (16A)  | PP (16A)    |
| 3-wire: Drivers/Ballasts<br><i>See spec sheet for exact amount of drivers at <a href="http://lutron.com/hilumeled">lutron.com/hilumeled</a>.</i> | 120V      | Standalone                                      |            | 16A         |
|                                                                                                                                                  |           | Interface                                       | 3F (16A)   |             |
|                                                                                                                                                  | 277V      | Standalone                                      |            | 8A          |
|                                                                                                                                                  |           | Interface                                       | 3F (16A)   | 16A         |
| 2-wire Drivers                                                                                                                                   | 120V      | Standalone                                      | 400W       | 400W        |
| EcoSystem                                                                                                                                        | 120V/277V | Standalone                                      |            |             |
| 2-wire Ballasts                                                                                                                                  | 120V      | Standalone                                      | 3.3A       | 5A          |
|                                                                                                                                                  |           | Interface                                       |            |             |
| Switch                                                                                                                                           | 120V      | Standalone                                      | 5A         | 20A         |
|                                                                                                                                                  |           | Interface                                       | SW (16A)   |             |
|                                                                                                                                                  | 277V      | Standalone                                      |            | 20A         |
|                                                                                                                                                  |           | Interface                                       | SW (16A)   |             |
| Countdown timer                                                                                                                                  | 120V      | Standalone                                      |            |             |
| Quiet fan only                                                                                                                                   | 120V      | Standalone                                      |            | 1.5A        |
| Fully variable                                                                                                                                   | 120V      | Standalone                                      |            | 12A         |
| Fan/light switch                                                                                                                                 | 120V      | Standalone                                      |            |             |
| Fan/light dimmer                                                                                                                                 | 120V      | Standalone                                      |            |             |

## Plug-in controls



Credenza  
lamp dimmer



Caséta Wireless



Vive Maestro  
Wireless



Vive PowPak  
(remote)



Vive PowPak  
(in-fixture)

| 100W | 250W       | 150W        | 450W       |           |
|------|------------|-------------|------------|-----------|
|      | PA         | WBX         |            |           |
| 300W | 1000W      | 600W        | 450W       |           |
|      | PA (1920W) | WBX (1920W) |            |           |
|      | 800W       | 450W        | 320W       |           |
|      | PA (1600W) | WBX (1600W) |            |           |
|      |            |             | 320W       |           |
|      | PA (800W)  | WBX (800W)  |            |           |
|      | 500W       | 600W        | 450W       |           |
|      | PA (1920W) | WBX (1920W) |            |           |
|      | PA (16A)   | WBX (16A)   |            |           |
|      |            |             | 8A         | 1A        |
|      | TVI (16A)  | TVI (16A)   |            |           |
|      |            |             |            |           |
|      | 3F (16A)   | 3F (16A)    |            |           |
|      |            |             |            |           |
|      | 3F (16A)   | 3F (16A)    |            |           |
|      | 400W       | 250W        | 3A         |           |
|      |            |             | 32 Drivers | 3 Drivers |
|      | 3.3A       | 5A          |            |           |
|      |            |             |            |           |
|      | 6A         | 8A          | 20A        |           |
|      | SW (16A)   | SW (16A)    |            |           |
|      |            | 8A          | 20A        |           |
|      | SW (16A)   | SW (16A)    |            |           |
|      |            |             |            |           |
|      | 1.5A       |             |            |           |
|      |            |             |            |           |
|      |            |             |            |           |
|      |            |             |            |           |

## Dimmer models/load interface compatibility

| Dimmable LED (screw-base)*, incandescent, and magnetic and electronic low-voltage (120/277 V)                                                                             |             |                                  |             |                                                                                          |             |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------|-------------|------------------------------------------------------------------------------------------|-------------|-------------------------|
| WBX                                                                                      |             |                                  |             | PA    |             |                         |
| Wallbox Phase Adaptive Power Module<br>Mounts to a 2-gang backbox (W: 6.30 in x H: 5.10 in)<br>Requires 3-wire fluorescent dimming input<br>(see below for model numbers) |             |                                  |             | Phase Adaptive Power Module**<br>Mounts to a 2-gang backbox<br>(W: 6.30 in x H: 5.10 in) |             |                         |
| 120 V control<br>PHPM-WBX-DV-WH**                                                                                                                                         |             | 277 V control<br>PHPM-WBX-277/DV |             | 120 V control<br>PHPM-PA-DV-WH                                                           |             |                         |
| Dimmer Family                                                                                                                                                             | Single-pole | 3-way or multi-location          | Single-pole | 3-way or multi-location                                                                  | Single-pole | 3-way or multi-location |
| Ariadni                                                                                                                                                                   | –           | AYF-103P-                        | –           | AYF-103P-277-                                                                            | –           | –                       |
| Caséta Wireless                                                                                                                                                           | –           | –                                | –           | –                                                                                        | –           | PD-10NXD-               |
| Diva Gloss                                                                                                                                                                | –           | DVF-103P-                        | –           | DVF-103P-277-                                                                            | –           | –                       |
| Diva Satin Finishes                                                                                                                                                       | –           | DVSCF-103P-                      | –           | DVSCF-103P-277-                                                                          | –           | –                       |
| GRAFIK T                                                                                                                                                                  | –           | –                                | –           | –                                                                                        | –           | GT-250M-GTJ-250M-       |
| Maestro Gloss                                                                                                                                                             | –           | –                                | –           | –                                                                                        | –           | MA-PRO-                 |
| Maestro Satin Finishes                                                                                                                                                    | –           | –                                | –           | –                                                                                        | –           | MA-PRO-                 |
| Nova T☆                                                                                                                                                                   | NTF-10-     | NTF-103P-                        | NTF-10-277- | NTF-103P-277-                                                                            | –           | –                       |
| Skylark                                                                                                                                                                   | SF-10P-     | SF-103P-                         | SF-12P-277- | SF-103P-277-3-                                                                           | –           | –                       |
| Sunnata                                                                                                                                                                   |             |                                  |             |                                                                                          |             | ST-PRO-N-               |
| Vive Maestro Wireless                                                                                                                                                     | –           | MRF2S-6ELV120-                   | –           | –                                                                                        | –           | MRF2S-6ND-120-          |

## Technical notes:

- Lighting load interfaces must be matched to load type and voltage
- Interfaces typically require additional power feeds
- Power feed to dimmer may differ from lighting load/interface voltage
- For wiring information, visit [lutron.com/support](http://lutron.com/support)

## Use only dimmer model numbers listed.

\* Visit [lutron.com/ledtool](http://lutron.com/ledtool) for a recommended list of dimmable LED (screw-base) bulbs.

\*\* Dual 120/277 V model given, 120 V-only versions are also available.

| 3-wire LED drivers or fluorescent ballasts (120/277 V)                               |                         | 0-10V DC LED or ballast fixtures (120/277 V)                                          |                         | Tu-Wire fluorescent ballasts (120 V)                                                   |                         | Switched lighting (120/277 V)                                                          |                         |
|--------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------|-------------------------|
| 3F  |                         | TVI  |                         | PA  |                         | SW  |                         |
| Fluorescent Power Module<br>Mounts to a 2-gang back-box (W: 6.30in x H: 5.10in)      |                         | 0-10V Interface<br>Surface-mount only<br>(W: 6.10in x H: 12.50in x D: 3.30in)         |                         | Phase Adaptive Power Module; Mounts to a 2-gang backbox (W: 6.30in x H: 5.10in)        |                         | Switching Power Module<br>Mounts to a 2-gang back-box (W: 6.30in x H: 5.10in)          |                         |
| 120 V control<br>PHPM-3F-DV-WH**                                                     |                         | 120 V control<br>GRX-TV1                                                              |                         | 120 V control<br>PHPM-PA-DV-WH**                                                       |                         | 120 V control<br>PHPM-SW-DV-WH**                                                       |                         |
| Single-pole                                                                          | 3-way or multi-location | Single-pole                                                                           | 3-way or multi-location | Single-pole                                                                            | 3-way or multi-location | Single-pole                                                                            | 3-way or multi-location |
| –                                                                                    | AYF-103P-               | –                                                                                     | AYF-103P-               | –                                                                                      | AYF-103P-               | –                                                                                      | –                       |
| –                                                                                    | PD-10NXD-               | –                                                                                     | PD-10NXD-               | –                                                                                      | PD-10NXD-               | –                                                                                      | PD-6ANS-                |
| –                                                                                    | DVF-103P-               | –                                                                                     | DVF-103P-               | –                                                                                      | DVF-103P-               | –                                                                                      | –                       |
| –                                                                                    | DVSCF-103P-             | –                                                                                     | DVSCF-103P-             | –                                                                                      | DVSCF-103P-             | –                                                                                      | –                       |
| –                                                                                    | GT-250M-GTJ-250M-       | –                                                                                     | GT-250M-GTJ-250M-       | –                                                                                      | GT-250M-GTJ-250M-       | –                                                                                      | GT-5ANSM-GTJ-5ANSM-     |
| –                                                                                    | MA-PRO-                 | –                                                                                     | MA-PRO-                 | –                                                                                      | MA-PRO-                 | –                                                                                      | MA-S8AM-                |
| –                                                                                    | MA-PRO-                 | –                                                                                     | MA-PRO-                 | –                                                                                      | MA-PRO-                 | –                                                                                      | MSC-S8AM-               |
| NTF-10-                                                                              | NTF-103P-               | NTF-10-                                                                               | NTF-103P-               | NTF-10-                                                                                | NTF-103P-               | –                                                                                      | –                       |
| SF-10P-                                                                              | SF-103P-                | SF-10P-                                                                               | SF-103P-                | SF-10P-                                                                                | SF-103P-                | –                                                                                      | –                       |
|                                                                                      | ST-PRO-N-               |                                                                                       | ST-PRO-N-               |                                                                                        | ST-PRO-N-               |                                                                                        | ST-6ANS-                |
| –                                                                                    | MRF2S-6ELV120-          | –                                                                                     | MRF2S-6ELV120-          | –                                                                                      | –                       | –                                                                                      | MRF2S-6ANS-             |

## Technical notes:

- Lighting load interfaces must be matched to load type and voltage
- Interfaces typically require additional power feeds
- Power feed to dimmer may differ from lighting load/interface voltage
- For wiring information, visit [lutron.com/support](http://lutron.com/support)

## Use only dimmer model numbers listed.

\*\* Dual 120/277 V model given, 120 V-only versions are also available.

## Sunnata touch dimmer & switch



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

### Control types

-  Single-pole (1 location)
-  3-way (2 locations)
-  Multi-location (up to 10 locations)

### Product family features

- Touch or swipe the light bar to set your lights with the Sunnata touch dimmer, the next generation design and technology
- LED+ and PRO models include advanced technology for superior dimming of LED, halogen, and incandescent bulbs
- Touch dimmers with on/off paddle switch
- MyLevel personalization gives you the ability to customize light bar brightness and set a preset level. Visit [lutron.com/SunnataMyLevel](http://lutron.com/SunnataMyLevel) for more information.
- Coordinating Claro and Stainless Steel wallplates available separately.
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.
- Visit [lutron.com/sunnata](http://lutron.com/sunnata) to learn more.

### Direct load type compatibility

-  Dimmable LED/CFL lighting (screw-base)
-  Incandescent/halogen lighting
-  Magnetic low-voltage lighting
-  Electronic low-voltage lighting
-  Switched lighting/fan/motor

### Load type requiring load interface

-  Neon/cold cathode lighting

Lighting load interfaces may be required for some load type, voltage, and capacity combinations. For additional information see "Lighting Load Interfaces."

## Available finishes

Use **BOLD** color code in model number (Example: STCL-153M-**BL**)

### Gloss



**WH**  
White

**LA**  
Light Almond

**IV**  
Ivory

**BL**  
Black

### Satin Finishes



**BW**  
Brilliant White

**GL**  
Glacier White

**SW**  
Snow

**RW**  
Architectural  
White

**LG**  
Lunar Gray

**MI**  
Mist

**PB**  
Pebble



**CS**  
Cobblestone

**SL**  
Slate

**MN**  
Midnight

**BI**  
Biscuit

**SD**  
Sand

**TP**  
Taupe

**PM**  
Pumice

### Metal wallplate\*



**CY**  
Clay

**SA**  
Sage

**EP**  
Espresso

**TF**  
Truffle

**DE**  
Deep Sea

**SR**  
Signal Red

**SS**  
Stainless Steel

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adaptor visible from the side. Match with separate Black (BL) or Midnight (MN) controls.

## Sunnata touch dimmer & switch

### Touch dimmers



- LED+ technology provides superior dimming of LED, incandescent, and halogen bulbs
- Touch the light bar to set your lights
- LED light bar provides soft glow in the dark
- LED+ allows you to dim from one location and switch from another with the LED+ accessory switch
- PRO dimmer allows dimming from every location with a matching PRO companion dimmer

### Switches



- For multi-location switching, use one Sunnata switch with Sunnata companion switches
- Indicator LED

#### Switches

##### Electronic switches<sup>t</sup>

|                               |                                 |
|-------------------------------|---------------------------------|
| Multi-location/single-pole    | ST-6ANS- <b>XX</b> <sup>2</sup> |
| 120V 6A light, 3A fan, 1/10HP |                                 |

#### Dimmable LED/CFL (screw-base) dimmer

##### Incandescent/halogen dimmer

##### LED+ touch dimmer

Multi-location<sup>\*\*</sup>/3-way<sup>\*</sup>/single-pole STCL-153M-**XX**<sup>1</sup>  
120V 150W (LED/CFL), 600W (Inc)

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

#### Dimmable LED/CFL Screw-base) dimmer

##### Incandescent/halogen dimmer

##### Magnetic low-voltage dimmer

##### Electronic low-voltage dimmer

##### PRO LED+ touch dimmer<sup>t</sup>

Multi-location/single pole ST-PRO-N-**XX**<sup>2</sup>  
120V 250W (LED), 500W (ELV/Inc), 400VA (MLV)

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Gloss and Satin color codes

Wallplates not included. Order separately.

\* Works with a standard mechanical 3-way switch

\*\* Dimming from only one location, switching from remaining with LED+ Accessory Switches

<sup>t</sup> Required neutral connection

## Companion controls



- Use up to nine LED+ Accessory switches with LED+ dimmer
- Use up to 4 PRO companion dimmers with PRO dimmer
- Use up to 4 companion switches with Sunnata switch
- Companion controls are NOT interchangeable

## Companion controls

### Companion controls

|                                                    |                               |
|----------------------------------------------------|-------------------------------|
| LED+ accessory switch<br>120V (for STCL-153M only) | ST-AS- <b>XX</b> <sup>1</sup> |
| PRO companion dimmer<br>120V (for ST-PRO-N only)   | ST-RD- <b>XX</b> <sup>2</sup> |
| Companion switch<br>120V (for ST-6ANS only)        | ST-RS- <b>XX</b> <sup>2</sup> |

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Gloss and Satin color codes

Wallplates not included. Order separately.



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

## Control types

-  Single-pole (1 location)
-  3-way (2 locations)
-  Multi-location (up to 10 locations)

## Product family features

- True multi-location dimming from every location
- Tap on to preset level; tap off; tap twice for full on; touch rocker to adjust light level
- LEDs indicate light level and glow softly in the dark
- Delayed off provides light as you exit the room
- Programming allows customized functions
- LED+, ELV, and PRO models available
- Coordinating Claro, Satin Finishes, and Stainless Steel wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.

## Direct load type compatibility

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

## Load type requiring load interface

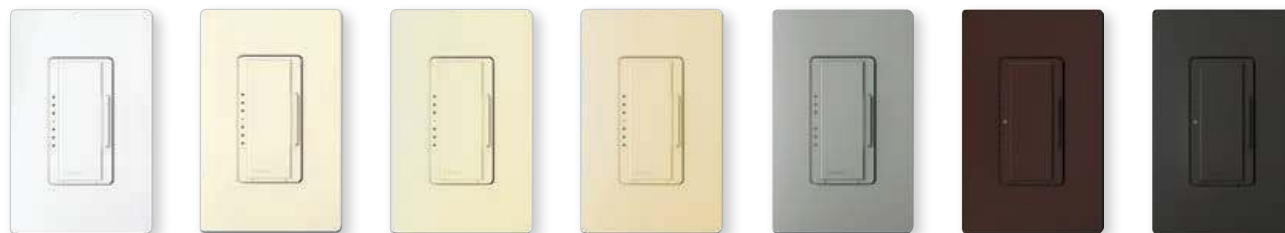
-  Neon/cold cathode lighting

Lighting load interfaces may be required for some load type, voltage, and capacity combinations. For additional information see "Lighting Load Interfaces."

## Available finishes

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

### Gloss



**WH**  
White

**LA**  
Light Almond

**AL**  
Almond

**IV**  
Ivory

**GR**  
Gray

**BR**  
Brown

**BL**  
Black

### Satin Finishes



**SW**  
Snow

**BI**  
Biscuit

**TP**  
Taupe

**MN**  
Midnight

**HT**  
Hot

**PD**  
Palladium

**SS**  
Stainless Steel

Metal wallplate\*

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

## Digital fade dimmers



- Provides true dimming from each location (with companion dimmer).
- LED+ dimmer provides reliable dimming of dimmable LEDs/CFLs, as well as halogens and incandescents

**Dimmable LED/CFL (screw-base) dimmer**

**Incandescent/halogen dimmer**

**Magnetic low-voltage dimmer**

**Electronic low-voltage dimmer**

### Digital fade PRO LED+ dimmer\*

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Multi-location/single-pole                       | MA-PRO- <b>XX</b> <sup>1</sup> |
| 120 V 250 W (LED), 500 W (Inc/ELV), 400 VA (MLV) |                                |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

**Dimmable LED/CFL (screw-base) dimmer**

**Incandescent/halogen dimmer**

### Digital fade LED+ dimmer

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Multi-location/3-way†              | MACL-153M- <b>XX</b> <sup>1</sup> |
| single-pole                        |                                   |
| 120 V 150 W (LED/CFL), 600 W (Inc) |                                   |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

**Incandescent/halogen dimmers**

### Digital fade dimmers

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

**Magnetic low-voltage dimmers**

### Digital fade dimmers

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

**Electronic low-voltage dimmers**

### Digital fade dimmers\*\*

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

**XX**<sup>1</sup>: Gloss and Satin color codes

**XX**<sup>2</sup>: Gloss color codes

**XX**<sup>3</sup>: Satin color codes

Wallplates not included. Order separately.

\* Neutral optional

\*\* **Required neutral connection**

† Works with a standard mechanical 3-way switch

## Electronic switches



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

### Switches

#### Electronic switches\*

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

## Companion controls



- Uses up to nine companion controls with multi-location dimmers or switches
- Uses standard 3-way wiring

### Companion controls

#### Companion controls

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

## Countdown timer control switches



- Tap to start timer (5-60 minutes); tap to turn off; tap twice to turn on with no timer action
- 1-minute warning before lights/fan go off
- Timer advanced programming features available

### Timers

#### Countdown timer control switches (5–60 minutes/full on)

|                              |                                  |
|------------------------------|----------------------------------|
| Multi-location/single-pole*† | MA-T51MN- <b>XX</b> <sup>1</sup> |
| 120V 5A light, 3A fan        |                                  |

Timer rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, LEDs, fluorescents, CFLs, and general purpose fans.

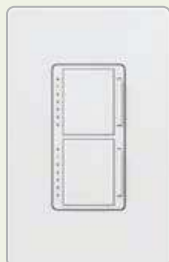
**XX**<sup>1</sup>: Gloss and Satin color codes  
**XX**<sup>2</sup>: Gloss color codes  
**XX**<sup>3</sup>: Satin color codes  
 Wallplates not included. Order separately.

#### \* Required neutral connection

† For multi-location switching, use a companion switch

## Dual digital-fade dimmer

(two loads)



### Dimmers (top/bottom)

- Replacement for stacked switches
- Tap to turn on to preset light level; tap to turn off; tap twice to turn to full on
- Single location only
- Dimmer advanced programming features available

## Dual digital-fade dimmer/ electronic switch

(two loads)



### Dimmer (top)

- Replacement for stacked switches
- Tap to turn on to preset light level; tap to turn off; tap twice to turn to full on
- Dimmer advanced programming features available

### Switch (bottom)

- Tap to turn on/off
- Single location only

## Incandescent/halogen dimmer and incandescent/halogen dimmer

Dual digital fade dimmer (two loads)

Single-pole

MA-L3L3-**XX**<sup>1</sup>

120V 300W dimmer (top)

Incandescent/halogen

120V 300W dimmer (bottom)

Incandescent/halogen

## Incandescent/halogen dimmer and switch

Dual digital fade dimmer/electronic switch  
(two loads)

Single-pole

MA-L3S25-**XX**<sup>1</sup>

120V 300W dimmer (top)

Incandescent/halogen

2.5 A light/fan switch (bottom)

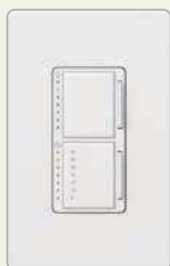
Switch rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, CFLs, fluorescents, and general purpose fans.

**XX**<sup>1</sup>: Gloss and Satin color codes

Wallplates not included. Order separately.

## Dual digital fade dimmer/countdown timer control switch

(two loads)



### Dimmer (top)

- Tap to turn on to preset light level; tap off; tap twice to turn on with no timer action

### Timer switch (bottom)

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

## Fan/light controls



- Tap to turn on to preset light level/fan speed; tap to turn off
- Four fan speeds plus off
- Indicator lights display light level and fan speed
- No canopy module required
- Requires separate wires for fan and light

### Fan/light controls

#### Fan/light controls—quiet 4-speed

|                           |                                  |
|---------------------------|----------------------------------|
| Single-pole               | MACL-LFQ- <b>XX</b> <sup>1</sup> |
| 120V 1.5A fan             |                                  |
| 120V 75W LED/CFL          |                                  |
| 250W Incandescent/halogen |                                  |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

### Incandescent/halogen dimmer and timer

Dual digital fade dimmer/countdown timer control switch (two loads)

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Single-pole                          | MA-L3T251- <b>XX</b> <sup>1</sup> |
| 120V 300W dimmer (top)               |                                   |
| Incandescent/halogen                 |                                   |
| 2.5A light/fan timer switch (bottom) |                                   |

Timer rated for: incandescent/halogen, magnetic low-voltage, electronic low-voltage, CFLs, fluorescents, and general purpose fans.

**XX**<sup>1</sup>: Gloss and Satin color codes

Wallplates not included. Order separately.

## Maestro sensors



Shown actual size: Maestro occupancy/vacancy LED+ dimmer sensor and 1-gang Claro wallplate in White (WH).

### Control types

 Single-pole (1 location)

 3-way (2 locations)

 Multi-location (up to 10 locations)

### Product family features

- Will turn lights on as you enter a room and off after the room is vacated
- Passive infrared (PIR) or dual-technology detection with Lutron's exclusive XCT technology for fine and very fine motion detection
- Occupancy/vacancy (auto-on/auto-off or manual-on/auto-off) or vacancy-only (manual-on/auto-off) versions available
- Vacancy models meet California Title 24 requirements
- Dual-voltage (120–277 V) switch option available
- Sensor switch available in single- or dual-circuit models
- Dimmer sensors available for dimmable screw-in LED/CFL bulbs (LED+ model) or 0–10 V fixtures
- 180° sensor field-of-view
- Up to 30 ft x 30 ft major motion and 20 ft x 20 ft minor motion coverage
- Coordinating Claro, Satin Finishes and Stainless Steel wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.
- Occupancy sensors can be programmed to be vacancy-only sensors

### Direct load type compatibility

#### Dimmer

-  Dimmable LED/CFL lighting (screw-base)
-  Incandescent/halogen lighting
-  LED lighting
-  Fluorescent lighting

#### Switch

-  Switched lighting/fan/motor

Lighting load interfaces are not compatible with this family.

## Available finishes

Use **BOLD** color code in model number (Example: MS-OP600M-**MN**)

Gloss



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black

Satin Finishes



**SW**  
Snow



**BI**  
Biscuit



**TP**  
Taupe



**MN**  
Midnight



**HT**  
Hot



**PD**  
Palladium



**SS**  
Stainless Steel

Metal wallplate\*

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

## Dimmer sensors



- Passive infrared (PIR) sensor with Lutron exclusive XCT technology

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

Digital fade LED+ dimmer, occupancy/vacancy, and vacancy-only sensor

|                                        |                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------|
| Multi-location/3-way**/<br>single-pole | MSCL-OP153M- <b>XX</b> <sup>†</sup><br>MSCL-VP153M- <b>XX</b> <sup>†*</sup> |
| 120V 150W (LED/CFL),<br>600W (Inc)     |                                                                             |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

### 0–10V LED/fluorescent fixture dimmers (current sink control)

Digital fade 0–10V dimmer occupancy/vacancy sensor

|                           |                                    |
|---------------------------|------------------------------------|
| 3-way**/single-pole       | MS-Z101- <b>XX</b> <sup>†</sup>    |
| 120–277V 8A               | MS-Z101-V- <b>XX</b> <sup>†*</sup> |
| 50mA max. control current |                                    |

No power pack required.

Compatible with any IEC 60929 Annex.

E compliant driver or ballast.

No derating required if ganged.

**XX**<sup>†</sup>: Gloss and Satin color codes

Wallplates not included. Order separately.

## Single-circuit sensor switches



- Available with passive infrared (PIR) or dual-technology sensor

- All models feature Lutron exclusive XCT technology

- Adjustable timeout—1, 5, 15, or 30 minutes



- High-low sensitivity adjustment
- Multi-location models work with up to nine companion switches

### Switches

Single-circuit PIR occupancy/vacancy sensor switches<sup>†</sup>

|                                                     |                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------|
| Single-pole                                         | MS-OPS2- <b>XX</b> <sup>†</sup>                                               |
| 120V 2A lighting                                    | MS-VPS2- <b>XX</b> <sup>†*</sup>                                              |
| Multi-location/3-way**/<br>single-pole              | MS-OPS5M- <b>XX</b> <sup>†</sup>                                              |
| 120V 5A lighting,<br>3A fan (1/10HP)                | MS-VPS5M- <b>XX</b> <sup>†*</sup>                                             |
| Multi-location/3-way**/<br>single-pole              | MS-OPS6M2-DV- <b>XX</b> <sup>†</sup><br>MS-VPS6M2-DV- <b>XX</b> <sup>†*</sup> |
| 120–277V 6A lighting,<br>3A fan (1/10HP) @120V only |                                                                               |
| No derating required if ganged.                     |                                                                               |

\* Vacancy-only model

\*\* Works with standard mechanical 3-way switch

<sup>†</sup> Neutral wire and ground connection available, one required

## Single-circuit dual-technology occupancy/ vacancy sensor switches

|                                                            |                                    |
|------------------------------------------------------------|------------------------------------|
| Single-pole                                                | MS-A102- <b>XX</b> <sup>†</sup>    |
| 120–277 V 6 A lighting,<br>4.4 A fan (1/6 HP) @ 120 V only | MS-A102-V- <b>XX</b> <sup>††</sup> |
| Multi-location/ 3-way*/<br>single-pole**                   | MS-B102- <b>XX</b> <sup>†</sup>    |
| 120–277 V 6 A lighting,<br>4.4 A fan (1/6 HP) @ 120 V only | MS-B102-V- <b>XX</b> <sup>††</sup> |
| No derating required if ganged.                            |                                    |

## Dual-circuit sensor switches

(two loads)



- Available with passive infrared (PIR) or dual-technology sensor
- All models feature Lutron exclusive XCT technology
- Allows the control of two circuits from one sensor switch
- Ideal for bi-level switching in commercial buildings/helps meet codes such as ASHRAE 90.1 2010
- High-low sensitivity adjustment

## Switches

### Dual-circuit PIR occupancy sensor switch <sup>††</sup>

|                                                                      |                                     |
|----------------------------------------------------------------------|-------------------------------------|
| Single-pole                                                          | MS-OPS6-DDV- <b>XX</b> <sup>†</sup> |
| 120–277 V 6 A lighting,<br>4.4 A fan (1/6 HP) 120 V only per circuit | MS-PPS6-DDV- <b>XX</b> <sup>†</sup> |

No derating required if ganged.

### Dual-circuit dual-technology occupancy sensor switches

|                                                                      |                                 |
|----------------------------------------------------------------------|---------------------------------|
| Single-pole                                                          | MS-A202- <b>XX</b> <sup>†</sup> |
| 120–277 V 6 A lighting,<br>4.4 A fan (1/6 HP) 120 V only per circuit |                                 |
| 3-way*/single-pole**                                                 | MS-B202- <b>XX</b> <sup>†</sup> |
| 120–277 V 6 A lighting,<br>4.4 A fan (1/6 HP) 120 V only per circuit |                                 |

No derating required if ganged.

**XX**<sup>†</sup>: Gloss and Satin color codes

Wallplates not included. Order separately.

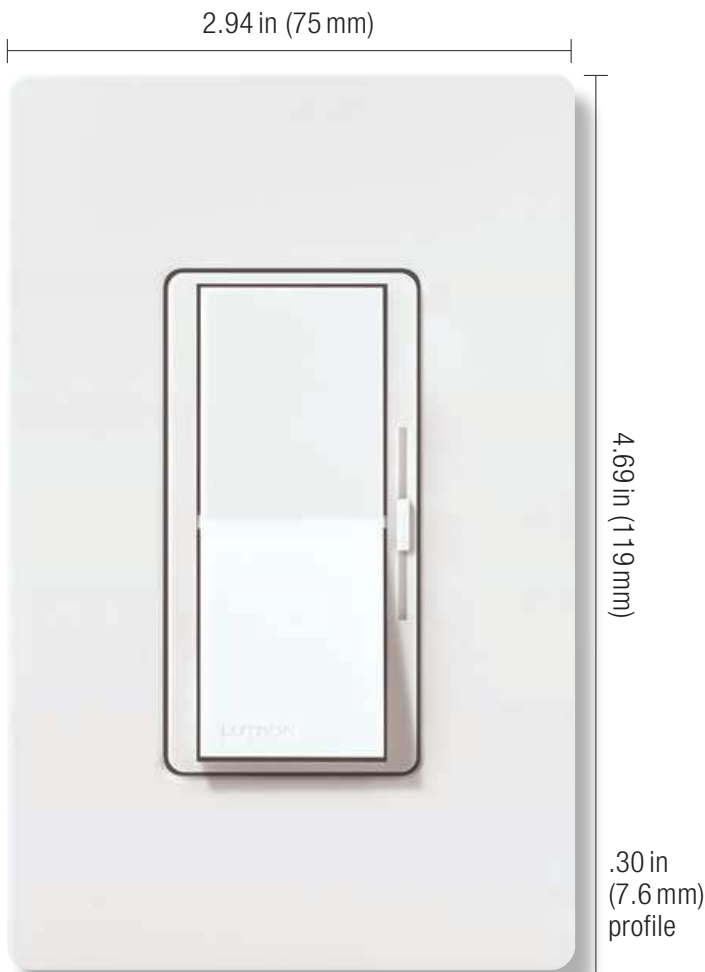
\* Works with a standard mechanical 3-way switch

\*\* Requires neutral wire connection

<sup>†</sup> Vacancy-only model

<sup>††</sup> Neutral wire and ground connection available,  
one required

# Diva dimmers, switches, and fan controls



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

## Product family features

- Large paddle switch with a captive linear slide dimmer for a standard Designer wallplate opening
- Preset dimmer
- LED+, reverse-phase, and 0-10V models available
- Coordinating Claro, Satin Finishes, and Stainless Steel wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.

## Control types

- 🔌 Single-pole (1 location)
- 🔌🔌🔌 3-way or 4-way (2 or more locations)

## Direct load type compatibility

- 💡 Dimmable LED/CFL lighting (screw-base)
- 💡 Incandescent/halogen lighting
- 💡 Magnetic low-voltage lighting
- 💡 Electronic low-voltage lighting
- 🌀 LED lighting
- 💡 Fluorescent lighting
- 🔌 Switched lighting/fan/motor
- 🌀 Ceiling fans

## Load type requiring load interface

- 🌀 Neon/cold cathode lighting

Lighting load interfaces may be required for some additional load type, voltage, and capacity combinations. For additional information see "Lighting Load Interfaces."

## Available finishes

Use **BOLD** color code in model number (Example: DVCL-153P-**BL**)

### Gloss



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black

### Satin Finishes



**BW**  
Brilliant White



**GL**  
Glacier White



**SW**  
Snow



**RW**  
Architectural  
White



**LG**  
Lunar Gray



**MI**  
Mist



**PB**  
Pebble



**CS**  
Cobblestone



**SL**  
Slate



**MN**  
Midnight



**BI**  
Biscuit



**SD**  
Sand



**TP**  
Taupe



**PM**  
Pumice



**CY**  
Clay



**SA**  
Sage



**EP**  
Espresso



**TF**  
Truffle



**DE**  
Deep Sea



**SR**  
Signal Red



**SS**  
Stainless Steel

Metal wallplate\*

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

# Diva dimmers, switches, and fan controls

## Dimmers



- Paddle turns on/off
- Slide up to brighten, down to dim
- LED+ dimmers provide reliable dimming of dimmable LEDs/CFLs, as well as halogens and incandescents

### Dimmable LED/CFL (screw-base) dimmers

#### Incandescent/halogen dimmers

##### LED+ dimmers

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

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| 3-way/single-pole                     | DVCL-253P- <b>XX</b> <sup>1</sup>   |
| 120 V 250 W (LED/CFL),                | DVSCCL-253P- <b>XX</b> <sup>2</sup> |
| 600 W (Inc)                           |                                     |
| 350 W (Hi-lume 1% LED driver, max. 8) |                                     |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

### Dimmable LED/CFL (screw-base) dimmers

#### Incandescent/halogen dimmers

#### Electronic low-voltage dimmers

##### Reverse-phase dimmers\*

|                          |                                    |
|--------------------------|------------------------------------|
| 3-way/single-pole        | DVRP-253P- <b>XX</b> <sup>1</sup>  |
| 120 V 250 W (LED/CFL),   | DVSCR-253P- <b>XX</b> <sup>2</sup> |
| 500 W (Inc), 500 W (ELV) |                                    |

When dimming LEDs/CFLs, only bulbs marked or rated as dimmable with reverse-phase may be used.

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

No low-end trim.

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Satin color codes

Wallplates not included. Order separately.

### Incandescent/halogen dimmers

#### Dimmers

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

### Magnetic low-voltage dimmers

#### Dimmers

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

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

### Electronic low-voltage dimmers

#### Dimmers\*

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

\* Requires neutral wire connection

## **3-wire LED driver/fluorescent ballast dimmers**

### Dimmers\*

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

No derating required if ganged.

Adjustable low-end trim.

## **0-10V LED/fluorescent fixture dimmers** (current sink control)

### Dimmers

|                          |                                 |
|--------------------------|---------------------------------|
| 3-way/single-pole        | DVSTV- <b>XX</b> <sup>1</sup>   |
| 120–277V 8A              | DVSCSTV- <b>XX</b> <sup>2</sup> |
| 50mA max control current |                                 |

No power pack required.

No derating required if ganged.

## **0-10V LED/fluorescent fixture dimmers** (current sink control – power pack required)

### Dimmers\*

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

Control provides dimming signal only. For dimming with on/off switching, **use with Lutron power pack:** PP-DV or PP-347H.

Compatible with any IEC 60929 Annex E compliant driver or ballast.

No derating required if ganged.

## **Tu-Wire fluorescent ballast dimmers**

### Dimmers

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

Compatible with Advance Mark X and Sylvania POWERSENSE fluorescent ballasts, in addition to Lutron Tu-Wire.

**XX**<sup>1</sup>: Gloss color codes  
**XX**<sup>2</sup>: Satin color codes  
Wallplates not included. Order separately.

\* **Requires neutral wire connection**

## Mechanical switches



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

### General purpose switches

#### Mechanical switches

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

#### Mechanical switches with locator light

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

No derating required if ganged.

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Satin color codes

**XX**<sup>3</sup>: Available in Gloss White (WH), Ivory (IV), Almond (AL), and Light Almond (LA)

**XX**<sup>4</sup>: Available in Satin Finishes Snow (SW) and Biscuit (BI)

Wallplates not included. Order separately.

## Fan controls



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

### Fan controls

#### Fan controls—quiet 3-speed

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

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

Does not include built-in locator light.

No derating required if ganged.

## Fan/light controls



- Switch** (paddle)
- Turns light on/off
- Fan Control** (slider)
- Use slide to turn fan on/off and adjust fan speed
- 3 quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Designed to prevent motor hum

### Fan/light controls

#### Fan/light controls—quiet 3-speed

|                         |                                    |
|-------------------------|------------------------------------|
| Single-pole             | DVFSQ-LF- <b>XX</b> <sup>1</sup>   |
| 120V 1.5A Fan,          | DVSCFSQ-LF- <b>XX</b> <sup>2</sup> |
| 120V 1A LED/CFL,        |                                    |
| 2A Incandescent/halogen |                                    |

No derating required if ganged.

Does not include built-in locator light.

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Satin color codes

Wallplates not included. Order separately.

## Skylark Contour dimmers and fan controls



Shown actual size: Skylark Contour LED+ dimmer and 1-gang Claro wallplate in White.

### Product family features

- Rocker switch returns light to light level indicated by slider
- Slide up to brighten, down to dim
- LED+ and reverse phase models available
- Coordinating Claro wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.

### Control types

 Single-pole (1 location)

 3-way or 4-way (2 or more locations)

### Direct load type compatibility

 Dimmable LED/CFL lighting (screw-base)

 Incandescent/halogen lighting

 Magnetic low-voltage lighting

 Electronic low-voltage lighting

 Ceiling fans

Lighting load interfaces are not compatible with this family.

## Available finishes

Use **BOLD** color code in model number (Example: CTCL-153P-**IV**)

Gloss



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black

Metal wallplates\*



**SS**  
Stainless Steel

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) control.

## Dimmers



- Preset model includes rocker switch to adjust light to the level indicated by the slider
- LED+ dimmer provides reliable dimming of dimmable LEDs/CFLs, as well as halogens and incandescents



**Dimmable LED/CFL (screw-base) dimmer**



**Incandescent/halogen dimmer**



**Electronic low-voltage dimmer**

**Reverse-phase dimmer with on/off switch\***

|                                                |                                   |
|------------------------------------------------|-----------------------------------|
| 3-way/single-pole                              | CTRP-253P- <b>XX</b> <sup>1</sup> |
| 120V 250W (LED/CFL),<br>500W (Inc), 500W (ELV) |                                   |

When dimming LEDs/CFLs, only bulbs marked or rated as dimmable with reverse-phase may be used.

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.



**Dimmable LED/CFL (screw-base) dimmer**

**Incandescent/halogen dimmer**

**LED+ dimmer with on/off switch**

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

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

**Slide-to-off LED+ dimmer**

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Single-pole                        | CTCL-150H- <b>XX</b> <sup>1</sup> |
| 120V 150W (LED/CFL),<br>600W (Inc) |                                   |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

**XX**<sup>1</sup>: Gloss color codes

Wallplates not included. Order separately.

\* Requires neutral wire connection

## Incandescent/halogen dimmer

### Magnetic low-voltage dimmer

Dimmer with on/off switch

|                     |                                 |
|---------------------|---------------------------------|
| 3-way/single-pole   | CT-103P- <b>XX</b> <sup>1</sup> |
| 120 V 1000 W (Inc), |                                 |
| 600 VA/450 W (MLV)  |                                 |

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

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

## Electronic low-voltage dimmer

Dimmer with on/off switch\*

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

## Fan control



- Rocker switch returns fan to speed level indicated by slider
- Slide up to increase speed, down to decrease speed
- 3 quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Designed to prevent motor hum

## Fan control

Fan control—quiet 3-speed

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

No derating required if ganged.

**XX**<sup>1</sup>: Gloss color codes

Wallplates not included. Order separately.

\* Requires neutral wire connection



## Product family features

- Rocker switch returns light to light level indicated by slider
- Slide up to brighten, down to dim
- LED+ model available
- Coordinating Claro wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.

## Control types

Single-pole (1 location)

3-way or 4-way (2 or more locations)

## Direct load type compatibility

Dimmable LED/CFL lighting (screw-base)

Incandescent/halogen lighting

Ceiling fans

Lighting load interfaces are not compatible with this family.

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

## Available finishes

Use **BOLD** color code in model number (Example: LECL-153P-**WH**)

Gloss



**WH**  
White



**IV**  
Ivory



**LA**  
Light Almond

Dimmers



- Rocker switch returns light to light level indicated by slider
- LED+ dimmer provides reliable dimming of dimmable LEDs/CFLs, as well as halogens and incandescents

Fan Control



- Rocker switch returns fan to speed level indicated by slider
- For use with only one ceiling paddle fan
- Designed to prevent motor hum

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

LED+ dimmer with on/off switch

3-way/single-pole LECL-153PH-**XX**<sup>1</sup>  
120V 150W (LED/CFL),  
600W (Inc)

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.  
Adjustable low-end trim.

 **Fan control**

Fan control—quiet 3-speed

3-way/single-pole LEFSQ-FH-**XX**<sup>1</sup>  
120V 1.50A

No derating required if ganged.

**XX**<sup>1</sup>: Gloss color codes  
Wallplates not included. Order separately.

## Skylark dimmers and fan controls



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

### Product family features

- Rocker switch returns light to light level indicated by slider on preset dimmers
- Slide up to brighten, down to dim
- LED+ models available
- Coordinating Claro and Stainless Steel wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.

### Control types

Single-pole (1 location)

3-way or 4-way (2 or more locations)

### Direct load type compatibility

Dimmable LED/CFL lighting (screw-base)

Incandescent/halogen lighting

Magnetic low-voltage lighting

Electronic low-voltage lighting

LED lighting

Fluorescent lighting

Ceiling fans

Ceiling fan/lights

### Load type requiring load interface

Neon/cold cathode lighting

Lighting load interfaces may be applicable for some additional load type, voltage, and capacity combinations. For additional information see "Lighting Load Interfaces."

## Available finishes

Use **BOLD** color code in model number (Example: SCL-153P-**GR**)

Gloss



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black

Metal wallplates\*



**SS**  
Stainless Steel

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) control.

## Dimmers



- Preset models include rocker switch to return to light level indicated by slider
- Slide up to turn on/brighten, down to turn off/dim
- LED+ dimmer provides reliable dimming of dimmable LEDs/CFLs, as well as halogens and incandescents



## Incandescent/halogen dimmers

### Dimmers with on/off switch

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

### Slide-to-off dimmers

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

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

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

## Dimmable LED/CFL (screw-base) dimmer

### Incandescent/halogen dimmer

#### LED+ dimmer with on/off switch

|                                    |                                  |
|------------------------------------|----------------------------------|
| 3-way/single-pole                  | SCL-153P- <b>XX</b> <sup>1</sup> |
| 120V 150W (LED/CFL),<br>600W (Inc) |                                  |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

**XX**<sup>1</sup>: Gloss color codes

## **Magnetic low-voltage dimmers**

### Dimmers with on/off switch

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

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

## **Electronic low-voltage dimmers**

### Dimmers with on/off switch\*

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

## **3-wire LED driver/fluorescent ballast dimmers**

### Dimmers with on/off switch\*

|                        |                                      |
|------------------------|--------------------------------------|
| Single-pole<br>120V 8A | SF-10P- <b>XX</b> <sup>1</sup>       |
| Single-pole<br>277V 6A | SF-12P-277- <b>XX</b> <sup>1</sup>   |
| 3-way<br>120V 8A       | SF-103P- <b>XX</b> <sup>1</sup>      |
| 3-way<br>277V 6A       | SF-12P-277-3- <b>XX</b> <sup>1</sup> |

No derating required if ganged.  
Adjustable low-end trim.

## **Tu-Wire fluorescent ballast dimmer**

### Dimmer with on/off switch

|                              |                                   |
|------------------------------|-----------------------------------|
| 3-way/single-pole<br>120V 5A | SFTU-5A3P- <b>XX</b> <sup>1</sup> |
|------------------------------|-----------------------------------|

Compatible with Advance Mark X and Sylvania POWERSENSE fluorescent ballasts, in addition to Lutron Tu-Wire.

**XX**<sup>1</sup>: Gloss color codes  
Wallplates not included. Order separately.

\* Requires neutral wire connection

## Dual slide-to-off dimmer

(two loads)



### Dimmers (left/right)

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

## Incandescent/halogen dimmer

### Dual slide-to-off dimmer

Single-pole

S2-L-**XX**<sup>1</sup>

120 V 300 W dimmer (left)

Incandescent/halogen

300 W dimmer (right)

Incandescent/halogen

## Slide-to-off fan controls



- Slide up to turn on/increase speed, down to turn off/decrease speed
- 3 quiet fan speeds designed to prevent motor hum (for use with only one ceiling paddle fan)
- Fully variable model also available (for use with multiple ceiling paddle or exhaust fans)

## Fan controls

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

Single-pole

SFSQ-F-**XX**<sup>1</sup>

120 V 1.5 A

Single-pole

SFSQ-F-HO-**XX**<sup>1</sup>

120 V 2 A

SFSQ-F-HO model for use with Hunter Original Series fans.

No derating required if ganged.

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

Single-pole

SFS-5E-**XX**<sup>1</sup>

120 V 5 A

Control provides an additional wire for fan light switching (360 W, incandescent/halogen). Light turns on when fan is on, and off when fan is off.

Fully variable fan controls are commonly known as solid state fan controls.

**XX**<sup>1</sup>: Gloss color codes

Wallplates not included. Order separately.

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

(two loads)



### Fan control (top)

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

### Switch (bottom)

- Rocker switch turns light on/off

### ✂ Fan control/light control

Slide-to-off fan/light control—quiet 3-speed  
with on/off light switch (two loads)

Single-pole SFSQ-LF-**XX**<sup>1</sup>

120V 1.5A fan (top)

360W switch (bottom)

Incandescent/halogen

No derating required if ganged.

## Dual slide-to-off fan/light control

(two loads)



### Fan control (left)

- Slide up to turn on/increase speed, down to turn off/decrease speed

### Dimmer (right)

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

### ✂ Fan/light controls

Dual slide-to-off fan/light control—quiet 3-speed

Single-pole

S2-LFSQ-**XX**<sup>1</sup>

120V 1.5A fan (left)

300W dimmer (right)

Incandescent/halogen

No derating required if ganged.

Dual slide-to-off fan/light control—fully variable

Single-pole

S2-LF-**XX**<sup>1</sup>

120V 2.5A fan (left)

300W dimmer (right)

Incandescent/halogen

Fully variable fan controls are commonly known as solid state fan controls.

### 🔧 Replacement knobs

Standard knob

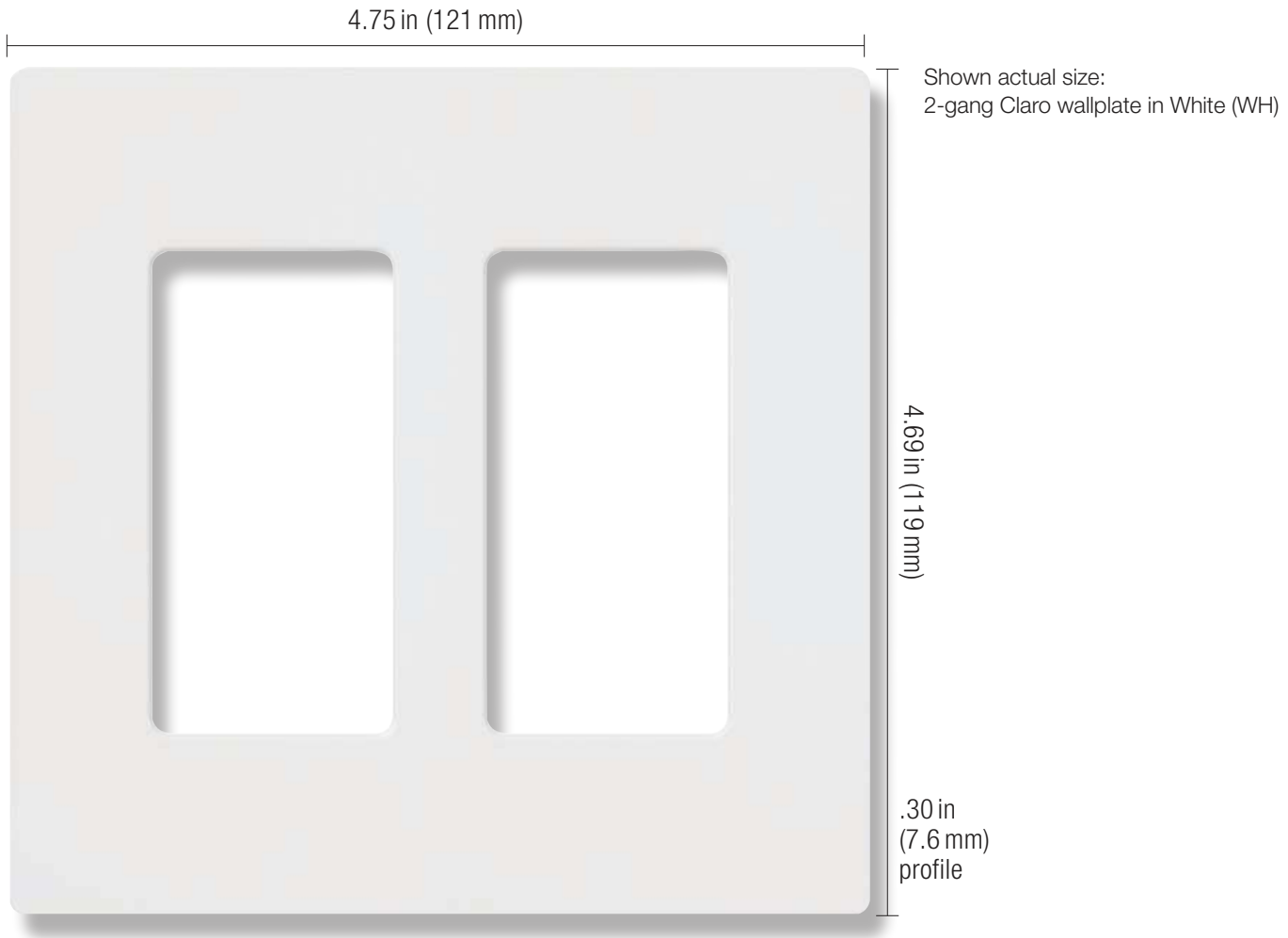
SK-**XX**<sup>2</sup>

Split knobs

Contact Customer Service

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Available in Gloss White, Ivory, Almond, and Light Almond



### Product family features

- Can be used in conjunction with the following dimmer(s), switch(es), sensor(s), and accessories: Caséta Wireless, Diva, Luméa, Maestro, Pico wireless, Skylark, Skylark Contour, Sunnata, Vive Maestro Wireless controls, and Vive accessories
- 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 (DV-BI-) and Satin Finishes (SC-BI-)
- Customize your designer wallplate with engraving; visit [lutron.com/engraving](https://lutron.com/engraving) to get started

### Ganging and derating

- Designer wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing
- May require derating (i.e., reduction of dimmer capacity due to fin removal)

## Available finishes

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

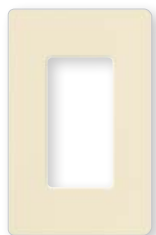
Gloss



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black

Satin Finishes\*\*



**BW**  
Brilliant White



**GL**  
Glacier White



**SW**  
Snow White



**RW**  
Architectural  
White



**LG**  
Lunar Gray



**MI**  
Mist



**PB**  
Pebble



**CS**  
Cobblestone



**SL**  
Slate



**MN**  
Midnight



**BI**  
Biscuit



**SD**  
Sand



**TP**  
Taupe



**PM**  
Pumice

Metal wallplate\*



**CY**  
Clay



**SA**  
Sage



**EP**  
Espresso



**TF**  
Truffle



**DE**  
Deep Sea



**SR**  
Signal Red

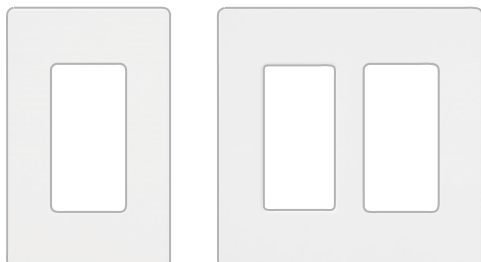


**SS**  
Stainless Steel

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

\*\* Old Satin Colors are available while supplies last. To view, visit [lutron.com/claro](http://lutron.com/claro)

Wallplates for Caséta Wireless, Diva, Luméa, Maestro, Maestro Wireless, Pico wireless, Skylark, Skylark Contour, Sunnata, Vive Maestro Wireless controls, and Vive accessories

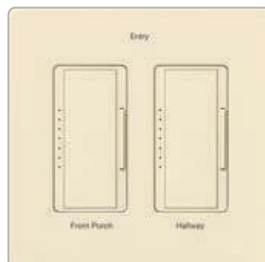


|                        |                              |
|------------------------|------------------------------|
| 1-gang <sup>*,**</sup> | CW-1- <b>XX</b> <sup>1</sup> |
| W: 2.94 in (75 mm)     | SC-1- <b>XX</b> <sup>2</sup> |
| 2-gang <sup>*,**</sup> | CW-2- <b>XX</b> <sup>1</sup> |
| W: 4.75 in (121 mm)    | SC-2- <b>XX</b> <sup>2</sup> |
| 3-gang <sup>*,**</sup> | CW-3- <b>XX</b> <sup>1</sup> |
| W: 6.56 in (167 mm)    | SC-3- <b>XX</b> <sup>2</sup> |
| 4-gang <sup>*,**</sup> | CW-4- <b>XX</b> <sup>1</sup> |
| W: 8.37 in (213 mm)    | SC-4- <b>XX</b> <sup>2</sup> |
| 5-gang <sup>*</sup>    | CW-5- <b>XX</b> <sup>1</sup> |
| W: 10.18 in (259 mm)   | SC-5- <b>XX</b> <sup>2</sup> |
| 6-gang <sup>*</sup>    | CW-6- <b>XX</b> <sup>1</sup> |
| W: 12 in (305 mm)      | SC-6- <b>XX</b> <sup>2</sup> |

## Important note

Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox. For more information consult Lutron Application Note #213, Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box, at [lutron.com/applicationnotes](http://lutron.com/applicationnotes).

**XX**<sup>1</sup>: Gloss and metal color codes  
**XX**<sup>2</sup>: Satin colors codes  
**XX**<sup>3</sup>: Gloss color codes  
**XX**<sup>4</sup>: Available in Snow (SW), Biscuit (BI), Midnight (MN), Taupe (TP), Mist (MI), and Signal Red (SR)



Custom engraving available for all Designer, Traditional, New Architectural, and Architectural style wallplates (except Stainless Steel). For wallplate engraving schedules, go to [lutron.com/engraving](http://lutron.com/engraving).

## Cable jacks



- F-style, 75-Ohm coaxial cable
- Wallplate sold separately

Single cable jack

CA-CJ-**XX**<sup>3</sup>  
 SC-CJ-**XX**<sup>4</sup>

## Telephone jacks



- 6-conductor telephone jack, RJ11
- Wallplate sold separately

Single telephone jack

CA-PJ-**XX**<sup>3</sup>  
 SC-PJ-**XX**<sup>4</sup>

## 6-port frame



- Shipped with six blanks in matching colors
- Connectors sold separately
- Connectors snap in (no tools required)
- Connectors available in White (WH), unless noted

### Field customizable 6-port frame

|              |                                                                  |
|--------------|------------------------------------------------------------------|
| 6-port frame | CA-6PF- <b>XX</b> <sup>1</sup><br>SC-6PF- <b>XX</b> <sup>4</sup> |
|--------------|------------------------------------------------------------------|

## Connectors for 6-port frame



### Telephone/network jacks

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

### Fiber jacks



|                    |                |
|--------------------|----------------|
| MT-RJ feed through | CON-1F-MTRJ-WH |
|--------------------|----------------|



|            |              |
|------------|--------------|
| SC simplex | CON-1F-SC-WH |
|------------|--------------|



|                    |              |
|--------------------|--------------|
| LC non-flush mount | CON-1F-LC-WH |
|--------------------|--------------|



|          |              |
|----------|--------------|
| ST-style | CON-1F-ST-WH |
|----------|--------------|



### Cable jack

|                                  |                                |
|----------------------------------|--------------------------------|
| F-style,<br>75-Ohm coaxial cable | CON-1C- <b>XX</b> <sup>3</sup> |
|----------------------------------|--------------------------------|



### BNC jack

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

Connectors only for use with 6-port frame.

## Receptacles



- Tamper-resistant receptacles include tamper-resistant shutter mechanism (shutters are white)

### Receptacles

|           |                                                                  |
|-----------|------------------------------------------------------------------|
| 15 A 125V | CAR-15- <b>XX</b> <sup>1</sup><br>SCR-15- <b>XX</b> <sup>2</sup> |
| 20 A 125V | SCR-20- <b>XX</b> <sup>2</sup>                                   |

### Tamper-resistant receptacles

|           |                                                                          |
|-----------|--------------------------------------------------------------------------|
| 15 A 125V | CARS-15-TR- <b>XX</b> <sup>1</sup><br>SCRS-15-TR- <b>XX</b> <sup>2</sup> |
| 20 A 125V | SCRS-20-TR- <b>XX</b> <sup>2</sup>                                       |

## USB receptacles



- Includes two USB ports
- Ports are rated for a minimum of 10,000 insertions and removals

### Tamper-resistant USB receptacles

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| 15 A 125V | CAR-15-UBTR- <b>XX</b> <sup>1</sup><br>SCR-15-UBTR- <b>XX</b> <sup>2</sup> |
|-----------|----------------------------------------------------------------------------|

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Satin color codes

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

**XX**<sup>4</sup>: Available in Snow (SW), Biscuit (BI),  
Midnight (MN), Taupe (TP), Mist (MI),  
and Signal Red (SR)

Wallplates not included. Order separately.

## GFCI Receptacles



- Self-testing technology allows GFCI to automatically check proper operation every 30 seconds
- LEDs indicate status of GFCI protection function
- Press reset button to reset GFCI after circuit interruption

### Tamper-resistant, self-testing GFCI receptacles

|                |                                                                            |
|----------------|----------------------------------------------------------------------------|
| 15A 125V, GFCI | CAR-15-GFST- <b>XX</b> <sup>1</sup><br>SCR-15-GFST- <b>XX</b> <sup>2</sup> |
| 20A 125V, GFCI | SCR-20-GFST- <b>XX</b> <sup>2</sup>                                        |

## Receptacles for dimming use



- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plug for dimming table and floor lamps
- Tamper-resistant shutter mechanism

### Dual dimming, tamper-resistant receptacles

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| 15A 120/125V | CAR-15-DDTR- <b>XX</b> <sup>1</sup><br>SCR-15-DDTR- <b>XX</b> <sup>2</sup> |
| 20A 120/125V | CAR-20-DDTR- <b>XX</b> <sup>1</sup><br>SCR-20-DDTR- <b>XX</b> <sup>2</sup> |

## Receptacles for half dimming use



- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plug for dimming table and floor lamps
- Bottom half is a general use receptacle and will fit standard duplex plugs
- Tamper-resistant shutter mechanism

### Half dimming, tamper-resistant receptacles

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| 15A 120/125V | CAR-15-HDTR- <b>XX</b> <sup>1</sup><br>SCR-15-HDTR- <b>XX</b> <sup>2</sup> |
| 20A 120/125V | CAR-20-HDTR- <b>XX</b> <sup>1</sup><br>SCR-20-HDTR- <b>XX</b> <sup>2</sup> |

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Satin color codes

Wallplates not included. Order separately.

## Replacement plug for dimming



- Required to be used with Lutron receptacles for dimming purposes—plug will also work in a standard receptacle
- Easily replaces the existing plugs on lamps

## Replacement dimming plugs

|          |                                   |
|----------|-----------------------------------|
| 120/125V | RP-FDU-10- <b>XX</b> <sup>1</sup> |
|----------|-----------------------------------|

UL/CSA/NOM regulatory approvals.

## Important notes

- Receptacles and plugs for dimming use are UL Listed for use with all Lutron wallbox dimmers included in this catalog.
- If there is only one electrical feed to the receptacle, then the duplex DFUD must be used.
- If the hot and dimmed hot feeds to the split duplex HFUD 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 HFUD.
- For more information on dimming lamps consult Lutron Application Note #109, Guide to Dimming Portable Lamps via Receptacles, at [lutron.com/applicationnotes](http://lutron.com/applicationnotes).

**XX**<sup>1</sup>: Available in White (WH) and Brown (BR)

## Ariadni dimmers and fan controls



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

### Product family features

- Matches existing switches
- Toggle-style switch turns light on to level set by slider
- Slider adjusts light to your favorite level
- LED+ models available
- Coordinating Fassada wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.

### Control types

- Single-pole (1 location)
- 3-way or 4-way (2 or more locations)

### Direct load type compatibility

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

### Load type requiring load interface

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

Lighting load interfaces may be applicable for some additional load type, voltage, and capacity combinations. For additional information, see "Lighting Load Interfaces."

## Available finishes

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

Gloss



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**BR**  
Brown



**BL**  
Black

Metal wallplate\*



**SS**  
Stainless Steel

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adapter, visible from side. Match with separate Black (BL) control.

## Ariadni dimmers and fan controls

### Preset dimmers



- Toggle turns lights on/off
- Slide up to brighten, down to dim
- LED+ dimmers provide reliable dimming of dimmable LEDs/CFLs, as well as halogens and incandescents

### Dimmable LED/CFL (screw-base) dimmer

#### Incandescent/halogen dimmer

##### Preset LED+ dimmer

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

|                                                                                                 |                                   |
|-------------------------------------------------------------------------------------------------|-----------------------------------|
| 3-way/single-pole<br>120V 250W (CFL/LED),<br>600W (Inc)<br>350 W (Hi-lume 1% LED driver, max 8) | AYCL-253P- <b>XX</b> <sup>1</sup> |
|-------------------------------------------------------------------------------------------------|-----------------------------------|

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

#### Incandescent/halogen dimmers

##### Preset dimmers

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

### Incandescent/halogen dimmers

#### Preset dimmers with locator light

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

### Magnetic low-voltage dimmers

#### Preset dimmers

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

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

### 3-wire LED driver/fluorescent ballast dimmers

#### Preset dimmers

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

Adjustable low-end trim.

No derating required if ganged.

**XX**<sup>1</sup>: Gloss color codes

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

Wallplates not included. Order separately.

## Fan control



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

### ✂ Fan control

Fan control—quiet 3-speed

3-way/single-pole

120V 1.5A

AYFSQ-F-**XX**<sup>1</sup>

No derating required if ganged.

## Dual fan/light control

(two loads)



### Fan control (left)

- Use slider to turn fan on/off and adjust fan speed
- 3 quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Designed to prevent motor hum

### Dimmer (right)

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

### ✂ Dual fan/light control

Fan/light control—quiet 3-speed

Single-pole

AY2-LFSQ-**XX**<sup>1</sup>

120V 1.5A fan (left)

120V 300W dimmer (right)

Incandescent/halogen

No derating required if ganged.

**XX**<sup>1</sup>: Gloss color codes

Wallplates not included. Order separately.

## Dalia dimmers



### Product family features

- SoftGlow locator light easily identifiable in the dark
- LED+ advanced technology for superior dimming of LED, halogen and incandescent bulbs
- Coordinating Fassada wallplates available separately
- Visit [lutron.com/dalia](http://lutron.com/dalia) to learn more.

### Direct load type compatibility

Dimmable LED/CFL lighting (screw-base)

Incandescent/halogen lighting

Lighting load interfaces are not compatible with this family.

### Control types

Single-pole (1 location)

3-way or 4-way (2 or more locations)

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

### Available finishes

Use **BOLD** color code in model number (Example: RCL-153PNL-**LA**)

Gloss



**WH**  
White



**LA**  
Light Almond



**IV**  
Ivory



**BL**  
Black



**SS**  
Stainless Steel

Metal wallplate\*

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

Dimmers



- SoftGlow locator light provides a smooth halo around the knob when the dimmer is turned off
- LED+ technology provides superior dimming of LED, incandescent and halogen bulbs
- Easily turn the knob to adjust the light level
- Push to turn on/off
- Works with existing wiring; no neutral required



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

**LED+ dimmer**

3-way/ single-pole RCL-153PNL-**XX**<sup>1</sup>  
120V 150W (LED/CFL), 600W (Inc)

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

⦿ **Replacement knob kit**

Standard knob RCL-RK-**XX**<sup>1</sup>

**XX**<sup>1</sup>: Gloss colors code  
Wallplates not included. Order separately.

## Rotary dimmers and fan controls



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

### Product family features

- The original electronic dimmer—first patented in 1959
- Easy-turn knob adjusts light to your favorite level
- Dual knob dimmer packages available with two finish options
- Coordinating Fassada wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.

### Control types

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

### Direct load type compatibility

- 💡 Incandescent/halogen lighting
- ✂ Ceiling fans

Lighting load interfaces are not compatible with this family.

### Available finishes

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

Gloss



**WH**  
White



**IV**  
Ivory

## Preset Dimmers



- Push to turn on/off, rotate to adjust light level

## Fan controls with rotate on/off knob



- Rotate on/off; rotate to adjust fan speed
- Quiet 3-speed designed to prevent motor hum (for use with only one ceiling paddle fan)
- Fully variable models also available (for use with multiple ceiling paddle or exhaust fans)

### Incandescent/halogen dimmer

#### Dimmers with push on/off knob

|                          |                    |
|--------------------------|--------------------|
| Single-pole<br>120V 600W | D-600PH- <b>DK</b> |
|--------------------------|--------------------|

|                    |                    |
|--------------------|--------------------|
| 3-way<br>120V 600W | D-603PH- <b>DK</b> |
|--------------------|--------------------|

#### Dimmers with push on/off knob and locator light

|                          |                      |
|--------------------------|----------------------|
| Single-pole<br>120V 600W | DNG-600PH- <b>DK</b> |
|--------------------------|----------------------|

|                    |                      |
|--------------------|----------------------|
| 3-way<br>120V 600W | DNG-603PH- <b>DK</b> |
|--------------------|----------------------|

### Fan controls

#### Fan control with rotate on/off knob— quiet 3-speed

FSQ-2F-**DK**

Single-pole  
120V 1.5A

No derating required if ganged.

#### Fan controls with rotate on/off knob— fully variable

FS-5FH-**DK**

Single-pole  
factory set minimum speed  
120V 5A

User adjustable minimum speed control provides an additional wire for switching fan light (360W, incandescent/halogen). Light turns on when fan is on, and off when fan is off.

Fully variable fan controls are commonly known as solid state fan controls.

### Replacement knobs

|               |                            |
|---------------|----------------------------|
| Standard knob | RK- <b>XX</b> <sup>1</sup> |
|---------------|----------------------------|

**DK:** Dual Knob includes one Gloss White and one Gloss Ivory knob  
**XX**<sup>1</sup>: Gloss color codes  
Wallplates not included. Order separately.

## Fassada wallplates



### Product family features

- Can be used in conjunction with the following dimmer(s) and switch(es): Ariadni and Rotary
- All Lutron wallplates are screwless, seamless, and have no visible hardware
- Custom engraving available for wallplates. Visit [lutron.com/engraving](https://lutron.com/engraving) for more information.

### Ganging and derating

- Traditional wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing
- May require derating (i.e., reduction of dimmer capacity due to fin removal)

### Available finishes

Use **BOLD** color code in model number (Example: FG-1-**AL**)

Gloss



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**BL**  
Black



**SS**  
Stainless Steel

Metal Wallplate\*

## Wallplates for Ariadni, Dalia, and Rotary



|                     |                              |
|---------------------|------------------------------|
| 1-gang              | FG-1- <b>XX</b> <sup>1</sup> |
| W: 2.86 in (73 mm)  | FW-1-SS*                     |
| 2-gang              | FG-2- <b>XX</b> <sup>1</sup> |
| W: 4.67 in (119 mm) | FW-2-SS*                     |
| 3-gang              | FG-3- <b>XX</b> <sup>1</sup> |
| W: 6.48 in (165 mm) | FW-3-SS*                     |



Custom engraving available for all Designer, Traditional, New Architectural, and Architectural style wallplates (except Stainless Steel). For wallplate engraving schedules, go to [lutron.com/engraving](http://lutron.com/engraving).



Rotate the wallplate for small/large or large/small opening applications.

|                                                               |                                 |
|---------------------------------------------------------------|---------------------------------|
| 2-gang, with one traditional opening and one designer opening | FG-2-TD- <b>XX</b> <sup>1</sup> |
| W: 4.67 in (119 mm)                                           | FW-2-TD-SS*                     |

## Important notes

Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox. For more information consult Lutron Application Note #213, Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box, at [lutron.com/applicationnotes](http://lutron.com/applicationnotes).

Controls must have heat-sink fins broken for multi-gang installations.

Multi-gang dimmer installations may require derating.

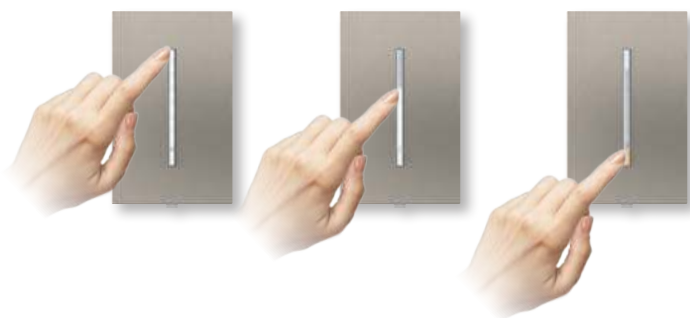
**XX**<sup>1</sup>: Gloss color codes

\* Stainless Steel metal wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

## GRAFIK T dimmers and switches



Shown actual size: GRAFIK T dimmer with a 1-gang New Architectural wallplate in Satin Nickel (SN).



### Control types

- Single-pole (1 location)
- Multi-location (up to 5 locations)
- Wireless multi-location (up to 10 locations)

### Product family features

- Easy-to-use touch control is responsive to the lightest touch and slightest motion
- Intuitive one-touch operation sets the lights exactly where you need them
- Modern architectural design adds distinct style to any space
- Illuminated LED lightbar with softly lit white LEDs indicates the light level
- True multi-location dimming from any location
- LED+ and phase selectable models available
- Models available with or without RF wireless technology
- RF models use Lutron Clear Connect radio frequency (RF) technology, which provides reliable RF communication with Pico wireless remotes and Radio Powr Savr wireless sensors
- Combine up to 10 RF wireless devices (dimmers, switches, sensors and/or wireless remotes)
- RF models communicate at 434 MHz frequency
- Controls come with 1-gang white wallplate; wallplates in additional colors and finishes are available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.

### Direct load type compatibility

- Dimmable LED lighting (screw-base)
- Incandescent/halogen lighting
- Magnetic low-voltage lighting
- Electronic low-voltage lighting
- LED lighting
- Fluorescent lighting
- Switched lighting/fan/motor

### Load type requiring load interface

- Neon/cold cathode

Lighting load interfaces may be required for some load types and capacity combinations. For additional information see "Lighting Load Interfaces."

## Available finishes

### Architectural matte



**WH**  
White

### Architectural matte wallplates\*



**LA**  
Light Almond



**AL**  
Almond



**BE**  
Beige



**IV**  
Ivory



**TP**  
Taupe



**GR**  
Gray



**SI**  
Sienna



**BR**  
Brown



**BL**  
Black

### Architectural metal wallplates\*



**BN**  
Bright Nickel



**BC**  
Bright Chrome



**SC**  
Satin Chrome



**SN**  
Satin Nickel



**QZ**  
Antique Bronze



**BB**  
Bright Brass



**SB**  
Satin Brass



**QB**  
Antique Brass

### Architectural glass wallplates\*



**CWH**  
Clear White  
Glass



**CBL**  
Clear Black  
Glass

\* GRAFIK T dimmers, switches, and companion devices sold in White (WH) only. Additional Architectural matte, metal, and glass wallplates are only sold separately.

## Touch dimmers



- Touch LED light bar to adjust lights to desired light level
- Tap toggle button to turn lights off or turn on to previous light level
- Offers delayed fade to off

### Dimmable LED (screw-base) dimmer

### Incandescent/halogen dimmer

150W touch LED+ dimmer

|                             |             |
|-----------------------------|-------------|
| Single-pole                 | GT-150-WH   |
| 120V 150W (LED), 600W (Inc) | GTJ-150-WH* |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

### Dimmable LED (screw-base) dimmer

### Incandescent/halogen dimmer

### Magnetic low-voltage dimmer

### Hi-lume 1% 2-wire LED driver dimmer

### Tu-Wire fluorescent ballast dimmer

250W touch LED+ dimmer\*\*

|                                        |              |
|----------------------------------------|--------------|
| Multi-location/single-pole             | GT-250M-WH   |
| 120V 250W (LED), 600W (Inc),           | GTJ-250M-WH* |
| 400VA/300W (MLV),                      |              |
| 400W (Hi-lume 1% LED driver, max. 10), |              |
| 3.3A (Tu-Wire fluorescent ballast)     |              |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

### Dimmable LED (screw-base) dimmer

### Incandescent/halogen dimmer

### Magnetic low-voltage dimmer

### Electronic low-voltage dimmer

### Hi-lume 1% 2-wire LED driver dimmer

### Tu-Wire fluorescent ballast dimmer

Phase selectable touch dimmer†

|                                        |              |
|----------------------------------------|--------------|
| Multi-location/single-pole             | GT-5NEM-WH   |
| 120V 250W (LED), 500W (Inc),           | GTJ-5NEM-WH* |
| 400VA/300W (MLV),                      |              |
| 500W (ELV),                            |              |
| 400W (Hi-lume 1% LED driver, max. 10), |              |
| 3.3A (Tu-Wire fluorescent ballast)     |              |

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

\* Includes Clear Connect RF Technology

\*\* **Neutral wire connection available, not required** (required for fluorescent ballast and interfaces)

† Phase selectable touch dimmer

Touch electronic switch



- Touch LED light bar anywhere to toggle load on/off
- Tap toggle button to turn lights on or off
- Toggle button is white when on, orange when off

Companion device



- For use with multi-location dimmers and switches (same model), both non-RF and RF models
- When utilized with dimmers provides true dimming from every location

 **Switch**

Touch electronic switch\*\*

|                                |                     |
|--------------------------------|---------------------|
| Multi-location/single-pole     | GT-5ANSM- <b>WH</b> |
| 120V 5A light, 3A fan (1/10HP) | GTJ-5ANSM-WH*       |

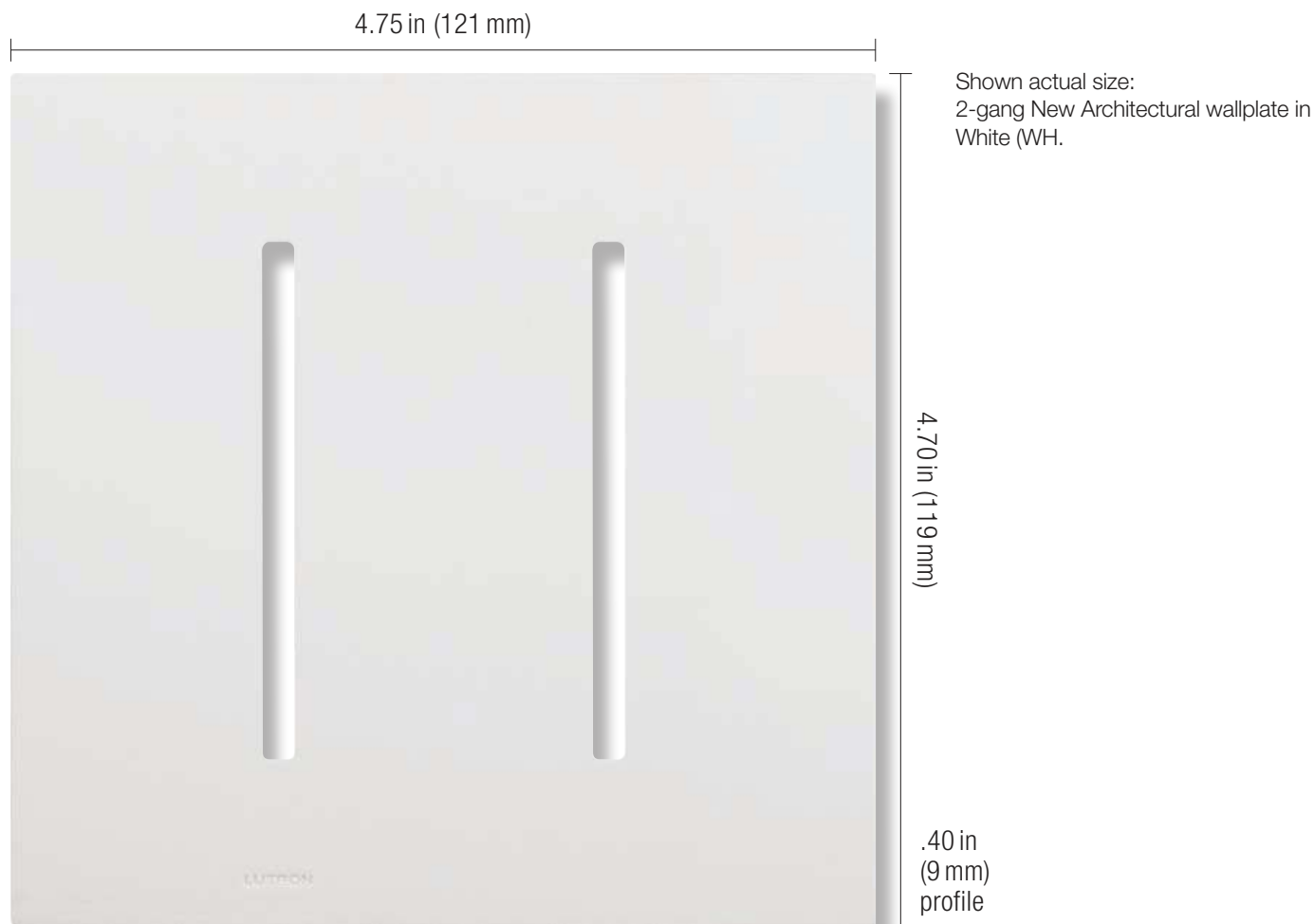
**Companion control**

Companion device

|                         |                  |
|-------------------------|------------------|
| Companion dimmer/switch | GT-AD- <b>WH</b> |
| 120V                    |                  |

\* Includes Clear Connect RF Technology  
\*\* **Requires neutral wire connection**

## New Architectural wallplates and accessories



### Product family features

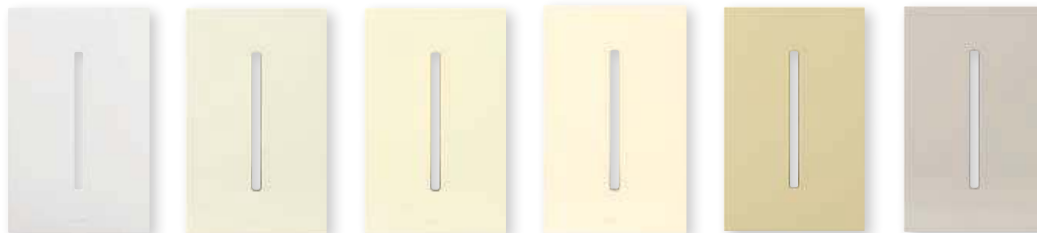
- Can be used in conjunction with the following dimmer(s), switch(es), and accessories: GRAFIK T controls and New Architectural accessories
- All Lutron wallplates are screwless, seamless, and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- New Architectural wallplates are aesthetically matched with New Architectural accessories to complete the look of any room
- Matte finish wallplates can be custom colored to perfectly match a paint color number, swatch, or sample; contact Customer Service at 1.888.LUTRON1 for more information
- Custom engraving available for wallplates. Visit [lutron.com/engraving](https://lutron.com/engraving) for more information.

### Ganging and derating

- New Architectural wallplates use standard ganging
- May require derating (i.e., reduction of dimmer capacity due to fin removal)

## Available finishes

### Architectural matte



**WH**  
White

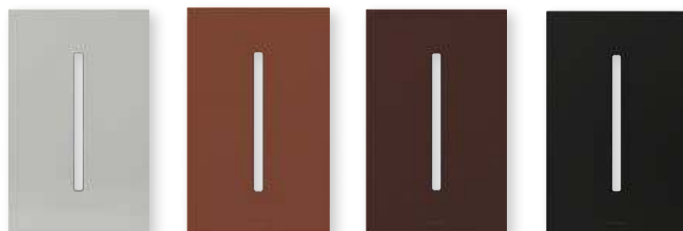
**LA**  
Light Almond

**AL**  
Almond

**BE**  
Beige

**IV**  
Ivory

**TP**  
Taupe



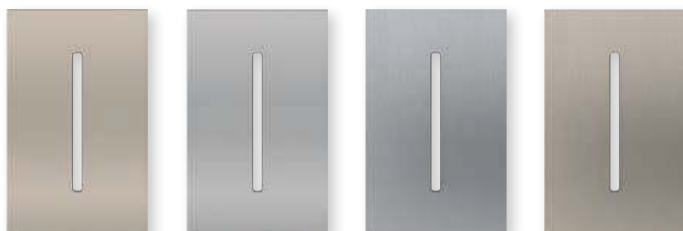
**GR**  
Gray

**SI**  
Sienna

**BR**  
Brown

**BL**  
Black

### Architectural metal

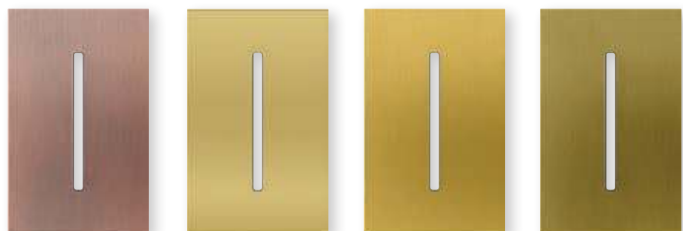


**BN**  
Bright Nickel

**BC**  
Bright Chrome

**SC**  
Satin Chrome

**SN**  
Satin Nickel



**QZ**  
Antique Bronze

**BB**  
Bright Brass

**SB**  
Satin Brass

**QB**  
Antique Brass

### Architectural glass

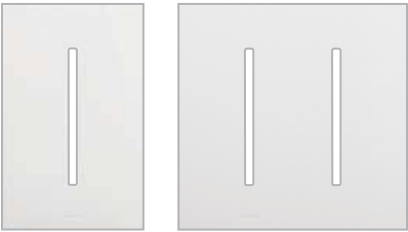


**CWH**  
Clear White  
Glass

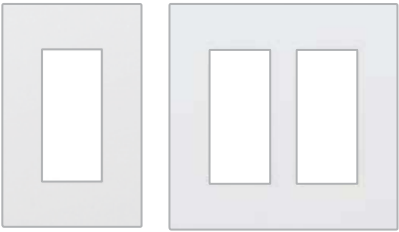
**CBL**  
Clear Black  
Glass

New Architectural wallplates and accessories

Wallplates for GRAFIK T controls and New Architectural accessories



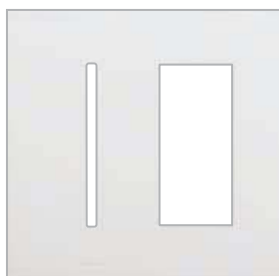
|                                          |                                                                       |
|------------------------------------------|-----------------------------------------------------------------------|
| 1-gang, for one dimmer or switch         | LWT-G- <b>XX</b> <sup>1</sup><br>LWT-G- <b>XXX</b> <sup>2</sup>       |
| W: 2.90in (75 mm)                        |                                                                       |
| 2-gang, for two dimmers<br>or switches   | LWT-GG- <b>XX</b> <sup>1</sup><br>LWT-GG- <b>XXX</b> <sup>2</sup>     |
| W: 4.75in (121 mm)                       |                                                                       |
| 3-gang, for three dimmers<br>or switches | LWT-GGG- <b>XX</b> <sup>1</sup><br>LWT-GGG- <b>XXX</b> <sup>2</sup>   |
| W: 6.60in (167 mm)                       |                                                                       |
| 4-gang, for four dimmers<br>or switches  | LWT-GGGG- <b>XX</b> <sup>1</sup><br>LWT-GGGG- <b>XXX</b> <sup>2</sup> |
| W: 8.40in (213 mm)                       |                                                                       |



|                               |                                                                           |
|-------------------------------|---------------------------------------------------------------------------|
| 1-gang, for one accessory     | LWT-U-P- <b>XX</b> <sup>1</sup><br>LWT-U-P- <b>XXX</b> <sup>2</sup>       |
| W: 2.90in (75 mm)             |                                                                           |
| 2-gang, for two accessories   | LWT-U-PP- <b>XX</b> <sup>1</sup><br>LWT-U-PP- <b>XXX</b> <sup>2</sup>     |
| W: 4.75in (121 mm)            |                                                                           |
| 3-gang, for three accessories | LWT-U-PPP- <b>XX</b> <sup>1</sup><br>LWT-U-PPP- <b>XXX</b> <sup>2</sup>   |
| W: 6.60in (167 mm)            |                                                                           |
| 4-gang, for four accessories  | LWT-U-PPPP- <b>XX</b> <sup>1</sup><br>LWT-U-PPPP- <b>XXX</b> <sup>2</sup> |
| W: 8.40in (213 mm)            |                                                                           |

**XX**<sup>1</sup>: Architectural matte and metal color codes  
**XXX**<sup>2</sup> Architectural glass color code

Multi-gang dimmer installations may require derating.



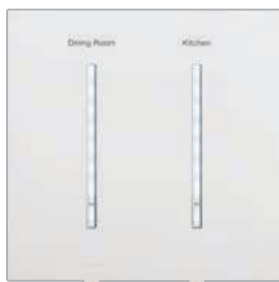
2-gang, for one dimmer or switch and one accessory LWT-GT-**XX**<sup>1</sup>  
LWT-GT-**XXX**<sup>2</sup>  
2-gang, for one accessory and one dimmer or switch LWT-TG-**XX**<sup>1</sup>  
LWT-TG-**XXX**<sup>2</sup>

W: 4.75 in (121 mm)

Contact Customer Service at 1.888.LUTRON1 to inquire about additional configurations.

## Important notes

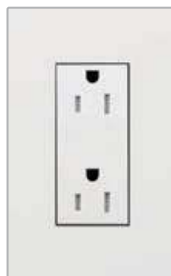
Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox. For more information consult Lutron Application Note #213, Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box, at [lutron.com/applicationnotes](http://lutron.com/applicationnotes).



Custom engraving available for all Designer, Traditional, New Architectural, and Architectural style wallplates (except Stainless Steel). For wallplate engraving schedules, go to [lutron.com/engraving](http://lutron.com/engraving).

**XX**<sup>1</sup>: Architectural matte and metal color codes  
**XXX**<sup>2</sup>: Architectural glass color codes  
**XX**<sup>3</sup>: Architectural matte, metal, and glass color codes (1-gang wallplate included)

## Receptacles



- Available with or without 1-gang wallplate<sup>\*,\*\*</sup>

### Tamper-resistant receptacles with wallplate

|          |                                    |
|----------|------------------------------------|
| 15A 125V | LTR-F15-TR- <b>XX</b> <sup>3</sup> |
| 20A 125V | LTR-F20-TR- <b>XX</b> <sup>3</sup> |

### Tamper-resistant receptacles without wallplate

|          |                                   |
|----------|-----------------------------------|
| 15A 125V | LTR-15-TR- <b>XX</b> <sup>1</sup> |
| 20A 125V | LTR-20-TR- <b>XX</b> <sup>1</sup> |

## USB receptacles



- Includes two USB ports
- Ports are rated for a minimum of 10,000 insertions and removals
- Available with or without 1-gang wallplate<sup>\*,\*\*</sup>

### Tamper-resistant USB receptacle with wallplate

|          |                                      |
|----------|--------------------------------------|
| 15A 125V | LTR-F15-UBTR- <b>XX</b> <sup>3</sup> |
|----------|--------------------------------------|

### Tamper-resistant USB receptacle without wallplate

|          |                                     |
|----------|-------------------------------------|
| 15A 125V | LTR-15-UBTR- <b>XX</b> <sup>1</sup> |
|----------|-------------------------------------|

\* Matte and glass finishes are available with or without a wallplate. When glass finish is ordered with a wallplate, the receptacle will be Gloss White.

\*\* Metal finishes are only available with a wallplate. When metal finish is ordered, the receptacle will be Matte Black.

## Nova T☆ dimmers, switches, and fan controls



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

### Product family features

- Full family of controls plus matching fan controls, switches, and wiring devices
- Exclusive dimmer/switch size opening
- Slide adjusts light to suit any activity
- Classic slider, thin profile design
- Voltage compensation maintains stable light levels, despite line voltage variations
- LED+ model available
- Coordinating wallplate included with Architectural matte finish controls; metal wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.
- Select Nova and Centurion models available. Contact Customer Service for more information.

### Control types

- Single-pole (1 location)
- 3-way or 4-way (2 or more locations)

### Direct load type compatibility

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

### Load types requiring load interface

- Neon/cold cathode lighting

Lighting load interfaces may be applicable for some additional load type, voltage, and capacity combinations. For additional information see "Lighting Load Interfaces."

## Available finishes

Use **BOLD** color code in model number (Example: NTCL-250-**SI**)

Architectural matte



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**BE**  
Beige



**IV**  
Ivory



**TP**  
Taupe



**GR**  
Gray



**SI**  
Sienna



**BR**  
Brown



**BL**  
Black

Architectural metal wallplates\*



**BN**  
Bright Nickel



**BC**  
Bright Chrome



**CLA**  
Clear Anodized  
Aluminum



**SC**  
Satin Chrome



**SN**  
Satin Nickel



**QZ**  
Antique Bronze



**AU**  
Gold Plated



**BB**  
Bright Brass



**BRA**  
Brass Anodized  
Aluminum



**SB**  
Satin Brass



**QB**  
Antique Brass



**BLA**  
Black Anodized  
Aluminum

\* Metal wallplates only available separately and include black plastic trim/adaptor, visible from side. Match with separate Black (BL) controls.

## Dimmers



- Slide up to brighten, down to dim
- Loads from 1000-2000W require large controls
- LED+ dimmer provides reliable dimming of dimmable LEDs/CFLs, as well as halogens and incandescents
- Large controls measure 4.56 x 4.56
- On preset models, button turns on/off to slider level

- Dimmable LED/CFL (screw-base) dimmer**
- Incandescent/halogen dimmer**
- Hi-lume 1% 2-wire LED driver dimmer**

### 250W slide-to-off LED+ dimmer

Single-pole NTCL-250-**XX**<sup>1</sup>  
120V 250W (LED/CFL),  
1000W (Inc),  
400W (Hi-lume 1% LED driver, max 10)

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

- Dimmable LED/CFL (screw-base) dimmer**
- Incandescent/halogen dimmer**
- Electronic low-voltage dimmer**

### Reverse-phase slide-to-off dimmer

Single-pole NTRP-250-**XX**<sup>1</sup>  
120V 250W (LED/CFL),  
600W (Inc), 600 (ELV)

When dimming LEDs/CFLs, only bulbs marked or rated as dimmable with reverse-phase may be used.

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

No low-end trim.

- Incandescent/halogen dimmers**

### Slide-to-off dimmers

Single-pole NT-600-**XX**<sup>1</sup>  
120V 600W  
Single-pole NT-1000-**XX**<sup>1</sup>  
120V 1000W  
Single-pole NT-1500-**XX**<sup>1\*</sup>  
120V 1500W  
Single-pole NT-2000-**XX**<sup>1\*</sup>  
120V 1000W

NT-2000 dimmers must be ganged with no fins broken and require a 2-gang box.

**XX**<sup>1</sup>: Architectural matte color codes  
(1-gang wallplate included)

\* Large control

## Magnetic low-voltage dimmers

### Slide-to-off dimmers

|                        |                                       |
|------------------------|---------------------------------------|
| Single-pole            | NTLV-600- <b>XX</b> <sup>1</sup>      |
| 120 V 600 VA (450 W)   |                                       |
| Single-pole            | NTLV-1000- <b>XX</b> <sup>1</sup>     |
| 120 V 1000 VA (800 W)  |                                       |
| Single-pole**          | NTLV-600-277- <b>XX</b> <sup>1</sup>  |
| 277 V 600 VA (450 W)   |                                       |
| Single-pole**          | NTLV-1000-277- <b>XX</b> <sup>1</sup> |
| 277 V 1000 VA (800 W)  |                                       |
| Single-pole            | NTLV-1500- <b>XX</b> <sup>1*</sup>    |
| 120 V 1500 VA (1200 W) |                                       |

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

## Magnetic low-voltage dimmers

### Preset dimmers

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

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

## Electronic low-voltage dimmers

### Slide-to-off dimmers\*\*

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

## 3-wire LED driver/fluorescent ballast dimmers

### Slide-to-off dimmers

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

### Preset dimmers

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

Adjustable low-end trim.

No derating required if ganged.

## 0-10V LED/fluorescent fixture dimmer

(current sink control)

### Slide-to-off dimmer

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Single-pole                         | NTSTV-DV- <b>XX</b> <sup>1</sup> |
| 120/277 V 30 mA max control current |                                  |

No power pack required.

Compatible with any IEC 60929 Annex E compliant driver or ballast.

No derating required if ganged.

## Tu-Wire fluorescent ballast dimmers

### Slide-to-off dimmers

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

**XX**<sup>1</sup>: Architectural matte color codes  
(1-gang wallplate included)

\* Large control

\*\* Requires neutral wire connection

Linear-slide  
mechanical switches

(small controls)



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

Slide-to-off fan controls

(small controls)



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

General purpose switches

Linear-slide mechanical switches

|                                 |                                |
|---------------------------------|--------------------------------|
| Single-pole                     | NT-1PS- <b>XX</b> <sup>1</sup> |
| 120/277V 20A                    |                                |
| 3-way                           | NT-3PS- <b>XX</b> <sup>1</sup> |
| 120/277V 20A                    |                                |
| 4-way                           | NT-4PS- <b>XX</b> <sup>1</sup> |
| 120/277V 20A                    |                                |
| No derating required if ganged. |                                |

Fan controls

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

|                                    |                               |
|------------------------------------|-------------------------------|
| Single-pole                        | NTFSQ- <b>XX</b> <sup>1</sup> |
| 120V 1.5A                          |                               |
| For use with only one ceiling fan. |                               |
| No derating required if ganged.    |                               |

Slide-to-off fan control — fully variable

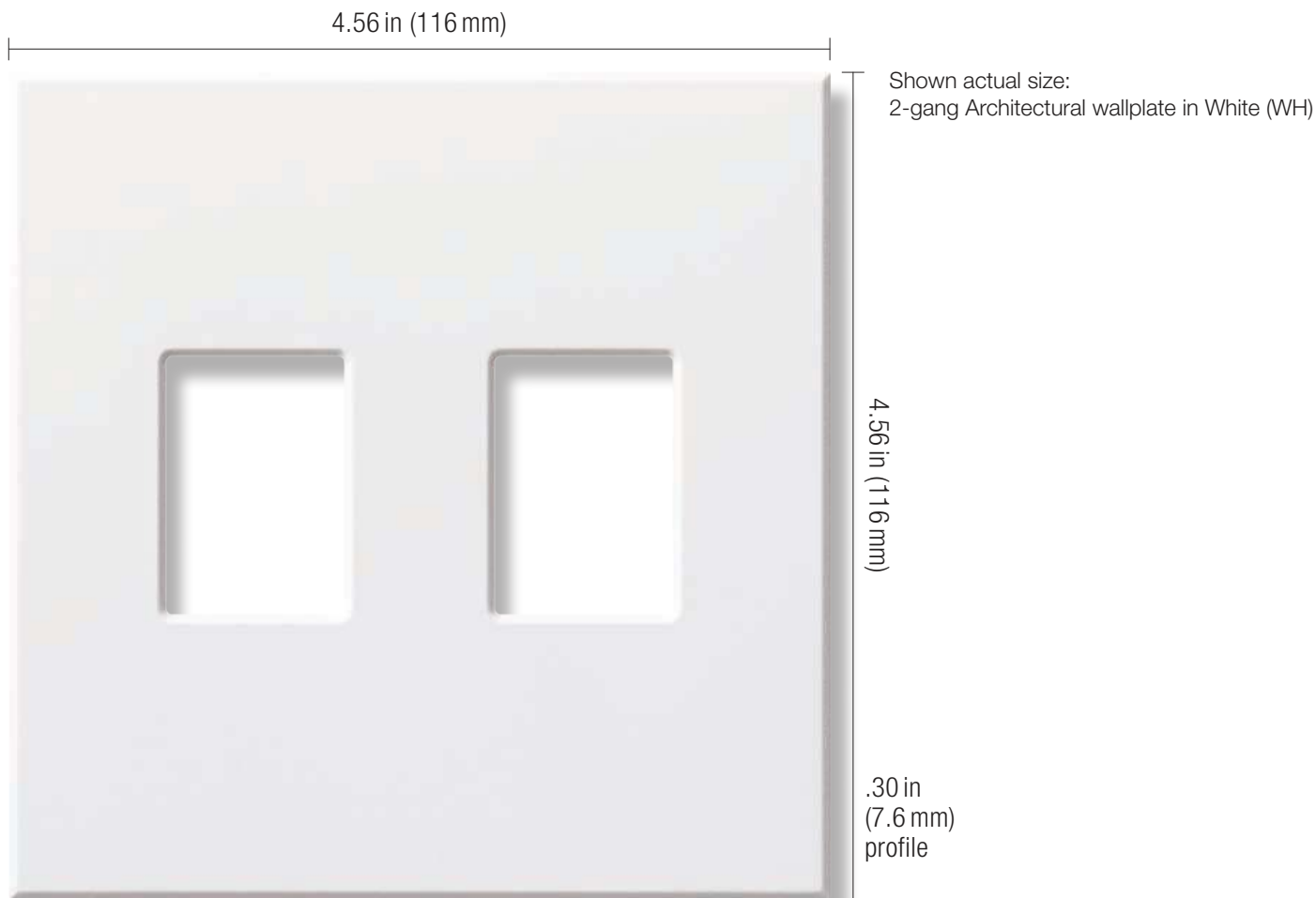
|             |                                   |
|-------------|-----------------------------------|
| Single-pole | NTFS-6E- <b>XX</b> <sup>1</sup>   |
| 120V 6A     |                                   |
| Single-pole | NTFS-12E- <b>XX</b> <sup>1*</sup> |
| 120V 12A    |                                   |

6A model provides an additional wire for switching fan light (360W, incandescent/halogen). Light turns on when fan is on, and off when fan is off. Fully variable fan controls are commonly known as solid state fan controls.

**XX**<sup>1</sup>: Architectural matte color codes (1-gang wallplate included)

\* Large control





### Product family features

- Can be used in conjunction with Nova T☆ dimmer and switch, and Architectural accessories
- Metal and glass finish wallplates with accessory openings can also be used with Designer wallplate opening controls and Designer accessories
- All Lutron wallplates are screwless, seamless, and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- Blank inserts available for accessory size opening (NT-BI-)
- Matte finish wallplates can be custom colored to perfectly match a paint color number, swatch or sample; contact Customer Service at 1.888.LUTRON1 for more information
- Customize your Architectural wallplate with engraving or by adding a corporate logo; visit [lutron.com/engraving](https://lutron.com/engraving) to get started

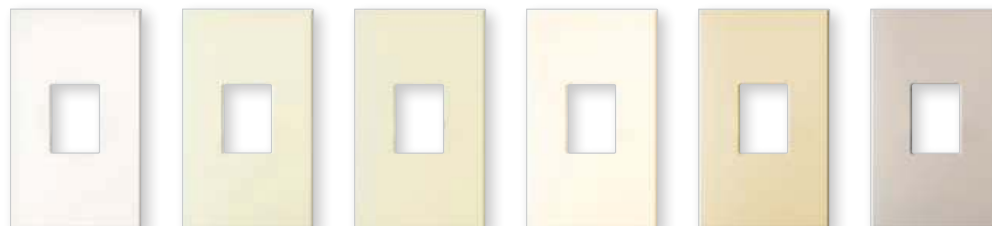
### Ganging and derating

- Architectural wallplates in this section use standard ganging
  - Requires fins to be removed from dimmers for proper spacing
  - May require derating (i.e., reduction of dimmer capacity due to fin removal)
  - Custom multi-gang wallplates required for the following cases
    - Full-capacity ganging ("No Fins Broken")
    - Large Nova T☆ controls (1500/2000 W)
    - Nova controls
    - Color change applications
- For more information visit [lutron.com/customganging](https://lutron.com/customganging).

## Available finishes

Use **BOLD** color code in model number (Example: VWP-2-**SI**)

Architectural matte



**WH**  
White

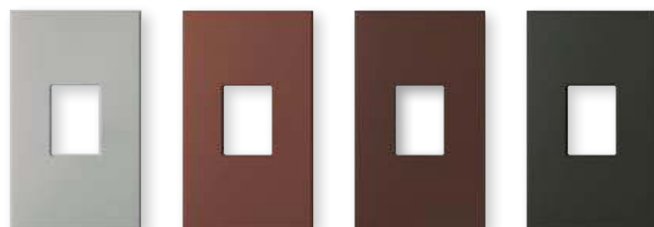
**LA**  
Light Almond

**AL**  
Almond

**BE**  
Beige

**IV**  
Ivory

**TP**  
Taupe



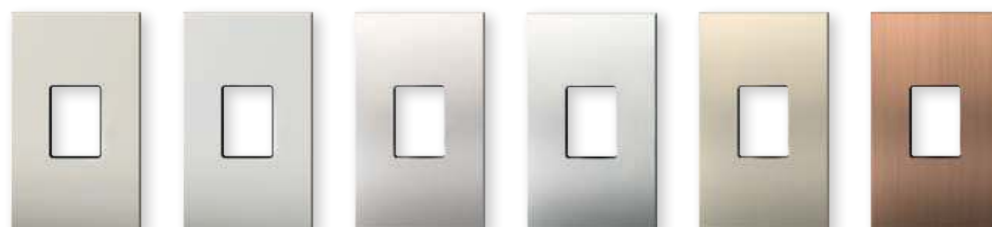
**GR**  
Gray

**SI**  
Sienna

**BR**  
Brown

**BL**  
Black

Architectural metal\*



**BN**  
Bright Nickel

**BC**  
Bright Chrome

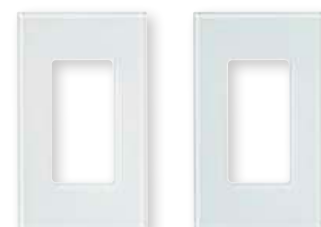
**CLA**  
Clear Anodized  
Aluminum

**SC**  
Satin Chrome

**SN**  
Satin Nickel

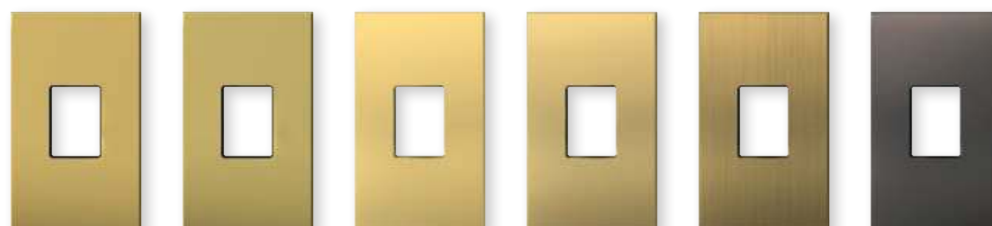
**QZ**  
Antique Bronze

Architectural glass\*\*



**CWH**  
Clear Glass

**GWH**  
Green Glass



**AU**  
Gold Plated

**BB**  
Bright Brass

**BRA**  
Brass Anodized  
Aluminum

**SB**  
Satin Brass

**QB**  
Antique Brass

**BLA**  
Black Anodized  
Aluminum

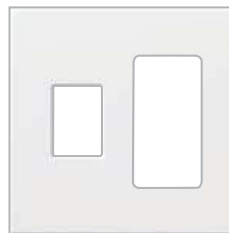
\* Metal wallplates include black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

\*\* Glass wallplates include white plastic trim/adaptor, visible from side. Match with separate White (WH) or Snow (SW) controls.

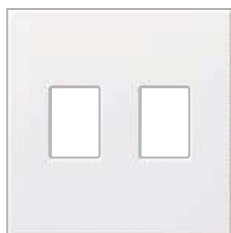
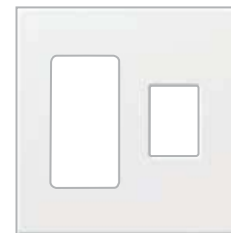
## Wallplates for Nova T☆ controls and Architectural accessories



|                               |                                 |
|-------------------------------|---------------------------------|
| 1-gang for one accessory*     | LFGR-1- <b>XXX</b> <sup>2</sup> |
| W: 2.75in (70mm)              |                                 |
| 2-gang for two accessories*   | VWP-2R- <b>XX</b> <sup>1</sup>  |
| W: 4.56in (116mm)             | LFGR-2- <b>XXX</b> <sup>2</sup> |
| 3-gang for three accessories* | LFGR-3- <b>XXX</b> <sup>2</sup> |
| W: 6.44in (164mm)             |                                 |



|                                                    |                                 |
|----------------------------------------------------|---------------------------------|
| 2-gang, for one dimmer or switch and one accessory | VWP-2CR- <b>XX</b> <sup>1</sup> |
| 2-gang, for one accessory and one dimmer or switch | VWP-2RC- <b>XX</b> <sup>1</sup> |
| W: 4.56 in (116 mm)                                |                                 |



|                                       |                               |
|---------------------------------------|-------------------------------|
| 2-gang, for two dimmers or switches   | VWP-2- <b>XX</b> <sup>1</sup> |
| W: 4.56in (116mm)                     |                               |
| 3-gang, for three dimmers or switches | VWP-3- <b>XX</b> <sup>1</sup> |
| 6.32in (161mm)                        |                               |
| 4-gang, for four dimmers or switches  | VWP-4- <b>XX</b> <sup>1</sup> |
| W: 8.45in (215mm))                    |                               |

### Important notes

Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox. For more information consult Lutron Application Note #213, Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box, at [lutron.com/applicationnotes](http://lutron.com/applicationnotes).

**XX**<sup>1</sup>: Architectural matte color codes  
**XXX**<sup>2</sup>: Architectural glass color codes

For metal finishes visit  
[lutron.com/customganging](http://lutron.com/customganging) for more information.

Multi-gang dimmer installations may require derating.

\* Glass wallplates include white plastic trim/adaptor, visible from side. Match with separate White (WH) or Snow (SW) controls.

## Cable jack



- F-style, 75-Ohm coaxial cable
- Includes 1-gang wallplate

Single cable jack\*

NT-CJ-**XX**<sup>1</sup>

## Telephone jack



- 6-conductor jack, RJ11
- Includes 1-gang wallplate

Single telephone jack\*

NT-PJ-**XX**<sup>1</sup>

## 6-port frame



- Shipped with six blanks in matching colors
- Connectors sold separately
- Connectors snap in (no tools required)
- Includes 1-gang wallplate
- Connectors available in White (WH) unless noted

## Field customizable 6-port frame

6-port frame\*

NT-6PF-**XX**<sup>1</sup>

## Connectors for 6-port frame



### Telephone/network jacks

|                               |                                    |
|-------------------------------|------------------------------------|
| 8-conductor, RJ45 category 5e | CON-1P-C5E- <b>XX</b> <sup>2</sup> |
| 8-conductor, RJ45 category 6  | CON-1P-C6- <b>XX</b> <sup>2</sup>  |

### Fiber jacks



MT-RJ feed through CON-1F-MTRJ-WH



SC simplex CON-1F-SC-WH



LC non-flush mount CON-1F-LC-WH



ST-style CON-1F-ST-WH



### Cable jack

|                               |                                |
|-------------------------------|--------------------------------|
| F-style, 75-Ohm coaxial cable | CON-1C- <b>XX</b> <sup>2</sup> |
|-------------------------------|--------------------------------|



### BNC jack

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

Connectors only for use with 6-port frame.

**XX**<sup>1</sup>: Architectural matte color codes (1-gang wallplate included)  
**XX**<sup>2</sup>: Available in White (WH) and Black (BL)

\* Metal and glass finishes are only available as separate wallplates.

Receptacles



- Includes 1-gang wallplate

Receptacles

|          |                                |
|----------|--------------------------------|
| 15A 125V | NTR-15- <b>XX</b> <sup>1</sup> |
| 20A 125V | NTR-20- <b>XX</b> <sup>1</sup> |

Tamper-resistant receptacles\*

|          |                                   |
|----------|-----------------------------------|
| 15A 125V | NTR-15-TR- <b>XX</b> <sup>1</sup> |
| 20A 125V | NTR-20-TR- <b>XX</b> <sup>1</sup> |

USB receptacles



- Includes two USB ports
- Ports are rated for a minimum of 10,000 insertions and removals
- Includes 1-gang wallplate

Tamper-resistant USB receptacles\*

|          |                                     |
|----------|-------------------------------------|
| 15A 125V | NTR-15-UBTR- <b>XX</b> <sup>1</sup> |
|----------|-------------------------------------|

GFCI receptacles



- Self-testing technology allows GFCI to automatically check proper operation every 30 seconds
- LEDs indicate status of GFCI protection function
- Press reset button to reset GFCI after circuit interruption
- Includes 1-gang wallplate

Tamper-resistant, self-testing GFCI receptacles\*

|                |                                     |
|----------------|-------------------------------------|
| 15A 125V, GFCI | NTR-15-GFST- <b>XX</b> <sup>1</sup> |
| 20A 125V, GFCI | NTR-20-GFST- <b>XX</b> <sup>1</sup> |

Isolated ground receptacles



- Receptacle is orange for easy ID and circuit delineation
- Model number color code is for wallplate only
- Includes 1-gang wallplate

Isolated ground receptacles\*

|          |                                      |
|----------|--------------------------------------|
| 15A 125V | NTR-15-IG-OR- <b>XX</b> <sup>1</sup> |
| 20A 125V | NTR-20-IG-OR- <b>XX</b> <sup>1</sup> |

**XX**<sup>1</sup>: Architectural matte color codes (1-gang wallplate included)

\* Metal and glass finishes are only available as separate wallplates.

## Receptacles for dimming use



- Duplex for dimming both connected loads
- Projecting nubs prevent standard plugs from being used
- Requires replacement plug for dimming table and floor lamps
- Includes 1-gang wallplate
- Tamper-resistant shutter mechanism

### Dual dimming, tamper-resistant receptacles\*

|                |                                     |
|----------------|-------------------------------------|
| 15 A 120/125 V | NTR-15-DDTR- <b>XX</b> <sup>1</sup> |
| 20 A 120/125 V | NTR-20-DDTR- <b>XX</b> <sup>1</sup> |

## Receptacles for half dimming use



- Top half for dimming
- Projecting nub prevents standard plug from being used
- Requires replacement plug for dimming table and floor lamps
- Bottom half is a general use receptacle and will fit standard duplex plugs
- Includes 1-gang wallplate
- Tamper-resistant shutter mechanism

### Half dimming, tamper-resistant receptacles\*

|                |                                     |
|----------------|-------------------------------------|
| 15 A 120/125 V | NTR-15-HDTR- <b>XX</b> <sup>1</sup> |
| 20 A 120/125 V | NTR-20-HDTR- <b>XX</b> <sup>1</sup> |

## Replacement plugs for dimming



- Required for use with Lutron receptacles for dimming purposes—plug will also work in a standard receptacle
- Easily replaces the existing plugs on lamps

### Replacement dimming plugs

|                                 |                                   |
|---------------------------------|-----------------------------------|
| 120/125 V                       | RP-FDU-10- <b>XX</b> <sup>2</sup> |
| UL/CSA/NOM regulatory approvals |                                   |

## Important notes

- Receptacles and plugs for dimming use are UL Listed for use with all Lutron wallbox dimmers included in this catalog.
- If there is only one electrical feed to the receptacle, then the duplex DFDU must be used.
- If the hot and dimmed hot feeds to the split duplex HFDU are supplied from different circuits or split-wired, with separate switch-legs, a means to simultaneously disconnect these circuits must be provided at the panel board where they originate (NEC 210.7(C) 2002 Edition). A 2-pole circuit breaker or two single-pole circuit breakers with an approved handle tie can be used to accomplish this simultaneous disconnect. Feed-through dimming panels, which are those without breakers, are recommended when using the HFDU.
- For more information on dimming lamps, consult Lutron Application Note #109, Guide to Dimming Portable Lamps via Receptacles, at [lutron.com/applicationnotes](http://lutron.com/applicationnotes).

**XX**<sup>1</sup>: Architectural matte color codes (1-gang wallplate included)

**XX**<sup>2</sup>: Available in White (WH) and Brown (BR)

\* Metal and glass finishes are only available as separate wallplates.



Shown above: 1-receptacle dimming module in White (WH).

## Available finishes

Use **BOLD** color code in model number  
(Example: MRF2-3PD-3-**BL**)

Matte finishes

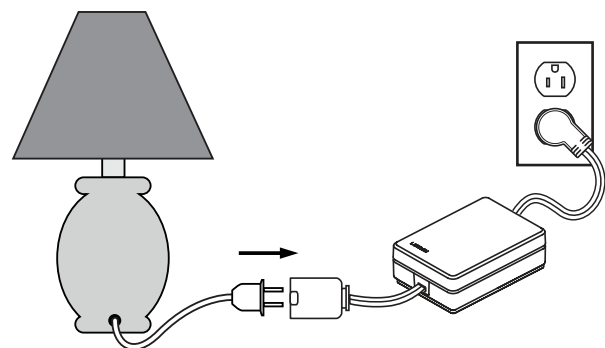


**WH**  
White



**BL**  
Black

## Installation



## Product family features

- Uses Lutron Clear Connect radio frequency (RF) technology, which provides reliable RF communication with Pico wireless remotes and Radio Powr Savr wireless sensors.
- Combine up to 10 wireless devices (dimmers, switches, sensors, and/or wireless remotes)
- Easy to install, requires no wiring tools
- Available in 1- or 3-receptacle models
- Button presses associate the module with Radio Powr Savr sensors and Pico wireless remotes
- Male plug on 24 in (610 mm) cord
- Female receptacle on 6 in (150 mm) cord
- Communicates at 434 MHz frequency

## Direct load type compatibility

Dimming module (dimming mode)

💡 Incandescent/halogen lighting

Dimming module (switching mode)

💡 Incandescent/halogen lighting

💡/💡 CFL/LED lighting (screw-base)

💡 Magnetic low-voltage lighting

💡 Electronic low-voltage lighting

Appliance module

🔌 General purpose

## Wireless Control

(See Pico wireless remote section for models)



Plug-in dimming modules



- Functions much like standard lamp dimmers, and incorporates advanced features such as fade on/fade off, delayed long fade off, and rapid full on
- Can be converted into a switching module for control of other lighting loads

Plug-in appliance modules



- Switches up to 15A of general purpose load (1/2 HP motor load)
- Features Lutron patented Softswitch technology to prevent the relay contacts from arcing, extending the average life of the switch to 1,000,000 operations



**Incandescent/halogen dimming modules**

Plug-in dimming modules

|                   |                                    |
|-------------------|------------------------------------|
| 1-receptacle cord | MRF2-3PD-1- <b>XX</b> <sup>1</sup> |
| 120V 300W         |                                    |
| 3-receptacle cord | MRF2-3PD-3- <b>XX</b> <sup>1</sup> |
| 120V 300W         |                                    |



**Switching modules**

Plug-in appliance modules

|                         |                                      |
|-------------------------|--------------------------------------|
| 1-receptacle cord       | MRF2-15APS-1- <b>XX</b> <sup>1</sup> |
| 120V 15A (1/2 HP motor) |                                      |
| 3-receptacle cord       | MRF2-15APS-3- <b>XX</b> <sup>1</sup> |
| 120V 15A (1/2 HP motor) |                                      |

**XX**<sup>1</sup>: Matte color code

## Credenza lamp dimmer



Shown actual size: Credenza lamp dimmer in White (WH).

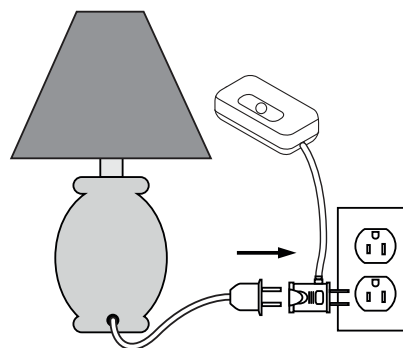
### Product family features

- Convenient full range dimmers for table and floor lamps
- Allows use of a standard light bulb instead of costly 3-way bulbs
- Easy to install, requires no wiring tools
- Models with locator light have LED that glows softly
- Cord is 6 ft (1.8 m) long

### Direct load type compatibility

- Dimmable LED/CFL lighting (screw-base)
- Incandescent/halogen lighting

### Installation



### Available finishes

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

Gloss



Plug-in lamp dimmer



- Slide up to turn on/brighten, down to turn off/dim
- LED+ dimmer provides reliable dimming of dimmable LEDs/CFLs, as well as halogens and incandescents
- Requires no wiring or tools

Plug-in lamp dimmer  
with locator light



- Slide up to turn on/brighten, down to turn off/dim
- Includes red LED locator light
- Requires no wiring or tools



**Dimmable LED/CFL (screw-base)  
lamp dimmer**



**Incandescent/halogen lamp dimmer**

Plug-in LED+ lamp dimmer

Single-pole TTCL-100H-**XX**<sup>1</sup>  
120V 100W (LED/CFL),  
250W (Inc)

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.



**Incandescent/halogen lamp dimmer**

Plug-in lamp dimmer

Single-pole TT-300H-**XX**<sup>2</sup>  
120V 300W



**Incandescent/halogen lamp dimmer**

Plug-in lamp dimmer

Single-pole TT-300NLH-**XX**<sup>1</sup>  
120V 300W

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Available in Gloss White (WH) and Brown (BR)

\* Maximum light output of 85% guarantees 15% energy savings over standard switches

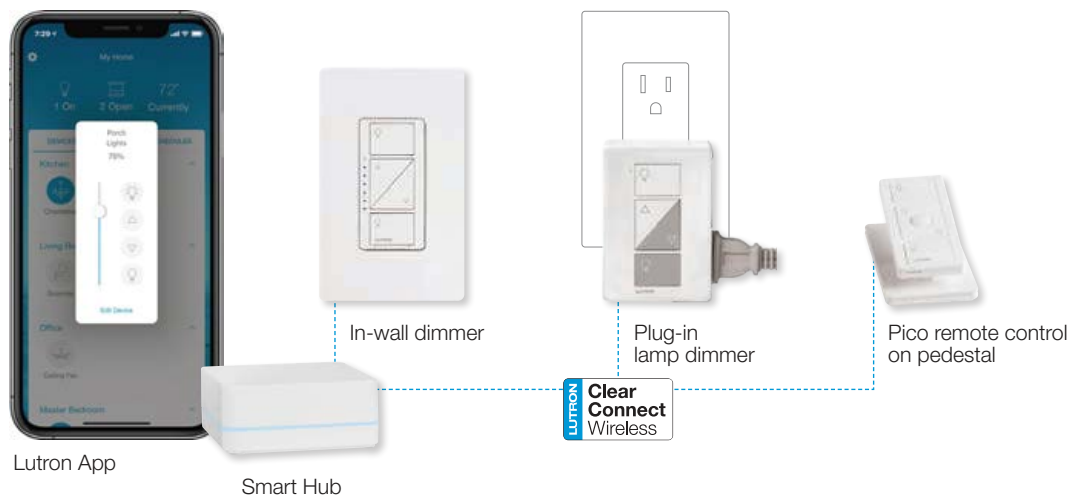


## Why choose Caséta Wireless?

Smartphones and tablets have been adopted at a rapid pace, and homeowners are making these devices their new point of control. Caséta Wireless provides simple, affordable, and reliable control of lights, shades, and temperature from anywhere.

## A truly scalable solution

- Start by installing Caséta Wireless dimmers and a Pico remote for simple connected control
- Add the Smart Hub and Lutron App for control from your smart device
- Expand the system at any time to an entire room or the whole home



## An easier 3-way

- Dimmer does not require neutral wire
- Mount remote on any surface — without cutting holes
- No wiring necessary for remote

### Step 1

Install Caséta Wireless dimmer



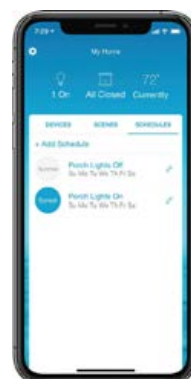
### Step 2

Mount Pico remote



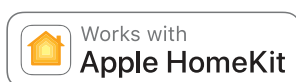
## A smarter timer

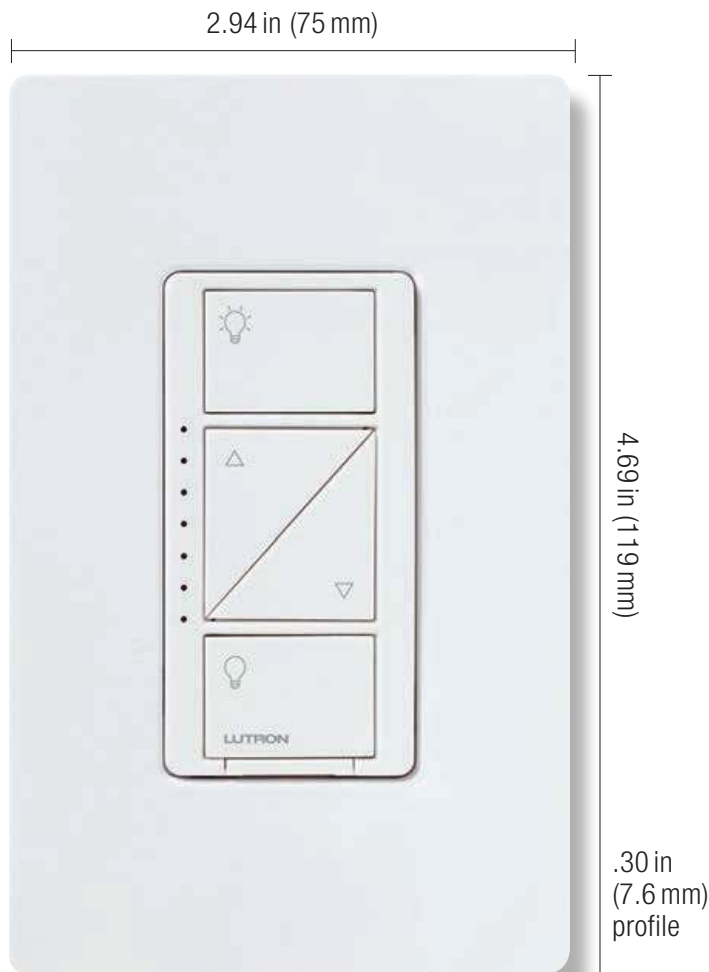
- Set the timer once and never have to reset it again
- Timer schedules automatically adjust when seasons change
- No reprogramming for daylight saving or power outages



## Provide integrated solutions

Caséta Wireless integrates with the most popular connected home devices to provide a complete smart home solution.





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

## Product family features

- Control your lights from anywhere
- Uses Lutron Clear Connect radio frequency (RF) technology, which provides reliable RF communication with Pico wireless remotes, Radio Powr Savr wireless occupancy/vacancy sensors, and Smart Hubs
- LED+ models available
- Control and schedule lights from the Lutron App when paired with a Smart Hub
- Use Pico wireless remotes for additional dimmers/switches in multi-location applications
- Communicates at 434 MHz frequency
- Coordinating Claro wallplates only available separately
- All models must be derated unless otherwise noted. Visit [lutron.com/multigang](http://lutron.com/multigang) for more information.

## Direct load type compatibility

- Dimmable LED/CFL lighting (screw-base)
- Incandescent/halogen lighting
- Magnetic low-voltage lighting
- Electronic low-voltage lighting
- LED lighting
- Fluorescent lighting
- Switched lighting/fan/motor

## Load type requiring load interface

- Neon/cold cathode lighting

Lighting load interfaces may be required for some load type, voltage, and capacity combinations. For additional information see "Lighting Load Interfaces."

## Control types

- Single-pole (1 location)
- 3-way (2 locations)
- Wireless multi-location (up to 11 locations)

## Available finishes

Use **BOLD** color code in model number (Example: PD-6WCL-**WH**)

Gloss



**WH**  
White



**LA**  
Light Almond



**IV**  
Ivory



**BL**  
Black

Metal wallplate\*



**SS**  
Stainless Steel

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) control.

## Switch & Remote Kit



- Eliminates fumbling around in the dark
  - Add a switch anywhere
  - Add a Smart Hub anytime
- Ideal for garages, hallways, and kitchens*

### Switch & Remote Kit

Smart Switch, Wallplate, Remote, Bracket P-PKG1WS-WH

## Smart Switch Starter Kit



- Always come back to a well-lit home
  - Using the Lutron App, easily check which lights are on or off
  - Automatically schedule lights to turn on and off anytime
- Ideal for outdoor lighting*

### Smart Switch Starter Kit

Switch, Wallplate, Smart Hub P-BDG-PKG1WS

## 3-Way Dimmer Kit with Remote



- Eliminates fumbling around in the dark
  - Add a switch anywhere
  - Add a Smart Hub anytime
- Ideal for garages, hallways, and kitchens*

### 3-Way Dimmer Kit with Remote

Smart Dimmer, Wallplate Wallplate P-DIM-3WAY-WH

## Dimmer Kit with Smart Hub



- Create the right light for any occasion
  - Using the Lutron App, easily check which lights are on or off
- Ideal for the kitchen and living, family, and dining rooms*

### Dimmer Kit with Smart Hub

Dimmer, Remote, Smart Hub P-BDG-PKG1W

## Lamp Dimmer & Remote Kit



- Adjust lights on either side of the bed
  - Control multiple lamps in a room with one remote
- Ideal for bedrooms, living rooms, studies, and home offices*

### Lamp Dimmer & Remote Kit

Lamp Dimmer, Remote P-PKG1P-WH

Visit [lutron.com/CasetaKits](http://lutron.com/CasetaKits) for more information

## Smart Lamp Timer Kit

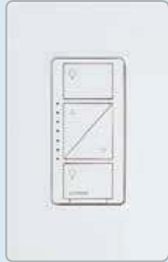


- Perfect for rooms with no overhead lighting
  - Control lights with voice integration, the Lutron App, or a Pico remote
- Ideal for living rooms and bedrooms*

### Smart Lamp Timer Kit

Lamp Dimmer, Remote, Smart Hub P-BDG-PKG1P

## Wireless in-wall dimmers



- Simple, intuitive design with on, off, and raise/lower buttons
- Provides true dimming from each location with Pico wireless remotes
- Offers superior dimming of dimmable LEDs/CFLs, as well as halogens and incandescents
- PRO and ELV+ models work with magnetic low-voltage lighting, and are compatible with Lutron 2-wire forward phase LED drivers, Tu-Wire fluorescent ballasts and load interfaces; ELV+ models also work with electronic low-voltage lighting

### **Dimmable LED/CFL (screw-base) dimmer**

#### **Incandescent/halogen dimmer**

##### Wireless in-wall LED+ dimmer

Multi-location<sup>†</sup>/single-pole PD-6WCL-**XX**<sup>1</sup>  
120 V 150 W (LED/CFL),  
600 W (Inc)

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

### **Dimmable LED (screw-base) dimmer**

#### **Incandescent/halogen dimmer**

#### **Magnetic low-voltage dimmer**

#### **Electronic low-voltage dimmer**

#### **Hi-lume 1% 2-wire LED driver dimmer**

#### **Tu-Wire fluorescent ballast dimmer**

##### Wireless in-wall ELV+ dimmer<sup>\*\*</sup>

Multi-location<sup>†</sup>/single-pole PD-5NE-**XX**<sup>1</sup>  
120 V 250 W (LED), 500 W (Inc),  
400 VA/300 W (MLV),  
500 W (ELV),  
400 W (Hi-lume 1% LED driver, max. 20),  
3.3 A (Tu-Wire fluorescent ballast)

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

Adjustable low-end trim.

### **Dimmable LED (screw-base) dimmer**

#### **Incandescent/halogen dimmer**

#### **Magnetic low-voltage dimmer**

#### **Hi-lume 1% 2-wire LED driver dimmer**

#### **Tu-Wire fluorescent ballast dimmer**

##### Wireless in-wall dimmer PRO<sup>††</sup>

Multi-location<sup>†</sup>/3-way\*/single-pole PD-10NXD-**XX**<sup>1</sup>  
120 V 250 W (LED), 1000 W (Inc),  
1000 VA/800 W (MLV),  
520 W (Hi-lume 1% LED driver, max. 13),  
5 A (Tu-Wire fluorescent ballast)

Visit [lutron.com/compatibility](http://lutron.com/compatibility) for our online compatibility tool.

Adjustable low-end trim.

**XX**<sup>1</sup>: Gloss color codes

Wallplates not included. Order separately.

\* Works with standard mechanical 3-way switch

\*\* Neutral wire connection required

† For multi-location applications, replace additional switches with Pico wireless remotes

†† **Neutral wire connection available, not required** (required for LED drivers, fluorescent ballasts, and interfaces)

## Wireless in-wall electronic switches



- Offers large on and off buttons
- 2-wire switch ideal for retrofit applications
- Neutral wire switch ideal for higher wattages and lower minimum loads

## Fan controls



- Provides true control from each location with the Pico fan wireless remote
- Save fan speed preference with the “favorite” button
- 4 quiet fan speeds

### Switches

#### Wireless in-wall electronic switch\*\*

Multi-location†/3-way\*/  
single-pole PD-6ANS-**XX**<sup>1</sup>  
120V 6A light, 3.6A (1/4 HP) fan

#### Wireless in-wall electronic switch PRO

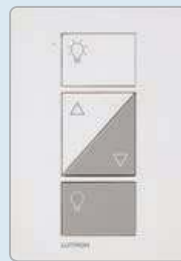
Multi-location†/3-way\*/  
single-pole PD-5WS-DV-**XX**<sup>1</sup>  
120/277V 5A light, 3A fan

### Fan controls

#### Fan controls—quiet 4-speed

Multi-location/single-pole PD-FSQN-**XX**<sup>1</sup>  
120V 1.5A

## Wireless plug-in lamp dimmer



- Features two receptacles for simultaneous control of two lamps
- Simply plugs into a standard wall receptacle for easy installation
- Can be converted to a switch for control of other lighting loads

### Dimmable LED/CFL (screw-base) lamp dimmer

### Incandescent/halogen lamp dimmer

#### Wireless plug-in LED+ lamp dimmer

Single-pole PD-3PCL-WH  
120V 100W (LED/CFL),  
300W (Inc)

Visit [lutron.com/LEDfinder](http://lutron.com/LEDfinder) for our online compatibility tool.

**XX**<sup>1</sup>: Gloss color codes

Wallplates not included. Order separately.

\* Works with standard mechanical 3-way switch

\*\* Neutral wire connection required

† For multi-location applications, replace additional switches with Pico wireless remotes

## Outdoor Smart Plug



- Able to withstand all weather conditions
- IP66 certified
- Indicator LED light with status and error reporting available

### Switching Module

Outdoor Smart Plug PD-15OUT-BL  
120V 15A light, 1/2 HP motor/pump

## Pico wireless remote



- Only select models shown below, see Pico section for full family including Caséta PRO models

### Pico wireless remotes

|                                                      |                                            |
|------------------------------------------------------|--------------------------------------------|
| 2-button                                             | PJ2-2B-G <del>XX</del> <sup>1</sup> -L01   |
| 2-button raise/lower                                 | PJ2-2BRL-G <del>XX</del> <sup>1</sup> -L01 |
| 3-button raise/lower                                 | PJ2-3BRL- <del>XX</del> <sup>3</sup> -L01R |
| 3-button raise/lower w/wallplate and wallbox adapter | PJ2-WALL-WH-L01                            |
| Wallbox adapter                                      | PICO-WBX-ADAPT                             |

## Motion sensor



- 10-year typical battery life
- 180 degree field of view
- Uses XCT technology for fine motion detection
- Occupancy/Vacancy models available



### Motion sensor

|                   |             |
|-------------------|-------------|
| Occupancy/Vacancy | PD-OSENS-WH |
| Vacancy only      | PD-VSENS-WH |

### Tabletop pedestals

|                 |                                    |
|-----------------|------------------------------------|
| Single pedestal | L-PED1- <del>XX</del> <sup>2</sup> |
| Dual pedestal   | L-PED2- <del>XX</del> <sup>2</sup> |
| Trip pedestal   | L-PED3- <del>XX</del> <sup>2</sup> |
| Quad pedestal   | L-PED4- <del>XX</del> <sup>2</sup> |

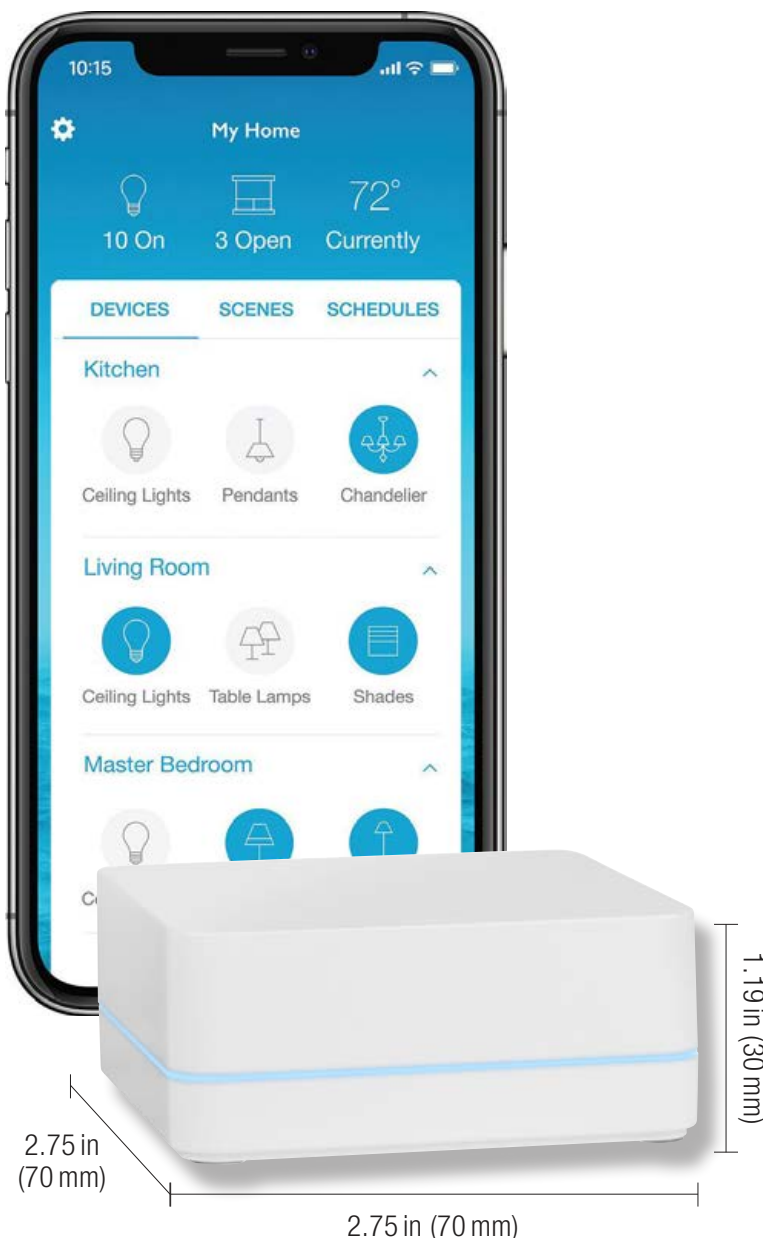
### Car visor clip

|      |               |
|------|---------------|
| Clip | PICO-CAR-CLIP |
|------|---------------|

~~XX~~<sup>1</sup>: Available in Gloss colors

~~XX~~<sup>2</sup>: Available in Gloss White (WH) and Black (BL)

~~XX~~<sup>3</sup>: Available in Gloss White (WH) and Light Almond (LA)



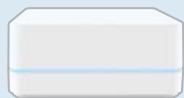
Shown actual size: Lutron Smart Hub and App

### Product family features

- Allows for setup, control, and monitoring of Caséta Wireless devices and Lutron wireless shades from a smartphone, tablet, or wearable
- Supports Apple HomeKit\* technology, which allows Caséta Wireless devices and Lutron wireless shades to be controlled by Siri
- Smart Hub uses Lutron reliable Clear Connect radio frequency (RF) technology, which provides reliable RF communication with Caséta Wireless dimmers and switches, Pico wireless remotes, and Lutron wireless shades
- Smart Hub supports up to 75 wireless devices (dimmers, switches, thermostats, remotes and/or shades); the Smart Hub counts as one device
- Lutron App provides:
  - Scene control
  - Timeclock scheduling of daily events
  - System access from anywhere in the world
  - Geofencing support
- Multi-home control
- Lutron App is required for programming and use of Smart Hub—compatible with iOS (7.0 or later) and Android (4.1 or later) devices
- Lutron App is compatible with other connected home solutions, such as smart thermostats and audio systems. For a full list visit [casetawireless.com/integration](http://casetawireless.com/integration).
- Smart Hub connects to Wi-Fi router via Ethernet (3 ft cable included); local device operation will continue to function if internet connection is lost
- Smart Hub PRO model supports Serena and Sivoia QS Triathlon shades, and integration with select A/V and security systems
- Smart Hub communicates at 434 MHz frequency and has an RF range of 30 ft (9m) through walls and floors to other RF devices
- Smart Hub requires 120V source for 5V DC adapter (included)
- Smart Hub available in White

\* HomeKit requires an iPhone, iPad, or iPod touch. Controlling HomeKit-enabled accessories from home also requires an Apple TV with Apple TV software. Check Apple's website to find requirements for supported iOS and Apple TV versions.

## Smart Hub



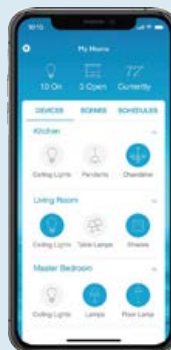
- Supports up to 75 wireless devices
- Connects to Wi-Fi router via Ethernet
- Supports Siri and HomeKit technology, and Serena shades

### Smart Hub

Smart Hub  
with HomeKit technology

L-BDG2-WH

## Lutron App

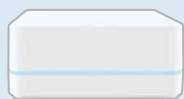


- Works in conjunction with the Smart Hub or Smart Hub PRO
- Controls lights, shades, and thermostats from anywhere
- Required to program and use Smart Hub

### Lutron App

Download for free from the App Store  
or Google Play

## Smart Hub PRO



- Supports up to 75 wireless devices
- Connects to Wi-Fi router via Ethernet
- Supports Siri and HomeKit technology, and Serena and Sivoia QS wireless shades
- Allows integration with select A/V and security systems

### Smart Hub PRO

Smart Hub PRO  
with HomeKit technology

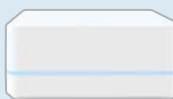
L-BDGPRO2-WH

**Smart Hub PRO with three Pico wireless remotes for audio, two single Pico pedestals, Pico wallbox adapter, and wallplate\***

Smart Hub PRO  
with HomeKit technology

P-BDGPRO-PKG3AW

## Wireless repeater



- Extends system range by up to 60 ft
- Only one per system
- Does not require Ethernet connection

### Repeater

Wireless repeater

PD-REP-WH

\* Package available in White only



Shown: Serena battery-powered roller shade



Shown: Serena battery-powered honeycomb shade

### Product family features

- Battery-powered, wire-free, remote controlled shades
- Ultra-quiet operation
- Set multiple shades in motion with a single button press
- Adjust shades from anywhere in the home with a wireless remote or from anywhere in the world with the Lutron App and Smart Hub
- Radio frequency (RF) control uses Lutron Clear Connect RF technology
- RF shades communicate at 434 Hz frequency
- Lutron power technology utilizes a hybrid drive design and ultra-efficient standby power, which provides long battery life
- Cordless design creates a safe solution for homes with children and pets
- Shades are offered in a variety of fabrics, colors, textures, and opacities
- Manual version also available

For more information visit [lutron.com/serena](https://lutron.com/serena)

## Roller shades

This contemporary and stylish window treatment combines superior functionality with a clean and elegant aesthetic. The innovative headrail simply tips forward to reveal the battery tray, making changing the batteries effortless, without ever removing the shade.

Shades are available in a variety of fabric colors and textures. Choose from sheer, translucent, and blackout fabric options.



### Sheer

- Open weaves preserve views to outside and filter sunlight
- Ideal for rooms where complete privacy is not necessary



### Translucent

- Tighter weaves transform harsh daylight into a soft, filtered glow
- Provides increased privacy for spaces like bathrooms



### Blackout

- Opaque fabrics block light from entering the space
- Ideal for bedrooms and media rooms to achieve complete privacy

## Honeycomb shades

This stylish, functional, automated shade adds convenience, enhances décor, and saves energy. Air pockets trap heat to provide superior insulation for enhanced HVAC energy efficiency.

When selecting a shade fabric, you don't need to sacrifice fashion for function. Exclusive Tap n' Tilt technology makes changing the batteries effortless, without ever removing the shade. Whether you want to cut glare, add insulation, or block sunlight, you can choose from a beautiful palette of colors and textures that will meet those needs, all while adding a signature look to every space.



### Light-filtering – Single-cell

- Transforms harsh daylight into a soft, filtered glow
- Provides varying levels of privacy from the outside
- Saves energy with insulating fabric and design



### Light-filtering – Double-cell

- Allows some light to filter into the space
- Saves even more energy with double-cell insulating design



### Room-darkening – Single-cell

- Blocks light from entering into a space
- Creates complete privacy from the outside
- Saves the most energy due to aluminum lining

Check out our wide range of colors at [lutron.com/Serena](https://lutron.com/Serena) or download the Lutron Fabric Collections app on the App Store.

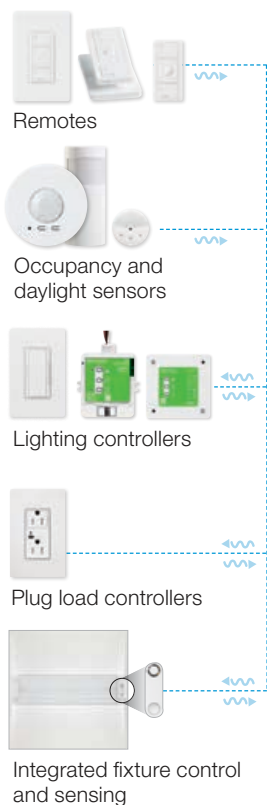
## Simple, scalable, wireless lighting control — Flexible control every step of the way

- Flexibility of the system allows you to design the building to meet your needs
  - The same suite of products allows you to design a simple, single-room solution or a fully integrated lighting management system
  - Multiple control options – combine individual fixture control and area control and easily match controls to any fixture package
  - Meet all of the latest energy codes and standards
- Less wiring reduces labor by 70%, and wireless technology makes setup as simple as pushing a button or using your smart device
- Monitor, adjust, and manage your system from any smart device to maximize your building's energy savings and occupant comfort

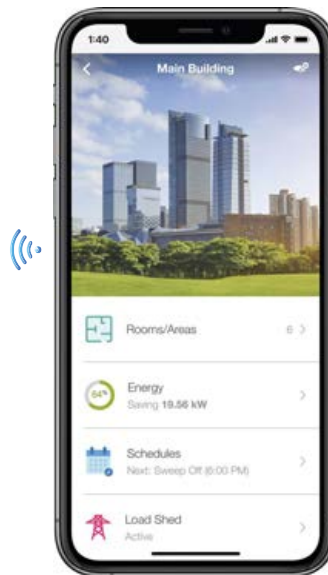
## Transform existing buildings with wireless lighting control

Flexible, wireless controls and sensors  
for simple, code-compliant design

Simple-to-use software



Add wireless hubs  
for centralized control and  
integration (optional)



Vive software

Communication protocols



Communicate via RF  
to control components



Communicate via Wi-Fi  
to smart devices

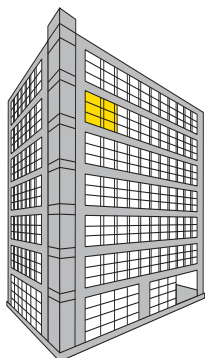


Communicate with wired  
Ethernet to Vive hub

## Scalable solutions — start small and grow

Vive wireless solutions offer a multi-strategy approach that accommodates your budget and performance needs now, and for the future of your building.

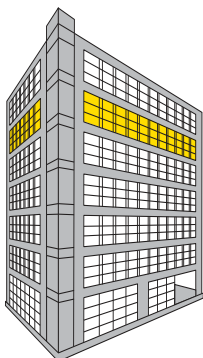
1



Single office space

Start by adding control in a single space and expand as budgets and occupant schedules allow.

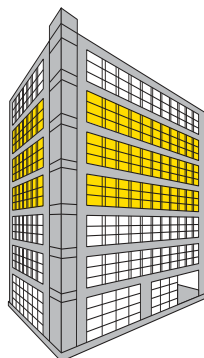
2



Single floor

Expand to new areas or an entire floor at any time without reprogramming or replacing existing equipment.

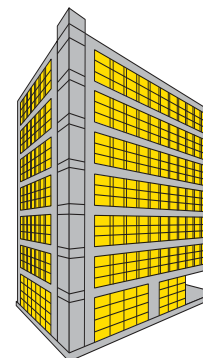
3



Multiple floors

Duplicate the success of one floor across other floors as your business expands or tenants change. Control can be independent on each floor, or linked via Vive wireless hubs.

4



Entire building

Vive offers seamless integration to other building management systems to control every light in your building.

## Choose any load and control type

### Any control type

- **High-performance dimming with Lutron Hi-lume EcoSystem**
- **Other control types**
  - 0-10V
  - Phase control
  - Switching
  - Contact closure output

### Any load type



LED



Incandescent/  
halogen



Fluorescent



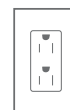
Magnetic  
low voltage



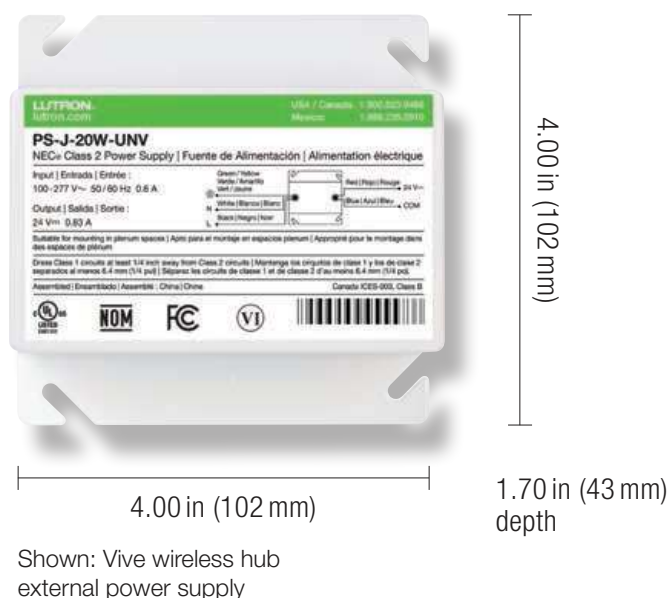
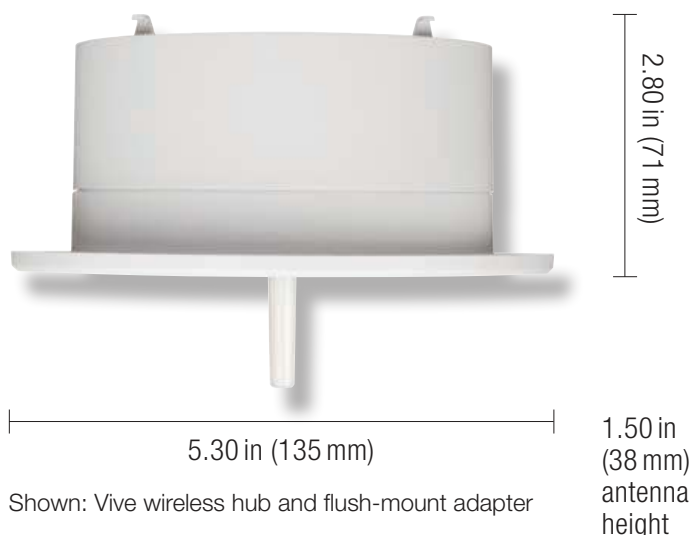
Electronic  
low voltage



CFL



Receptacle



### Product family features

- Provides a connection point for up to 700 Lutron Vive devices, such as Vive Maestro Wireless dimmers/switches, Vive PowPak remote-mount modules, Vive PowPak wireless fixture control modules, Pico wireless remotes, Radio Powr Savr wireless occupancy/vacancy sensors, and Radio Powr Savr wireless daylight sensors
- Communicates with Vive devices via Lutron's reliable Clear Connect radio frequency (RF) technology
- Connects directly to any smartphone, tablet, or computer using built-in Wi-Fi
- Allows for easy programming with any Wi-Fi enabled iOS or Android compatible device using the free Lutron Vive app (available for download from the App Store or Google Play) or by using web-based software
- Supports timeclock events based on both sunrise and sunset, or fixed time of day
- Ethernet connection available to network multiple Vive hubs together and to provide native BACnet integration into the building management systems
- RF and Wi-Fi range of 71 ft (22 m); Pico wireless remotes and Radio Powr Savr wireless sensors communicate directly with load devices and must be located within 30 ft (9 m) of the device to which they are associated
- Communicates at 434 MHz frequency and 2.4 GHz
- Open ADR 2.0 compatible for integration with utilities for demand response/loadshed and code compliance
- API integration, native on the Vive hub, enables integration with third party devices, systems, and software. RESTful APIs are available over the ethernet
- To ensure system operates as expected, proactive alerts inform when batteries are low or devices may not be working

## Vive wireless hub



- Starter hub supports 75 devices. Standard hub supports 700 devices
- Integrated multi-color LED provides feedback
- Flush-mount available for starter hub. Flush and surface mount options available for standard hub

### Vive wireless hub with power supply and mounting adapter

|                                                              |          |
|--------------------------------------------------------------|----------|
| Flush-mount starter hub (75)                                 | HJS-0-FM |
| Flush-mount standard hub (700)                               | HJS-1-FM |
| Surface-mount standard hub (700)                             | HJS-1-SM |
| For HJS-1-FM and HJS-1-SM, please contact sales for a quote. |          |

## Premium Vive wireless hub



- Supports up to 700 Lutron wireless devices
- Allows for native BACnet integration into building management systems
- Integrated multi-color LED provides feedback
- Flush-mount or surface-mount options available

### Premium Vive wireless hub with power supply and mounting adapter

|                                   |          |
|-----------------------------------|----------|
| Flush-mount adapter               | HJS-2-FM |
| Surface-mount adapter             | HJS-2-SM |
| Please contact sales for a quote. |          |

## Vive Vue software



- Facility management solution that provides the ability to tie multiple Vive hubs together in one software interface
- Allows ability to view status, control lights, and optimize building with a graphical floorplan
- Provides occupancy, usage, and energy information along with historical reports

### Vive Vue software

|                                   |          |
|-----------------------------------|----------|
| Dashboard license                 | VIVE-VUE |
| Please contact sales for a quote. |          |

### Vive wireless hub replacement parts

|                                         |              |
|-----------------------------------------|--------------|
| Vive wireless hub external power supply | PS-J-20W-UNV |
| Surface-mount installation adapter      | H-MOUNT-SM   |

### Ethernet switches

|                              |                  |
|------------------------------|------------------|
| 16 port                      | ETH-SWITCH-16    |
| 24 port                      | ETH-SWITCH-24    |
| 24 port, 1 multi-mode fiber  | ETH-SWITCH-24-1M |
| 24 port, 2 multi-mode fiber  | ETH-SWITCH-24-2M |
| 24 port, 1 single-mode fiber | ETH-SWITCH-24-1S |
| 24 port, 2 single-mode fiber | ETH-SWITCH-24-2S |

All switches are unmanaged 10/100/1000 Mbps. This is a suggested, not holistic list. IT-provided gear that is equivalent or better is sufficient. Enterprise-level gear recommended.



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

Shown actual size: Pico wireless remote in White (WH), W: 1.25 in (31.75 mm) x H: 2.63 in (66.80 mm) x D: .33 in (8 mm).

## Product family features

- Uses Lutron Clear Connect radio frequency (RF) technology, which provides reliable RF communication with up to 10 Pico wireless remotes, up to 10 Radio Powr Savr wireless occupancy/vacancy sensors, 1 Radio Powr Savr wireless daylight sensor, and 1 Vive hub
- Compatible with the Vive wireless hub which enables a simple setup process using a standard web browser; also permits control and monitoring of all Vive devices
- C•L model available
- Communicates at 434 MHz frequency
- Coordinating Claro, Satin Finishes, and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates. Visit [lutron.com/engraving](http://lutron.com/engraving) for more information

## Control types

- Single-pole (1 location)
- Multi-location (up to 10 locations)
- Wireless multi-location (up to 11 locations)

## Direct load type compatibility

- Dimmable LED/CFL lighting (screw-base)
- Incandescent/halogen lighting
- Magnetic low-voltage lighting
- Electronic low-voltage lighting
- LED lighting
- Fluorescent lighting
- Switched lighting/fan/motor

## Load type requiring load interface

- Neon/cold cathode lighting

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

## Available finishes

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

Gloss



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**GR**  
Gray



**BR**  
Brown



**BL**  
Black

Satin Finishes



**SW**  
Snow



**BI**  
Biscuit



**MI**  
Mist



**TP**  
Taupe



**RD**  
Signal Red



**MN**  
Midnight



**SS**  
Stainless Steel

Metal wallplate\*

\* Stainless Steel metal wallplate only available separately and includes black plastic trim/adaptor, visible from side. Match with separate Black (BL) or Midnight (MN) controls.

## Digital fade wireless dimmers



- Tap on to preset level; tap off
- Tap twice for full on
- Press, hold, and release for delayed fade-to-off
- Provides true dimming from each location with companion dimmers or Pico wireless remotes

## Wireless electronic switches



- Tap switch on/off
- For multi-location switching, use one Vive Maestro Wireless switch with companion switches or Pico wireless remotes

### Dimmable LED/CFL (screw-base) dimmer

#### Incandescent/halogen dimmer

##### Digital fade wireless LED+ dimmer

Multi-location/single-pole MRF2S-6CL-**XX**<sup>1</sup>  
120V 150W (LED/CFL),  
600W (Inc)

Visit **lutron/LEDfinder** for our online  
compatibility tool.  
Adjustable low-end trim.

#### Incandescent/halogen dimmer

#### Magnetic low-voltage dimmer

### Hi-lume 1% 2-wire LED driver dimmer

### Tu-Wire fluorescent ballast dimmer

##### Digital fade wireless dimmer— specification grade\*\*

Multi-location/single-pole MRF2S-6ND-120-**XX**<sup>1</sup>  
120V 600W (Inc),  
600VA/450W (MLV),  
350W (Hi-lume 1% LED driver, max. 8),  
5A (Tu-Wire fluorescent ballast)

### Electronic low-voltage dimmer

##### Digital fade wireless dimmer\*\*

Multi-location/single-pole MRF2S-6ELV120-**XX**<sup>1</sup>  
120V 600W

### Switches

#### Wireless electronic switch\*\*

Multi-location/single-pole MRF2S-6ANS-**XX**<sup>1</sup>  
120V 6A light,  
3A fan (1/10HP)

#### Wireless electronic switches—specification grade

Multi-location/  
single-pole\*\* MRF2S-8ANS-120-**XX**<sup>1</sup>  
120V 8A light,  
5.8A fan (1/4 HP)

Multi-location/  
single-pole MRF2S-8S-DV-**XX**<sup>1</sup>  
120–277V 8A light,  
3A fan (1/10HP) @ 120V only

#### MRF2S-8S-DV-WH with Radio Powr Savr wireless occupancy/vacancy sensor and wallplate†

|                      |                 |
|----------------------|-----------------|
| Ceiling-mount sensor | MRF2S-1S8A-1OC  |
|                      | MRF2S-1S8A-1VC* |
| Wall-mount sensor    | MRF2S-1S8A-1OW  |
| Corner-mount sensor  | MRF2S-1S8A-1OK  |
| Hallway sensor       | MRF2S-1S8A-1OH  |
| Wall-mount sensor    |                 |
| 2 switches           | MRF2S-2S8A-1OW  |

**XX**<sup>1</sup>: Gloss and Satin color codes

Wallplates not included. Order separately

\* Vacancy only

\*\* Requires neutral wire connection

† Packages available in White only

## Companion controls



- For use with multi-location controls only; use up to nine companion controls with only one Vive Maestro Wireless multi-location dimmer or switch

### Companion controls

#### Companion controls

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

## In-wall sensors



- Easy to install; directly replaces an existing control in a wallbox
- Combines occupancy sensing, manual control, and system connectivity in one piece of hardware
- Easily add additional wall controls and sensors without running any new wires
- Connect to a Vive wireless hub for system features such as timeclock, energy reporting, and demand response/load shed
- Lutron XCT technology for superior sensitivity prevents false ons and false offs

## 0-10V LED/fluorescent fixture dimmers

### 0-10V dimmer occupancy/vacancy sensor

Multi-location/single-pole MRF2S-8SD010-**XX**<sup>3</sup>  
120/277V 8A,  
50mA max. control current

### 0-10V dimmer vacancy sensor

Multi-location/single-pole MRF2S-8SDV010-**XX**<sup>3</sup>  
120/277V 8A,  
50mA max. control current

## Switches

### PIR occupancy/vacancy sensor switch

Multi-location/single-pole MRF2S-8SS-**XX**<sup>3</sup>  
120/277V 8A light  
4.4A fan

### PIR vacancy sensor switch

Multi-location/single-pole MRF2S-8SSV-**XX**<sup>3</sup>  
120V/277V 8A light  
4.4A fan

**XX**<sup>1</sup>: Gloss color codes

**XX**<sup>2</sup>: Satin color codes

**XX**<sup>3</sup>: Gloss and satin color codes

Wallplates not included. Order separately



Shown actual size: Vive PowPak dimming module for 0-10V control



Shown actual size: PowPak fixture occupancy/daylight sensor in White (WH)

## Product family features

- Uses Lutron Clear Connect radio frequency (RF) technology, which provides reliable RF communication with up to 10 Pico wireless remotes, 10 Radio Powr Savr occupancy/vacancy sensors, 1 Radio Powr Savr wireless daylight sensor\*, and 1 Vive wireless hub
- Compatible with Vive hub, which enables a simple setup process using the Vive app or a standard web browser; also permits control and monitoring of all Vive devices
- Mounts through a 1/2" NPT trade size knock-out to a junction box or to a fixture
- Can also be mounted inside of a standard 4" x 4" junction box
- RF range of 60 ft (18m) line-of-sight, 30 ft (9m) through walls and floors to other compatible RF devices
- Communicates at 434 MHz frequency
- Also available in Emergency Models for use in control of emergency lighting

## Direct load type compatibility

### PowPak dimming modules

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

### PowPak relay modules

- Switched lighting/fan/motor
- Receptacles

### PowPak contact closure module

- Low-voltage resistive

\* Vive PowPak 20A relay module is not compatible with the Radio Powr Savr wireless daylight sensor.



## Dimming module for 0 –10V control

- 0–10V analog control is widely used in the fixture industry
- Automatically adjusts to both sink and source LED and fluorescent fixtures

### 0–10V LED/fluorescent fixture dimming module

#### Vive PowPak dimming module for 0–10V control

60mA max control current                      RMJS-5T-347  
347V 5A

Emergency model,                                  RMJS-5T-347-EM  
60mA max control current,  
347V 5A

60mA max control current                      RMJS-8T-DV-B  
120/277V 8A

60mA max control current                      RMJS-8TN-DV-B  
120/277V 8A

Emergency model,                                  RMJS-8T-DV-B-EM  
60mA max control current,  
120/277V 8A

Compatible with any IEC 60929 Annex E  
compliant driver or ballast.



## EcoSystem/DALI

- Compatible with any Lutron EcoSystem LED driver or ballast for high-performance dimming and control
- Multiple drivers/ballasts connected to control module will always work together as a single zone

### EcoSystem LED/driver fluorescent ballast fixture dimming module

#### Vive PowPak single zone

32 drivers/ballasts                                  RMJS-ECO32-SZ  
120/277V

## Phase select dimming module



- 120/277 V voltage phase control for various dimmable fixture types: LED, fluorescent 2-wire fixtures, ELV/MLV track lighting, neon/cold cathode light
- PRO LED+ technology, enables forward or reverse-phase control for optimal dimming down to as low as 1%
- RTISS technology compensates for incoming line variations such as frequency shifts, harmonics, and line noise

### Phase selectable dimming module

#### Vive PowPak phase selectable dimming module,

450W Inc/ELV/LED                                  RMJS-PNE-DV  
reverse (120V/277V),  
400VA fluorescent (120V/277V),  
400VA MLV/LED forward (120V/277V),  
NEMA LED SSL7 (120V only)

Emergency model,                                  RMJS-PNE-DV-EM  
450W Inc/ELV/LED  
reverse (120V/277V),  
400VA fluorescent (120V/277V),  
400VA MLV/LED forward (120V/277V),  
NEMA LED SSL7 (120V only)

## Relay modules



- General purpose switch controls lighting, fan, and motor loads
- Uses patented Softswitch technology to extend relay life to average 1,000,000 cycles
- Available with dry contact closure output for integration with third-party equipment; provides occupancy status

## Switching module

### Vive PowPak relay modules

5 A (1/6 HP – 120 V, RMJS-5R-DV-B  
1/3 HP – 277 V) 120/277 V

5 A - 347 V RMJS-5R-347

Emergency model, RMJS-5R-347-EM  
5 A - 347 V

5 A (1/6 HP – 120 V, RMJS-5RCCO1-DV-B  
1/3 HP – 277 V) 120/277 V  
with contact closure output

16 A (1/2 HP – 120 V, RMJS-16R-DV-B  
1 1/2 HP – 277 V) 120/277 V

Emergency model, RMJS-16R-DV-B-EM  
16 A (1/2 HP - 120 V,  
1 1/2 HP - 277 V) 120/277 V

16 A (1/2 HP – 120 V, RMJS-16RCCO1-DV-B  
1 1/2 HP – 277 V) 120/277 V  
with contact closure output

20 A (1 HP – 120 V, RMJS-20R-DV-B  
2 HP – 277 V) 120/277 V\*

20 A (1 HP – 120 V, RMJS-20RCCO1DVB  
2 HP – 277 V) 120/277 V  
with contact closure output\*

### Vive PowPak contact closure module

1 contact closure output RMJS-CCO1-24-B  
24 V AC/DC

## Wireless fixture control module with EcoSystem



- EcoSystem is engineered and tested to guarantee 100% compatibility between controls, drivers, ballasts, and sensors

## EcoSystem LED driver/fluorescent ballast fixture control module

Vive PowPak wireless fixture control module with EcoSystem\*\*

3 drivers/ballasts FCJS-ECO  
120–277 V

Emergency model, FCJS-ECO-EM  
3 drivers/ballasts 120-277 V

8 Pack FCJS-ECO-BULK8

\* Vive PowPak 20 A relay modules are not compatible with the Radio Powr Savr wireless daylight sensor.

\*\* Use with PowPak fixture sensor (on next page) or with Radio Powr Savr wireless sensors

## Wireless fixture control module for 0–10V control



- 0–10V analog control is widely used in the fixture industry
- Automatically adjusts to both sink and source LED and fluorescent fixtures

### 0–10V LED/fluorescent fixture control module

Vive PowPak wireless fixture control module for 0–10V control\*

6mA max control current  
120–277V

FCJS-010

Emergency model,  
6mA max control current,  
120–277V

FCJS-010-EM

8 Pack

FCJS-010-BULK8

Compatible with any IEC 60929 Annex E compliant driver or ballast.

## Occupancy/daylight sensor



- Auto-on/auto-off, manual on/auto-off
- 360° field-of-view
- Daylighting via Lutron reliable closed loop proportional control
- Vacancy model is Title 24 compliant proportional control

### Occupancy/daylight sensor

Ceiling- or fixture-mount

FC-SENSOR

FC-VSENSOR\*

### Fixture sensor major motion coverage range

| Ceiling height | Maximum room dimensions for complete floor coverage | Square feet                                |
|----------------|-----------------------------------------------------|--------------------------------------------|
| 8 ft (2.4 m)   | 16 X 16 ft (4.9 X 4.9 m)                            | 275 ft <sup>2</sup> (25.5 m <sup>2</sup> ) |
| 9 ft (2.7 m)   | 17 X 17 ft (5.2 X 5.2 m)                            | 300 ft <sup>2</sup> (27.8 m <sup>2</sup> ) |
| 10 ft (3.0 m)  | 18 X 18 ft (5.5 X 5.5 m)                            | 325 ft <sup>2</sup> (30.2 m <sup>2</sup> ) |
| 12 ft (3.7 m)  | 19 X 19 ft (5.8 X 5.8 m)                            | 375 ft <sup>2</sup> (34.8 m <sup>2</sup> ) |

\* Vacancy-only model



## Product family features

- Radio-frequency (RF) receptacle with built-in control/antenna used for switching general purpose loads
- May be used to control, but is not limited to, monitors, fans and humidifiers\*
- Uses Lutron Clear Connect radio frequency (RF) technology, which provides reliable RF communication with up to 10 Pico wireless remotes, up to 10 Radio Powr Savr wireless occupancy/vacancy sensors, and 1 Vive wireless hub
- Features adaptive switching, which maximizes relay life by switching at the point of minimum energy on the AC power curve
- Capable of controlling receptacles downstream
- Compatible with the Vive wireless hub, which enables a simple setup process using a standard web browser; also permits control and monitoring of all Vive devices
- Available in both 15A and 20A versions, and in both duplex and split models
- Includes tamper-resistant shutter mechanism
- RF range of 60 ft (18 m) line-of-sight, 30 ft (9 m) through walls and floors to other compatible RF devices
- Communicates at 434 MHz frequency
- Coordinating Claro and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates. Visit [lutron.com/engraving](http://lutron.com/engraving) for more information.

## Available finishes

Use **BOLD** color code in model number (Example: CAR2S-15-STR-**WH**)

Gloss finishes



**WH**  
White



**LA**  
Light Almond



**BL**  
Black

## Direct load type compatibility

- 🔌 Switched lighting/fan/motor

\* Not intended for control of permanently installed lighting fixtures or loads that present a hazard if automatically energized.

## Split wireless receptacle



- Only top outlet is controlled
- Available in 15 A or 20 A version
- Wallplate sold separately

## Duplex wireless receptacle



- Both outlets are controlled
- Available in 15 A or 20 A version
- Wallplate sold separately

### Switched lighting/fan/motor

#### Split wireless receptacle

|           |                                      |
|-----------|--------------------------------------|
| 15 A 120V | CAR2S-15-STR- <b>XX</b> <sup>1</sup> |
| 20 A 120V | CAR2S-20-STR- <b>XX</b> <sup>1</sup> |

### Switched lighting/fan/motor

#### Duplex wireless receptacle

|           |                                      |
|-----------|--------------------------------------|
| 15 A 120V | CAR2S-15-DTR- <b>XX</b> <sup>1</sup> |
| 20 A 120V | CAR2S-20-DTR- <b>XX</b> <sup>1</sup> |

**XX**<sup>1</sup>: Gloss color codes

## Pico wireless remotes



Shown actual size: Pico wireless remote, 3-button with raise/lower in White (WH)

### Product family features

- Wireless master control from any location
- **Requires compatible receiving device** (sold separately)
- Available in a variety of colors and button configurations with predetermined button labeling (4-button zone and scene remotes available with custom labeling)
- Nightlight models offer a continuously soft-glowing LED that allows the remote to be easily located in the dark
- Control a single light, group of lights, plug load, or audio system
- Can be wall-mounted, mounted on a tabletop pedestal, kept on a car visor clip, or used as a handheld control; adhesive-mount for standalone wall mounting included with Pico wireless remote; all other mounting accessories sold separately
- Simple to install in single- or multi-gang applications with Claro
- Battery included; 10-year battery life (3-year battery life with nightlight model)
- Communicates via Lutron Clear Connect radio frequency (RF) technology to other wireless devices, including: GRAFIK T, PowPak plug-in, Caséta Wireless, Vive Maestro Wireless, Vive PowPak, Vive wireless receptacles, and Serena battery-powered shades
- RF range of 60 ft (18m) line-of-sight, 30 ft (9m) through walls and floors to other compatible RF devices
- Operates at 434MHz frequency
- All Pico models work with every wireless system; Caséta models only work with Caseta systems

## Available finishes

Use **BOLD** color code in model number (Example: PJ2-3BRL-G**WH**-L01)

### Gloss

(available for most button configurations)



**WH**  
White



**WG**  
White/Gray



**IV**  
Ivory



**LA**  
Light Almond



**BL**  
Black

### All models, shown in white



2-button  
(light)



2-button  
(appliance)



2-button  
with raise/lower



2-button  
with nightlight



3-button



3-button  
with raise/lower



3-button  
with raise/lower  
with nightlight



4-button

### Pedestal Gloss



**WH**  
White



**BL**  
Black

## Pico wireless remotes

### 2-button wireless remotes



- On/off
- Light icon or text labeling
- Available with nightlight

#### Pico wireless remotes

##### 2-button

|                |                                          |
|----------------|------------------------------------------|
| Light icon     | PJ2-2B-G <del>XX</del> <sup>1</sup> -L01 |
| Appliance icon | PJ2-2B-G <del>XX</del> <sup>1</sup> -L02 |

#### Pico wireless remote with nightlight

##### 2-button

|            |                                          |
|------------|------------------------------------------|
| Light icon | PJN-2B-G <del>XX</del> <sup>1</sup> -L01 |
|------------|------------------------------------------|

### 2-button with raise/lower wireless remotes



- On/off and raise/lower

#### Pico wireless remotes

##### 2-button with raise/lower

|            |                                            |
|------------|--------------------------------------------|
| Light icon | PJ2-2BRL-G <del>XX</del> <sup>1</sup> -L01 |
|------------|--------------------------------------------|

**XX<sup>1</sup>**: Available in Gloss colors

**XX<sup>2</sup>**: Available in Gloss White (WH) and Black (BL)

**XX<sup>3</sup>**: Available in Gloss White (WH) and Light Almond (LA)

### 3-button wireless remotes



- On/off and preset button
- Light icon labeling

#### Pico wireless remote

##### 3-button

|            |                                          |
|------------|------------------------------------------|
| Light icon | PJ2-3B-G <del>XX</del> <sup>1</sup> -L01 |
|------------|------------------------------------------|

### 3-button with raise/lower wireless remotes



- On/off, raise/lower, and preset button
- Available with nightlight

#### Pico wireless remotes

##### 3-button with raise/lower

|            |                                            |
|------------|--------------------------------------------|
| Light icon | PJ2-3BRL-G <del>XX</del> <sup>1</sup> -L01 |
| Audio text | PJ2-3BRL-G <del>XX</del> <sup>2</sup> -A02 |

#### Caséta Wireless Pico wireless remote

##### 3-button with raise/lower

|            |                                            |
|------------|--------------------------------------------|
| Light icon | PJ2-3BRL- <del>XX</del> <sup>3</sup> -L01R |
|------------|--------------------------------------------|

##### 3-button with raise/lower with wallplate and wallbox adapter

|            |                 |
|------------|-----------------|
| Light icon | PJ2-WALL-WH-L01 |
|------------|-----------------|

#### Pico wireless remote with nightlight

##### 3-button with raise/lower

|            |                                            |
|------------|--------------------------------------------|
| Light icon | PJN-3BRL-G <del>XX</del> <sup>1</sup> -L01 |
|------------|--------------------------------------------|

## 4-button scene wireless remotes



- Light icon model offers 3 scenes and off
- Custom model offers 4 scenes and custom labeling

### Pico wireless remotes

#### 4-button scene

|            |                                          |
|------------|------------------------------------------|
| Light icon | PJ2-4B-G <del>XX</del> <sup>1</sup> -L31 |
| Custom     | PJ2-4B-G <del>XX</del> <sup>1</sup> -EL2 |

### Caséta Wireless Pico wireless remote PRO

#### 4-button scene (3-scene control)

|            |                                          |
|------------|------------------------------------------|
| Light icon | PJ2-4B- <del>XX</del> <sup>1</sup> -L31P |
|------------|------------------------------------------|

## 4-button 2-group wireless remotes



- On/off (open/close) for two groups of lights/shades

### Pico wireless remotes

#### 4-button 2-group

|            |                                          |
|------------|------------------------------------------|
| Light icon | PJ2-4B-G <del>XX</del> <sup>1</sup> -L21 |
|------------|------------------------------------------|

### Caséta Wireless Pico wireless remote PRO

#### 4-button 2-group (switch control)

|            |                                          |
|------------|------------------------------------------|
| Light icon | PJ2-4B- <del>XX</del> <sup>1</sup> -L21P |
|------------|------------------------------------------|

**~~XX~~<sup>1</sup>:** Available in Gloss White (WH), Black (BL), Ivory (IV), and Light Almond (LA)  
**~~XX~~<sup>2</sup>:** Available in Gloss White (WH) and Black (BL)

## 4-button zone wireless remotes



- On/off and raise/lower
- Light icon labeling
- Custom labeling available

### Pico wireless remotes

#### 4-button zone

|            |                                          |
|------------|------------------------------------------|
| Light icon | PJ2-4B-G <del>XX</del> <sup>1</sup> -L01 |
| Custom     | PJ2-4B-G <del>XX</del> <sup>1</sup> -EL1 |

### Caséta Wireless Pico wireless remote PRO

#### 4-button zone (dimming control)

|            |                                          |
|------------|------------------------------------------|
| Light icon | PJ2-4B- <del>XX</del> <sup>1</sup> -L01P |
|------------|------------------------------------------|

### Accessories

#### Screw-mount kit

|              |             |
|--------------|-------------|
| Mounting kit | PICO-SM-KIT |
|--------------|-------------|

Kit recommended for standalone mounting; includes screws to be used for permanent mounting and/or mounting to non-smooth surfaces.

#### Wallbox adapter

|         |                |
|---------|----------------|
| Adapter | PICO-WBX-ADAPT |
|---------|----------------|

Adapter allows the Pico wireless remote to be installed over an existing wallbox.

Adapter to be used with Claro wallplates.

#### Tabletop pedestals

|                 |                                    |
|-----------------|------------------------------------|
| Single pedestal | L-PED1- <del>XX</del> <sup>2</sup> |
| Dual pedestal   | L-PED2- <del>XX</del> <sup>2</sup> |
| Triple pedestal | L-PED3- <del>XX</del> <sup>2</sup> |
| Quad pedestal   | L-PED4- <del>XX</del> <sup>2</sup> |

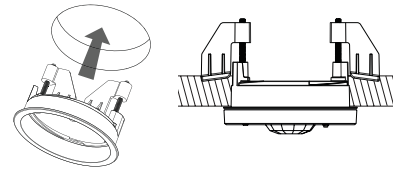
#### Car visor clip

|      |               |
|------|---------------|
| Clip | PICO-CAR-CLIP |
|------|---------------|

# Radio Powr Savr wireless occupancy/vacancy sensors



Recess mounting bracket (sold separately)



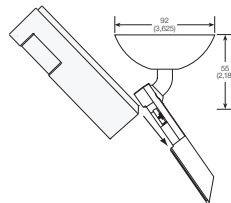
Allows ceiling-mount sensor to sit flush with ceiling

## Product family features

- Simple installation with no wiring
- Battery included; 10-year battery life design
- **Requires compatible receiving device** (sold separately)
- Communicates via Lutron reliable Clear Connect radio frequency (RF) technology to Lutron wireless devices including: GRAFIK T, PowPak plug-in, Vive Maestro Wireless, Vive PowPak, Vive wireless receptacles
- Passive infrared (PIR) with exclusive Lutron XCT technology for fine motion detection
- 360° coverage
- Timeout options include 1, 5, 15, and 30 minutes
- Multiple sensors can be added for extended coverage—refer to receiving device product specification submittals to determine system limits
- For indoor use only; temperature: 32°F–104°F (0°C–40°C)
- Mount within 60 ft (18 m) line-of-sight or 30 ft (9.1 m) through walls of the receiving devices
- Communicates at 434 MHz frequency
- Available in White (WH)
- Sensors in this section are compatible with all wireless systems except Caséta; see the Caséta section for the Caséta wireless sensor



Flexible mounting armature (sold separately)



Shown actual size: Radio Powr Savr wireless ceiling-mount and wireless wall-mount occupancy/vacancy sensor in White (WH).

## Occupancy/vacancy sensor



- Auto-on/auto-off, manual on/auto-off or auto-on low light/auto-off
- High, medium, and low sensitivity settings
- 360° field-of-view
- Recommended 8-12 ft ceilings

### Occupancy/vacancy sensor

|               |                                                   |
|---------------|---------------------------------------------------|
| Ceiling mount | LRF2-OCR2B-P-WH<br>LRF2-VCR2B-P-WH <sup>(†)</sup> |
|---------------|---------------------------------------------------|

### Accessories

|                                                    |             |
|----------------------------------------------------|-------------|
| Accessory kit                                      | L-CMDPIRKIT |
| 10 temporary mounting strips and 10 PIR lens masks |             |
| Recess-mounting bracket                            | L-CRMK-WH   |

## Occupancy/vacancy sensors



- Auto-on/auto-off, manual on/auto-off
- High, medium, and low sensitivity settings
- Wall mount: 180° field-of-view
- Corner mount: 90° field-of-view
- Hallway: Long, narrow field-of-view for deeper coverage

### Occupancy/vacancy sensors

|                      |                               |
|----------------------|-------------------------------|
| Wall mount           | LRF2-OWLB-P-WH                |
| 3000 ft <sup>2</sup> | LRF2-VWLB-P-WH <sup>(†)</sup> |
| Corner mount         | LRF2-OKLB-P-WH                |
| 2500 ft <sup>2</sup> | LRF2-VKLB-P-WH <sup>(†)</sup> |
| Hallway              | LRF2-OHLB-P-WH                |
| See below            | LRF2-VHLB-P-WH <sup>(†)</sup> |

### Accessories

|                            |            |
|----------------------------|------------|
| Flexible mounting armature | LRF-ARM-WH |
|----------------------------|------------|

### Wireless ceiling-mount sensor major motion coverage range

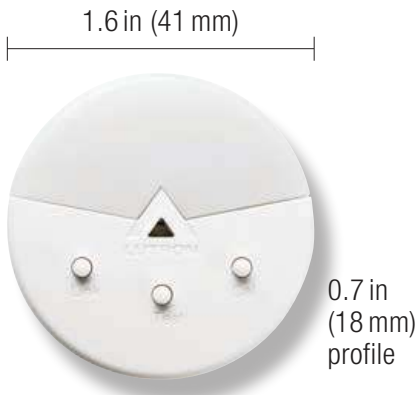
| Ceiling height | Maximum room dimensions for complete floor coverage | Square feet                                |
|----------------|-----------------------------------------------------|--------------------------------------------|
| 8 ft (2.4 m)   | 18 x 18 ft (5.5 x 5.5 m)                            | 324 ft <sup>2</sup> (30.2 m <sup>2</sup> ) |
| 9 ft (2.7 m)   | 20 x 20 ft (6.1 x 6.1 m)                            | 400 ft <sup>2</sup> (37.2 m <sup>2</sup> ) |
| 10 ft (3.0 m)  | 22 x 22 ft (6.7 x 6.7 m)                            | 484 ft <sup>2</sup> (44.9 m <sup>2</sup> ) |
| 12 ft (3.7 m)  | 26 x 26 ft (7.9 x 7.9 m)                            | 676 ft <sup>2</sup> (62.4 m <sup>2</sup> ) |

### Hallway mount major motion coverage

| Width of hall          | Length of hall  |
|------------------------|-----------------|
| 6 ft (1.6 m) or less   | 50 ft (15.2 m)  |
| 8 ft (2.4 m)           | 100 ft (30.5 m) |
| 10 ft (3.06 m) or more | 150 ft (45.7 m) |

<sup>†</sup> Vacancy-only model

## Radio Powr Savr wireless daylight sensor



Shown actual size: Radio Powr Savr wireless daylight sensor in White (WH).

### Product family features

- Simple installation with no wiring
- Battery included; 10-year battery life design
- **Requires compatible receiving device** (sold separately)
- Communicates via Lutron reliable Clear Connect radio frequency (RF) technology to Lutron wireless devices including: GRAFIK T, PowPak plug-in, Vive Maestro Wireless, and Vive PowPak
- Detects light level and relays information back to compatible RF devices
- Designed to give a linear response to changes in perceived light level
- Daylight compensation through Lutron reliable open loop proportion control
- Light range 0–1600 lx (0–150 fc)
- Limit 1 sensor per RF device; 1 sensor can be associated with up to 10 compatible RF devices
- Mount within 60 ft (18 m) line-of-sight or 30 ft (9.1 m) through walls, of the receiving devices
- Built-in test mode and temporary mounting hardware (included) allows for optimum sensor placement and coverage
- For indoor use only; temperature: 32°F–104°F (0°C–40°C)
- Communicates at 434 MHz frequency
- Available in White (WH)

## Daylight sensor



- Detects light level and relays information back to compatible radio frequency devices
- Designed to give a linear response to changes in perceived light level

### Daylight sensor

Ceiling mount

LRF2-DCRB-WH

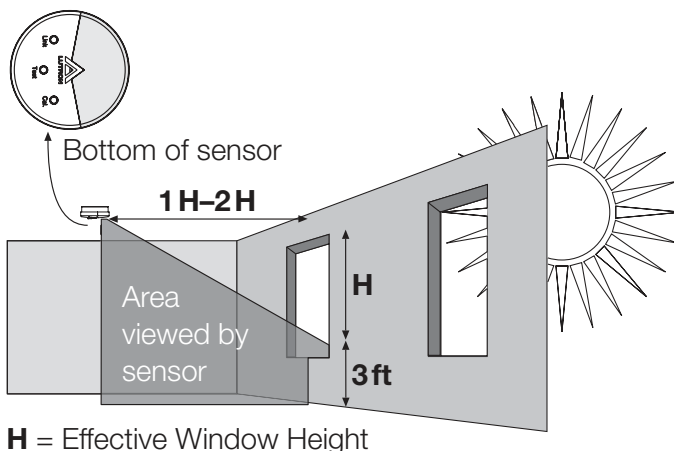
## Mounting Location

**Determine the daylight sensor mounting location using the diagram below:**

- Place the daylight sensor so the viewing area is centered on the nearest window at a distance from the window of 1 to 2 times the effective window height (H)
- The effective window height (H) starts at the window sill or 3ft (1 m) up from the floor, whichever is higher, and ends at the top of the window
- Do not position the daylight sensor in the well of a skylight or above indirect lighting fixtures
- For narrow areas where the daylight sensor cannot be placed 1 H–2 H from windows, place sensor near windows facing into space

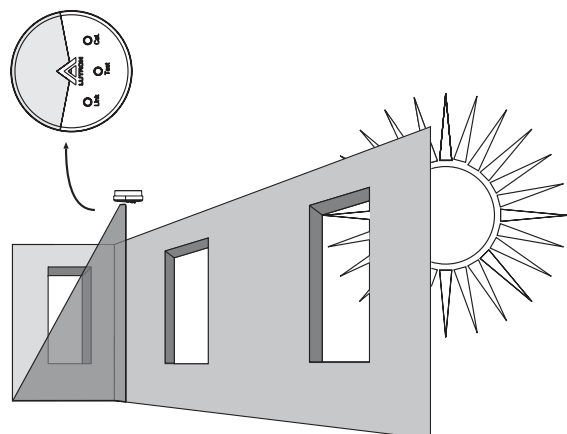
### Location for average size areas

Arrow points toward the area viewed by the sensor (toward windows)



### Location for narrow areas (corridors, private offices)

Arrow points toward the area viewed by the sensor (away from window)



## Derating Table 1

**New Architectural** | GRAFIK T, GRAFIK T phase selectable

**Architectural** | Nova T☆ LED+

**Designer** | Caséta Wireless LED+, Caséta Wireless ELV+, Caséta Wireless PRO, Diva LED+, Diva reverse-phase, Luméa LED+, Maestro LED+, Maestro LED+ sensor, Skylark LED+, Skylark reverse-phase, Skylark Contour LED+, Skylark Contour reverse-phase, Sunnata LED+, Vive Maestro Wireless LED+

**Traditional** | Ariadni LED+

Load types can be mixed on these dimmers (example: LED and incandescent); however, the total allowable wattage must be calculated based on the wattage of the combined load types and the number of fins broken on the dimmer.



## 150 W LED+ dimmers

| Total LED/CFL<br>Wattage Installed<br>(Wattage per bulb x # of bulbs) | LED<br>CFL | Maximum Allowable Incandescent/Halogen Wattage  |                |                 |
|-----------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|
|                                                                       |            | No sides removed                                                                                                                   | 1 side removed | 2 sides removed |
| 0 W                                                                   | +          | 600 W                                                                                                                              | 500 W          | 400 W           |
| 1 W – 25 W                                                            | +          | 500 W                                                                                                                              | 400 W          | 300 W           |
| 26 W – 50 W                                                           | +          | 400 W                                                                                                                              | 300 W          | 200 W           |
| 51 W – 75 W                                                           | +          | 300 W                                                                                                                              | 200 W          | 100 W           |
| 76 W – 100 W                                                          | +          | 200 W                                                                                                                              | 100 W          | 50 W            |
| 101 W – 125 W                                                         | +          | 100 W                                                                                                                              | 50 W           | 0 W             |
| 126 W – 150 W                                                         | +          | 0 W                                                                                                                                | 0 W            | 0 W             |

**Note:** There is no wattage reduction when controlling only LED or CFL.

**250 W LED+ (Ariadni, Diva, and GRAFIK T)  
and reverse-phase (Nova T☆) dimmers**

| Total LED/CFL<br>Wattage Installed<br>(Wattage per bulb x # of bulbs) | LED<br>CFL | Maximum Allowable Incandescent/Halogen Wattage  |                |                 |
|-----------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|
|                                                                       |            | No sides removed                                                                                                                     | 1 side removed | 2 sides removed |
| 0 W                                                                   | +          | 600 W                                                                                                                                | 500 W          | 400 W           |
| 1 W – 40 W                                                            | +          | 500 W                                                                                                                                | 400 W          | 300 W           |
| 41 W – 80 W                                                           | +          | 400 W                                                                                                                                | 300 W          | 200 W           |
| 81 W – 120 W                                                          | +          | 300 W                                                                                                                                | 200 W          | 100 W           |
| 121 W – 160 W                                                         | +          | 200 W                                                                                                                                | 100 W          | 50 W            |
| 161 W – 200 W                                                         | +          | 100 W                                                                                                                                | 50 W           | 0 W             |
| 201 W – 250 W                                                         | +          | 0 W                                                                                                                                  | 0 W            | 0 W             |

**Note:** There is no wattage reduction when controlling only LED or CFL.

## 250 W PRO LED+ (Maestro)

| Total LED/CFL<br>Wattage Installed<br>(Wattage per bulb x # of bulbs) | LED | Maximum Allowable Incandescent/Halogen Wattage |             |                |
|-----------------------------------------------------------------------|-----|------------------------------------------------|-------------|----------------|
|                                                                       |     | Not ganged                                     | End of gang | Middle of gang |
| 0 W                                                                   | +   | 500 W                                          | 400 W       | 300 W          |
| 1 W – 50 W                                                            | +   | 400 W                                          | 300 W       | 200 W          |
| 51 W – 100 W                                                          | +   | 300 W                                          | 200 W       | 100 W          |
| 101 W – 150 W                                                         | +   | 200 W                                          | 100 W       | 0 W            |
| 151 W – 200 W                                                         | +   | 100 W                                          | 0 W         | N/A            |
| 201 W – 250 W                                                         | +   | 0 W                                            | N/A         | N/A            |

## Derating Table 1 (continued)

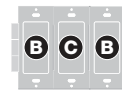
**New Architectural** | GRAFIK T LED+, GRAFIK T phase selectable

**Architectural** | Nova T☆ LED+

**Designer** | Caséta Wireless LED+, Caséta Wireless ELV+, Caséta Wireless PRO, Diva LED+, Diva reverse-phase, Luméa LED+, Maestro LED+, Maestro LED+ sensor, Skylark LED+, Skylark reverse-phase, Skylark Contour LED+, Skylark Contour reverse-phase, Sunnata LED+, Vive Maestro Wireless LED+

**Traditional** | Ariadni LED+

### 250 W LED+ (Nova T☆) and PRO dimmers



| Total LED/CFL Wattage Installed<br>(Wattage per bulb x # of bulbs) |   | Maximum Allowable Incandescent/Halogen Wattage |                |                 |
|--------------------------------------------------------------------|---|------------------------------------------------|----------------|-----------------|
|                                                                    |   | No sides removed                               | 1 side removed | 2 sides removed |
| 0 W                                                                | + | 1000 W                                         | 800 W          | 600 W           |
| 1 W – 40 W                                                         | + | 800 W                                          | 600 W          | 500 W           |
| 41 W – 80 W                                                        | + | 600 W                                          | 500 W          | 400 W           |
| 81 W – 120 W                                                       | + | 500 W                                          | 400 W          | 300 W           |
| 121 W – 160 W                                                      | + | 400 W                                          | 300 W          | 200 W           |
| 161 W – 200 W                                                      | + | 300 W                                          | 200 W          | 100 W           |
| 201 W – 250 W                                                      | + | 0 W                                            | 0 W            | 0 W             |

**Note:** There is no wattage reduction when controlling only LED or CFL.

### Phase selectable, ELV+, and reverse-phase (Diva and Skylark Contour) dimmers

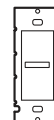
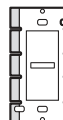
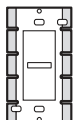
| Total LED/CFL Wattage Installed<br>(Wattage per bulb x # of bulbs) |   | Maximum Allowable Incandescent/Halogen Wattage |                |                 |
|--------------------------------------------------------------------|---|------------------------------------------------|----------------|-----------------|
|                                                                    |   | No sides removed                               | 1 side removed | 2 sides removed |
| 0 W                                                                | + | 500 W                                          | 400 W          | 300 W           |
| 1 W – 40 W                                                         | + | 400 W                                          | 300 W          | 200 W           |
| 41 W – 80 W                                                        | + | 300 W                                          | 200 W          | 100 W           |
| 81 W – 120 W                                                       | + | 200 W                                          | 100 W          | 50 W            |
| 121 W – 160 W                                                      | + | 100 W                                          | 50 W           | 25 W            |
| 161 W – 200 W                                                      | + | 50 W                                           | 0 W            | 0 W             |
| 201 W – 250 W                                                      | + | 0 W                                            | 0 W            | 0 W             |

**Note:** There is no wattage reduction when controlling only LED or CFL.

- A** = no sides removed
- B** = 1 side removed
- C** = 2 sides removed

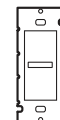
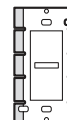
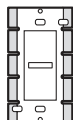
## Derating Table 2

New Architectural | GRAFIK T  
Architectural | Nova T☆



|                               | No fins broken | 1 fin broken  | 2 fins broken |
|-------------------------------|----------------|---------------|---------------|
| <b>Dimmers</b>                |                |               |               |
| <b>Incandescent</b>           |                |               |               |
| GRAFIK T                      | 500 W          | 400 W         | 300 W         |
| Nova T☆                       | 600 W          | 500 W         | 300 W         |
| GRAFIK T                      | 600 W          | 500 W         | 400 W         |
| Nova T☆ LED+                  | 1000 W         | 800 W         | 600 W         |
| Nova T                        | 1000 W         | 900 W         | 700 W         |
| Nova T☆                       | 1500 W         | 1250 W        | 1000 W        |
| Nova T☆                       | 1950 W         | N/A           | N/A           |
| <b>Magnetic low-voltage</b>   |                |               |               |
| GRAFIK T                      | 400 VA/300 W   | No derating   | No derating   |
| Nova T☆                       | 600 VA/450 W   | 500 VA/400 W  | 300 VA/200 W  |
| Nova T☆                       | 1000 VA/800 W  | 900 VA/700 W  | 700 VA/550 W  |
| Nova T☆ (277 V)               | 1000 VA/1200 W | 900 VA/1000 W | 700 VA/800 W  |
| <b>Electronic low-voltage</b> |                |               |               |
| Nova T☆                       | 300 W          | 300 W         | 250 W         |
| GRAFIK T                      | 500 W          | 400 W         | 300 W         |
| Nova T☆                       | 600 W          | 500 W         | 400 W         |

## New Architectural | GRAFIK T Architectural | Nova T☆



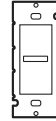
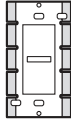
|                                      | No fins broken  | 1 fin broken | 2 fins broken |
|--------------------------------------|-----------------|--------------|---------------|
| <b>Dimmers (continued)</b>           |                 |              |               |
| <b>Dimmable LED/CFL (screw-base)</b> |                 |              |               |
| GRAFIK T                             | 150W            | No derating  | No derating   |
| GRAFIK T, Nova T☆                    | 250W            | No derating  | No derating   |
| <b>2-wire LED</b>                    |                 |              |               |
| GRAFIK T, Nova T☆                    | 10 drivers/400W | No derating  | No derating   |
| <b>3-wire LED/fluorescent</b>        |                 |              |               |
| Nova T☆                              | 6A              | No derating  | No derating   |
| Nova T☆                              | 8A              | No derating  | No derating   |
| Nova T☆                              | 16A             | No derating  | No derating   |
| <b>Tu-Wire fluorescent</b>           |                 |              |               |
| GRAFIK T                             | 3.3A            | No derating  | No derating   |
| Nova T☆                              | 5A              | 4A           | 3.3A          |
| <b>0–10V fixture</b>                 |                 |              |               |
| Nova T☆ – no power pack              | 8A/30mA         | No derating  | No derating   |
| <b>Magnetic fluorescent</b>          |                 |              |               |

|                       |      |             |             |
|-----------------------|------|-------------|-------------|
| <b>Fan controls</b>   |      |             |             |
| <b>Quiet 3-speed</b>  |      |             |             |
| Nova T☆               | 1.5A | No derating | No derating |
| <b>Fully variable</b> |      |             |             |
| Nova T☆               | 6A   | 4.2A        | 2.5A        |
| Nova T☆               | 12A  | 10A         | 8.3A        |

|                               |       |             |             |
|-------------------------------|-------|-------------|-------------|
| <b>Switches</b>               |       |             |             |
| <b>Electronic (light/fan)</b> |       |             |             |
| GRAFIK T (light/fan)          | 5A/3A | 4.2A/3A     | 3.3A/3A     |
| <b>Mechanical</b>             |       |             |             |
| Nova T☆                       | 20A   | No derating | No derating |

## Derating Table 3

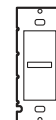
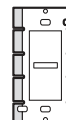
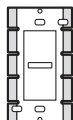
**Designer** | Caséta Wireless, Diva, Luméa, Maestro, Skylark, Skylark Contour, Sunnata, Vive Maestro Wireless



|                                                                                                                 | No fins broken | 1 fin broken | 2 fins broken |
|-----------------------------------------------------------------------------------------------------------------|----------------|--------------|---------------|
| <b>Dimmers</b>                                                                                                  |                |              |               |
| <b>Dimmable LED/CFL (screw-base)</b>                                                                            |                |              |               |
| Caséta Wireless, Diva, Luméa, Maestro, Maestro sensor, Skylark, Skylark Contour, Sunnata                        | 150 W          | No derating  | No derating   |
| Caséta Wireless, Diva, Skylark Contour                                                                          | 250 W          | No derating  | No derating   |
| Maestro PRO                                                                                                     | 250 W          | 200 W        | 150 W         |
| <b>Incandescent</b>                                                                                             |                |              |               |
| Caséta Wireless, Diva, Skylark Contour                                                                          | 500 W          | 400 W        | 300 W         |
| Caséta Wireless, Diva, Luméa, Maestro, Maestro sensor, Skylark, Skylark Contour, Sunnata, Vive Maestro Wireless | 600 W          | 500 W        | 400 W         |
| Caséta Wireless, Diva, Maestro, Skylark, Skylark Contour                                                        | 1000 W         | 800 W        | 650 W         |
| <b>Incandescent (dual dimmer)</b>                                                                               |                |              |               |
| Maestro, Skylark (light/light)                                                                                  | 300 W/300 W    | 250 W/250 W  | 200 W/200 W   |
| <b>Incandescent (dual dimmer/switch)</b>                                                                        |                |              |               |
| Maestro (light/light and fan)                                                                                   | 300 W/2.5 A    | 250 W/2 A    | 200 A/1.5 A   |
| <b>Incandescent (dual dimmer/timer)</b>                                                                         |                |              |               |
| Maestro (light/light and fan)                                                                                   | 300 W/2.5 A    | 250 W/2 A    | 200 A/1.5 A   |
| <b>Magnetic low-voltage</b>                                                                                     |                |              |               |
| Caséta Wireless                                                                                                 | 400 VA/300 W   | No derating  | No derating   |
| Diva, Maestro, Skylark, Skylark Contour, Vive Maestro Wireless                                                  | 600 VA/450 W   | 500 VA/400 W | 400 VA/300 W  |
| Caséta Wireless, Diva, Maestro                                                                                  | 1000 VA/800 W  | 800 VA/650 W | 650 VA/500 W  |
| <b>Electronic low-voltage</b>                                                                                   |                |              |               |
| Diva, Skylark, Skylark Contour                                                                                  | 300 W          | 250 W        | 200 W         |
| Caséta Wireless, Diva, Skylark Contour                                                                          | 500 W          | 400 W        | 300 W         |
| Maestro, Vive Maestro Wireless                                                                                  | 600 W          | 500 W        | 400 W         |

## Derating Table 3 (continued)

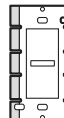
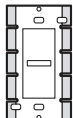
**Designer** | Caséta Wireless, Diva, Luméa, Maestro, Skylark, Skylark Contour, Sunnata, Vive Maestro Wireless



|                                         | No fins broken             | 1 fin broken               | 2 fins broken                |
|-----------------------------------------|----------------------------|----------------------------|------------------------------|
| <b>Dimmers (continued)</b>              |                            |                            |                              |
| <b>2-wire LED</b>                       |                            |                            |                              |
| Diva, Vive Maestro Wireless             | 8 drivers/350 W            | No derating                | No derating                  |
| Caséta Wireless                         | 13 drivers/520 W           | No derating                | No derating                  |
| Caséta Wireless                         | 20 drivers/400 W           | No derating                | No derating                  |
| <b>3-wire LED/fluorescent</b>           |                            |                            |                              |
| Diva                                    | 6 A                        | No derating                | No derating                  |
| Maestro                                 | 20 ballasts or drivers/6 A | 20 ballasts or drivers/5 A | 20 ballasts or drivers/3.5 A |
| Diva, Skylark                           | 8 A                        | No derating                | No derating                  |
| <b>Tu-Wire fluorescent</b>              |                            |                            |                              |
| Caséta Wireless                         | 3.3 A                      | No derating                | No derating                  |
| Caséta Wireless                         | 5 A                        | No derating                | No derating                  |
| Diva, Skylark,<br>Vive Maestro Wireless | 5 A                        | 4 A                        | 3.3 A                        |
| <b>0–10 V fixture</b>                   |                            |                            |                              |
| Diva, Maestro sensor –<br>no power pack | 8 A/50 mA                  | No derating                | No derating                  |
| Diva – power pack required              | 30 mA                      | No derating                | No derating                  |

**Derating Table 3 (continued)**

**Designer** | Caséta Wireless, Diva, Luméa, Maestro, Skylark, Skylark Contour, Sunnata, Vive Maestro Wireless

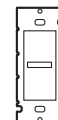
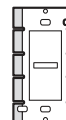
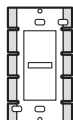


|                                | No fins broken | 1 fin broken | 2 fins broken |
|--------------------------------|----------------|--------------|---------------|
| <b>Fan controls</b>            |                |              |               |
| <b>Quiet 3-speed</b>           |                |              |               |
| Diva, Skylark, Skylark Contour | 1.5 A          | No derating  | No derating   |
| Diva, Skylark                  | 2 A            | No derating  | No derating   |
| <b>Fully variable</b>          |                |              |               |
| Skylark                        | 5 A            | 4 A          | 3 A           |

|                                              |                                |             |             |
|----------------------------------------------|--------------------------------|-------------|-------------|
| <b>Fan/light controls</b>                    |                                |             |             |
| <b>Quiet 3-speed</b>                         |                                |             |             |
| Skylark (fan/light)                          | 1.5 A/300 W (Inc)              | No derating | No derating |
| Diva (fan/light)                             | 1.5 A/2 A (Inc), 1 A (LED/CFL) | No derating | No derating |
| Skylark (fan/light)                          | 1.5 A/3 A                      | No derating | No derating |
| <b>Fully variable</b>                        |                                |             |             |
| Skylark (fan/light)                          | 2.5 A/300 W (Inc)              | 2.1 A/250 W | 1.7 A/200 W |
| <b>Switches</b>                              |                                |             |             |
| <b>Electronic</b>                            |                                |             |             |
| Maestro sensor                               | 2 A                            | No derating | No derating |
| Maestro sensor (light/fan)                   | 5 A/3 A                        | No derating | No derating |
| Caséta Wireless (light/fan)                  | 5 A/3 A                        | 4 A/3 A     | 3 A/3 A     |
| Maestro                                      | 6 A                            | 5 A         | 3.5 A       |
| Maestro PIR sensor (light/fan)               | 6 A/3 A                        | No derating | No derating |
| Vive Maestro Wireless (light/fan)            | 6 A/3 A                        | 5 A/3 A     | 3.5 A/3 A   |
| Caséta Wireless (light/fan)                  | 6 A/3.6 A                      | 6 A/3.6 A   | 5 A/3.6 A   |
| Maestro DT sensor (light/fan)                | 6 A/4.4 A                      | No derating | No derating |
| Maestro (light/fan)                          | 8 A/3 A                        | 6.25 A/3 A  | 5 A/3 A     |
| Vive Maestro Wireless (120–277 V, light/fan) | 8 A/3 A                        | 8 A/3 A     | 7 A/3 A     |
| <b>Dual switch/switch</b>                    |                                |             |             |
| Maestro sensor (light/fan/light/fan)         | 6 A/4.4 A/6 A/4.4 A            | No derating | No derating |
| <b>Timers</b>                                |                                |             |             |
| Maestro (light/fan)                          | 5 A/3 A                        | 4 A/3 A     | 3 A/3 A     |

## Derating Table 4

**Traditional** | Ariadni, Rotary

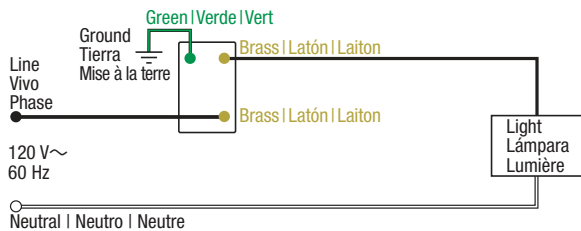


|                                      | No fins broken    | 1 fin broken | 2 fins broken |
|--------------------------------------|-------------------|--------------|---------------|
| <b>Dimmers</b>                       |                   |              |               |
| <b>Dimmable LED/CFL (screw-base)</b> |                   |              |               |
| Ariadni                              | 150 W             | No derating  | No derating   |
| Ariadni                              | 250 W             | No derating  | No derating   |
| <b>Incandescent</b>                  |                   |              |               |
| Ariadni, Rotary                      | 600 W             | 500 W        | 400 W         |
| Ariadni                              | 1000 W            | 800 W        | 650 W         |
| <b>Magnetic low-voltage</b>          |                   |              |               |
| Ariadni                              | 600 VA/450 W      | 500 VA/400 W | 400 VA/300 W  |
| <b>2-wire LED</b>                    |                   |              |               |
| Ariadni                              | 8 drivers/350 W   | No derating  | No derating   |
| <b>3-wire LED/fluorescent</b>        |                   |              |               |
| Ariadni                              | 6 A               | No derating  | No derating   |
| Ariadni                              | 8 A               | No derating  | No derating   |
| <b>Fan controls</b>                  |                   |              |               |
| <b>Quiet 3-speed</b>                 |                   |              |               |
| Ariadni, Rotary                      | 1.5 A             | No derating  | No derating   |
| <b>Fully variable</b>                |                   |              |               |
| Rotary                               | 5 A               | 4 A          | 3 A           |
| <b>Fan/light controls</b>            |                   |              |               |
| <b>Quiet 3-speed</b>                 |                   |              |               |
| Ariadni (fan/light)                  | 1.5 A/300 W (Inc) | No derating  | No derating   |

# Wiring diagrams

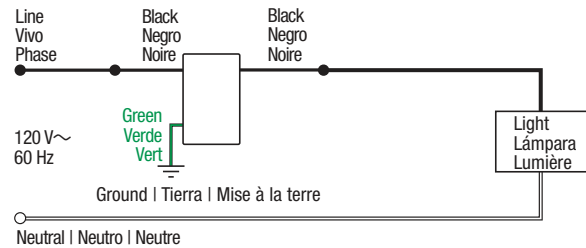
## Wiring diagram #1

Dimmer with Two Brass Screws  
in a Single-Pole Application



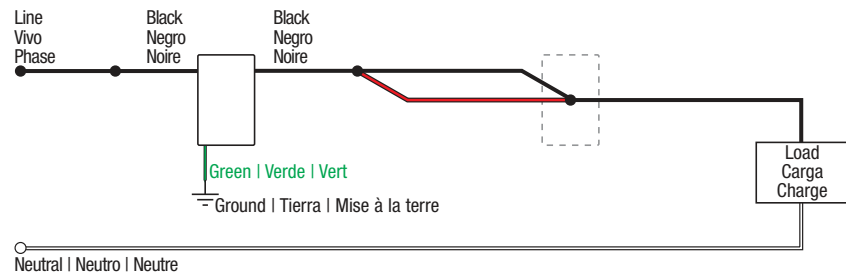
## Wiring diagram #2

Dimmer with Two Black Wires  
in a Single-Pole Application



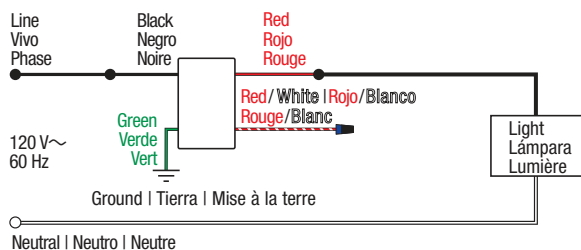
## Wiring diagram #3

Caséta Dimmer with Two Black Wires in  
a 3-Way Application with a Pico Remote



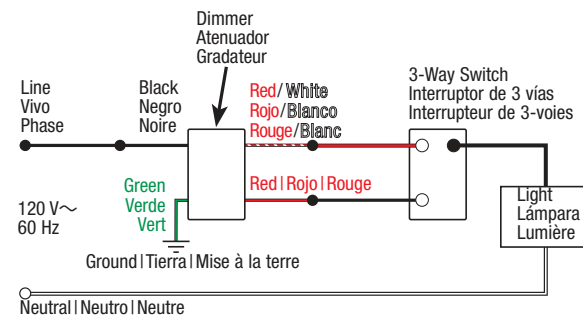
## Wiring diagram #4

Dimmer with One Black Wire and Two Red Wires  
in a Single-Pole Application



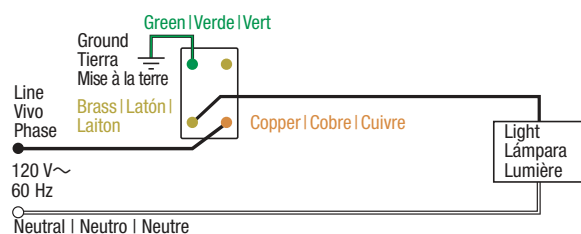
## Wiring diagram #5

Dimmer with One Black Wire and two Red Wires  
in a 3-Way Application



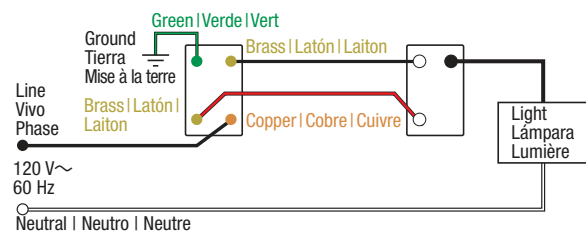
## Wiring diagram #6

Dimmer with One Copper Screw and  
Two Brass Screws in a Single-Pole Application



## Wiring diagram #7

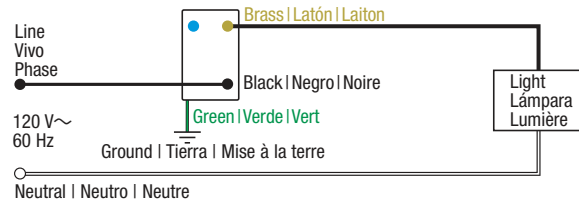
Dimmer with One Copper Screw and  
Two Brass Screws in a 3-Way Application



For a full list of wiring diagrams, please visit [lutron.com/wiringwizard](http://lutron.com/wiringwizard)

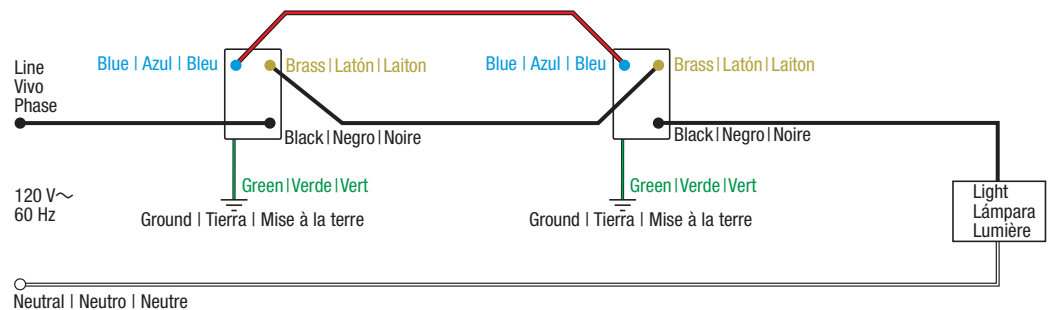
## Wiring diagram #8

Dimmer with One Black Screw, One Brass Screw, and One Blue Screw in a Single-Pole Application



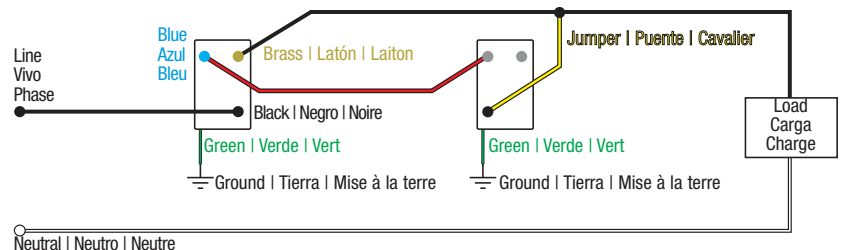
## Wiring diagram #9

Dimmer with One Black Screw, One Brass Screw, and One Blue Screw in a 3-Way Application with a Companion Dimmer



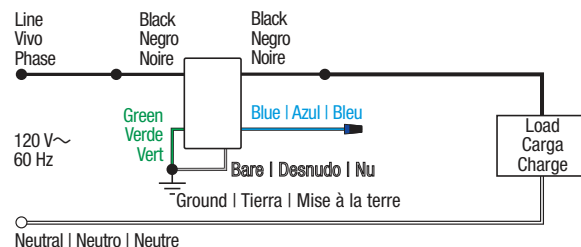
## Wiring diagram #10

Dimmer with One Black Wire and Two Red Wires in a Single-Pole Application



## Wiring diagram #11

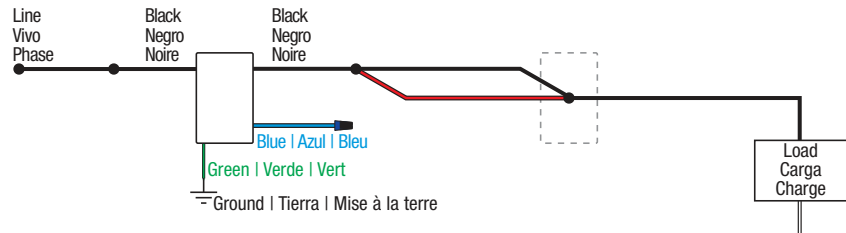
Switch with Two Black Wires and One Blue Wire in a Single-Pole Application



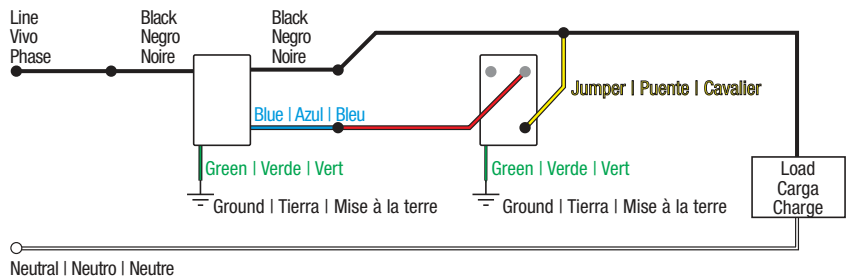
For a full list of wiring diagrams, please visit [lutron.com/wiringwizard](http://lutron.com/wiringwizard)

**Wiring diagram #12**

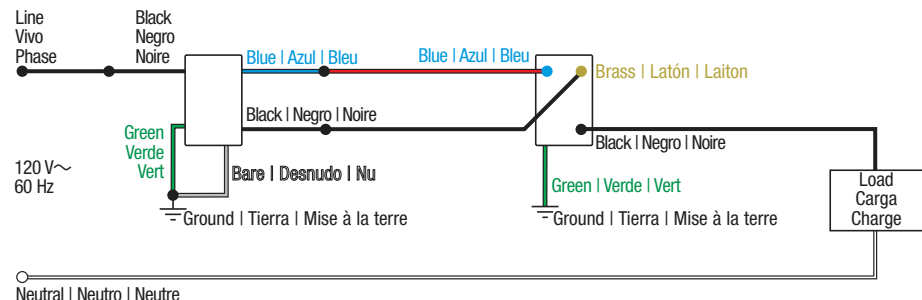
Caséta Wireless Switch with Two Black Wires and One Blue Wire in a 3-Way Application with a Pico Remote

**Wiring diagram #13**

Switch with Two Black Wires and One Blue Wire in a 3-Way Application with a Mechanical Switch

**Wiring diagram #14**

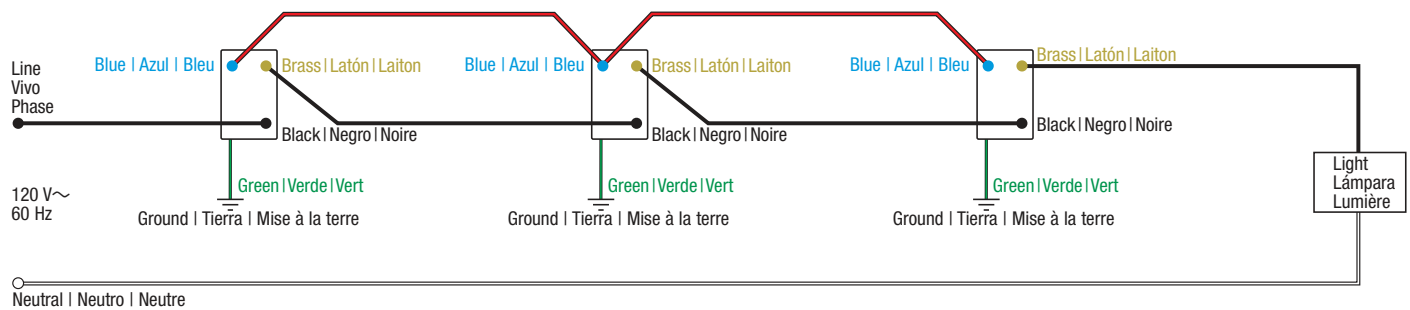
Sensor Switch with Two Black Wires and One Blue Wire in a 3-Way Application with a Companion Switch



For a full list of wiring diagrams, please visit [lutron.com/wiringwizard](https://lutron.com/wiringwizard)

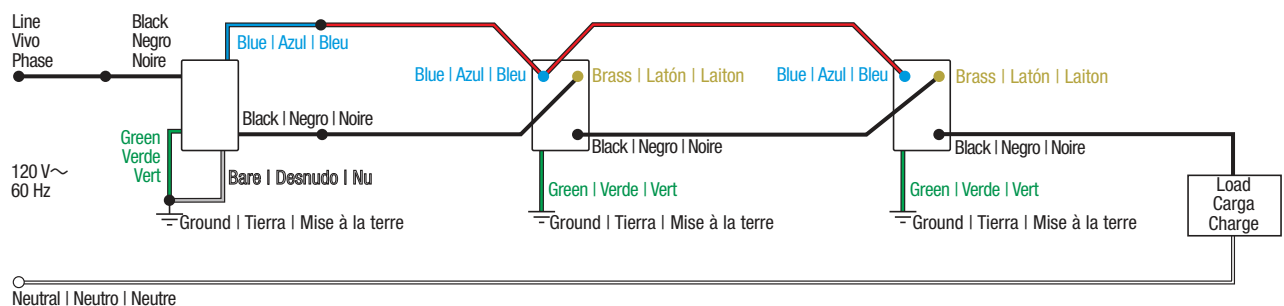
## Wiring diagram #15

Dimmer with One Black Screw, One Brass Screw, and One Blue Screw in a 4-Way Application with Two Companion Dimmers



## Wiring diagram #16

Sensor Switch with Two Black Wires and One Blue Wire in a 4-Way Application with Two Companion Switches



For a full list of wiring diagrams, please visit [lutron.com/wiringwizard](http://lutron.com/wiringwizard)

|                |            |              |            |                  |         |                 |             |                |             |
|----------------|------------|--------------|------------|------------------|---------|-----------------|-------------|----------------|-------------|
| AY-103P        | pg. 50     | CON-1P-C6    | pg. 45, 75 | DVSCF-103P       | pg. 27  | GT-5ANSM-WH     | pg. 61      | LTR-F15-TR     | pg. 65      |
| AY-103PNL      | pg. 50     | CT-103P      | pg. 33     | DVSCF-103P-277   | pg. 27  | GT-5NEM-WH      | pg. 60      | LTR-F15-UBTR   | pg. 65      |
| AY-10P         | pg. 50     | CTCL-150H    | pg. 32     | DVSCFSQ-F        | pg. 29  | GT-AD-WH        | pg. 61      | LTR-F20-TR     | pg. 65      |
| AY-10PNL       | pg. 50     | CTCL-153P    | pg. 32     | DVSCFSQ-LF       | pg. 29  | GTJ-150-WH      | pg. 60      | LWT-G          | pg. 64      |
| AY2-LFSQ       | pg. 51     | CTELV-303P   | pg. 33     | DVSCFTU-5A3P     | pg. 27  | GTJ-250M-WH     | pg. 60      | LWT-GG         | pg. 64      |
| AYCL-153P      | pg. 50     | CTFSQ-F      | pg. 33     | DVSCLV-103P      | pg. 26  | GTJ-5ANSM-WH    | pg. 61      | LWT-GGG        | pg. 64      |
| AYCL-253P      | pg. 50     | CTRP-253P    | pg. 32     | DVSCLV-10P       | pg. 26  | GTJ-5NEM-WH     | pg. 60      | LWT-GGGG       | pg. 64      |
| AYF-103P       | pg. 50     | CW-1         | pg. 44     | DVSCLV-600P      | pg. 26  | H-MOUNT-SM      | pg. 97      | LWT-GT         | pg. 65      |
| AYF-103P-277   | pg. 50     | CW-2         | pg. 44     | DVSCLV-603P      | pg. 26  | HJS-0-FM        | pg. 97      | LWT-TG         | pg. 65      |
| AYFSQ-F        | pg. 51     | CW-3         | pg. 44     | DVSCR-253P       | pg. 26  | HJS-1-FM        | pg. 97      | LWT-U-P        | pg. 64      |
| AYLV-600P      | pg. 50     | CW-4         | pg. 44     | DVSCSTV          | pg. 27  | HJS-1-SM        | pg. 97      | LWT-U-PP       | pg. 64      |
| AYLV-603P      | pg. 50     | CW-5         | pg. 44     | DVSCTV           | pg. 27  | HJS-2-FM        | pg. 97      | LWT-U-PPP      | pg. 64      |
| CA-1PS         | pg. 28     | CW-6         | pg. 44     | DVSTV            | pg. 27  | HJS-2-SM        | pg. 97      | LWT-U-PPPP     | pg. 64      |
| CA-1PSNL       | pg. 28     | D-600PH-DK   | pg. 55     | DVTV             | pg. 27  | L-BDG2-WH       | pg. 91      | MA-1000        | pg. 16      |
| CA-3PS         | pg. 28     | D-603PH-DK   | pg. 55     | ETH-SWITCH-16    | pg. 97  | L-BDGPRO2-WH    | pg. 91      | MA-AS          | pg. 17, 101 |
| CA-3PSNL       | pg. 28     | DNG-600PH-DK | pg. 55     | ETH-SWITCH-24    | pg. 97  | L-BDGPRO-PKG3AW | pg. 91      | MA-L3L3        | pg. 18      |
| CA-4PS         | pg. 28     | DNG-603PH-DK | pg. 55     | ETH-SWITCH-24-1M | pg. 97  | L-CMDPIRKIT     | pg. 113     | MA-L3S25       | pg. 18      |
| CA-4PSNL       | pg. 28     | DV-103P      | pg. 26     | ETH-SWITCH-24-1S | pg. 97  | L-CRMK-WH       | pg. 113     | MA-L3T251      | pg. 19      |
| CA-6PF         | pg. 45     | DV-10P       | pg. 26     | ETH-SWITCH-24-2M | pg. 97  | LECL-153PH      | pg. 35      | MA-PRO         | pg. 16      |
| CA-CJ          | pg. 44     | DVCL-153P    | pg. 26     | ETH-SWITCH-24-2S | pg. 97  | LEFSQ-FH        | pg. 35      | MA-R           | pg. 17, 101 |
| CA-PJ          | pg. 44     | DVCL-253P    | pg. 26     | FCJS-010         | pg. 105 | LFGR-1          | pg. 74      | MA-S8AM        | pg. 17      |
| CAR-15         | pg. 45     | DVELV-300P   | pg. 26     | FCJS-010-BULK8   | pg. 105 | LFGR-2          | pg. 74      | MA-T51MN       | pg. 17      |
| CAR-15-DDTR    | pg. 46     | DVELV-303P   | pg. 26     | FCJS-010-EM      | pg. 105 | LFGR-3          | pg. 74      | MACL-153M      | pg. 16      |
| CAR-15-GFST    | pg. 46     | DVF-103P     | pg. 27     | FCJS-ECO         | pg. 104 | L-PED1          | pg. 89, 111 | MACL-LFQ       | pg. 19      |
| CAR-15-HDTR    | pg. 46     | DVF-103P-277 | pg. 27     | FCJS-ECO-BULK8   | pg. 104 | L-PED2          | pg. 89, 111 | MAELV-600      | pg. 16      |
| CAR-15-UBTR    | pg. 45     | DVFSQ-F      | pg. 29     | FCJS-ECO-EM      | pg. 104 | L-PED3          | pg. 89, 111 | MALV-1000      | pg. 16      |
| CAR-20-DDTR    | pg. 46     | DVFSQ-F-HO   | pg. 29     | FC-SENSOR        | pg. 105 | L-PED4          | pg. 89, 111 | MALV-600       | pg. 16      |
| CAR-20-HDTR    | pg. 46     | DVFSQ-LF     | pg. 29     | FC-VSENSOR       | pg. 105 | LRF2-DCRB-WH    | pg. 115     | MRF2-15APS-1   | pg. 79      |
| CAR2S-15-DTR   | pg. 107    | DVFTU-5A3P   | pg. 27     | FG-1             | pg. 57  | LRF2-OCR2B-P-WH | pg. 113     | MRF2-15APS-3   | pg. 79      |
| CAR2S-15-STR   | pg. 107    | DVLV-103P    | pg. 26     | FG-2             | pg. 57  | LRF2-OHLB-P-WH  | pg. 113     | MRF2-3PD-1     | pg. 79      |
| CAR2S-20-DTR   | pg. 107    | DVLV-10P     | pg. 26     | FG-2-TD          | pg. 57  | LRF2-OKLB-P-WH  | pg. 113     | MRF2-3PD-3     | pg. 79      |
| CAR2S-20-STR   | pg. 107    | DVLV-600P    | pg. 26     | FG-3             | pg. 57  | LRF2-OWLB-P-WH  | pg. 113     | MRF2S-1S8A-1OC | pg. 100     |
| CARS-15-TR     | pg. 45     | DVLV-603P    | pg. 26     | FS-5FH-DK        | pg. 55  | LRF2-VCR2B-P-WH | pg. 113     | MRF2S-1S8A-1OH | pg. 100     |
| CON-1B-WH      | pg. 45, 75 | DVRP-253P    | pg. 26     | FSQ-2F-DK        | pg. 55  | LRF2-VHLB-P-WH  | pg. 113     | MRF2S-1S8A-1OK | pg. 100     |
| CON-1C         | pg. 45, 75 | DVSC-103P    | pg. 26     | FW-1-SS          | pg. 57  | LRF2-VKLB-P-WH  | pg. 113     | MRF2S-1S8A-1OW | pg. 100     |
| CON-1F-LC-WH   | pg. 45, 75 | DVSC-10P     | pg. 26     | FW-2-SS          | pg. 57  | LRF2-VWLB-P-WH  | pg. 113     | MRF2S-1S8A-1VC | pg. 100     |
| CON-1F-MTRJ-WH | pg. 45, 75 | DVSCCL-153P  | pg. 26     | FW-2-TD-SS       | pg. 57  | LRF-ARM-WH      | pg. 113     | MRF2S-2S8A-1OW | pg. 100     |
| CON-1F-SC-WH   | pg. 45, 75 | DVSCCL-253P  | pg. 26     | FW-3-SS          | pg. 57  | LTR-15-TR       | pg. 65      | MRF2S-6ANS     | pg. 100     |
| CON-1F-ST-WH   | pg. 45, 75 | DVSCCLV-300P | pg. 26     | GT-150-WH        | pg. 60  | LTR-15-UBTR     | pg. 65      | MRF2S-6CL      | pg. 100     |
| CON-1P-C5E     | pg. 45, 75 | DVSCCLV-303P | pg. 26     | GT-250M-WH       | pg. 60  | LTR-20-TR       | pg. 65      | MRF2S-6ELV120  | pg. 100     |

|                |             |               |        |                   |             |                 |            |              |        |
|----------------|-------------|---------------|--------|-------------------|-------------|-----------------|------------|--------------|--------|
| MRF2S-6ND-120  | pg. 100     | NT-CJ         | pg. 75 | P-PKG1P-WH        | pg. 86      | RMJS-8T-DV-B-EM | pg. 103    | SCRS-15-TR   | pg. 45 |
| MRF2S-8ANS-120 | pg. 100     | NTCL-250      | pg. 68 | P-PKG1WS-WH       | pg. 86      | RMJS-8TN-DV-B   | pg. 103    | SCRS-20-TR   | pg. 45 |
| MRF2S-8SD010   | pg. 101     | NTELV-300     | pg. 69 | PD-10NXD          | pg. 87      | RMJS-CCO1-24-B  | pg. 104    | SELV-300P    | pg. 39 |
| MRF2S-8S-DV    | pg. 100     | NTELV-600     | pg. 69 | PD-15OUT-B        | pg. 89      | RMJS-ECO32-SZ   | pg. 103    | SELV-303P    | pg. 39 |
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