Volume 1
Basic devices and single-space systems

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

LUTRON
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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

**Designer product families**

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

### Traditional wallplate

**Traditional product families**

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

### New Architectural wallplate

**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 wallplate

**Architectural product families**

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

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<th>Dimmers</th>
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### Traditional style

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See spec sheet for exact amount of drivers at lutron.com/hilumeled.
### Architectural style

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>Voltage</th>
<th>Maximum wattage (see product pages for details)</th>
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<tr>
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<th>Caseta Wireless</th>
<th>Vive Maestro Wireless</th>
<th>Vive PowPak (remote)</th>
<th>Vive PowPak (in-fixture)</th>
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</table>
### 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

**Use only dimmer model numbers listed.**

- Visit lutron.com/ledtool for a recommended list of dimmable LED (screw-base) bulbs.
- Dual 120/277V model given, 120V-only versions are also available.

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#### Dimmer models/load interface compatibility

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<tr>
<th>Dimmer Family</th>
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<th>3-way or multi-location</th>
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</tbody>
</table>

**Use only dimmer model numbers listed.**

- Visit lutron.com/ledtool for a recommended list of dimmable LED (screw-base) bulbs.
- Dual 120/277V model given, 120V-only versions are also available.

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#### 3-way LED drivers or fluorescent ballasts (120/277V)

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</tbody>
</table>

**Use only dimmer model numbers listed.**

- Visit lutron.com/ledtool for a recommended list of dimmable LED (screw-base) bulbs.
- Dual 120/277V model given, 120V-only versions are also available.
Sunnata touch dimmer

**Product family features**

- Touch or swipe the light bar to set your lights with the Sunnata touch dimmer, the next generation in design and technology.
- LED+ model includes 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 for more information.
- Coordinating Claro and Stainless Steel wallplates available separately.
- All models must be derated unless otherwise noted. Visit lutron.com/multigang for more information.
- Visit lutron.com/sunnata to learn more.

**Direct load type compatibility**

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

Lighting load interfaces are not compatible with this family.

**Control types**

- Single-pole (1 location)
- 3-way (2 locations)

**Available finishes**

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

**Gloss**

- **WH** White
- **LA** Light Almond
- **IV** Ivory
- **BL** Black
- **SS** Stainless Steel

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

**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.
- Works with existing wiring; no neutral required.

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

- **Incandescent/halogen dimmer**

- LED+ touch dimmer
  - 3-way/ single-pole
  - STCL-153P-**XX**
  - 120 V 150 W (LED/CFL), 600 W (Inc)

Visit lutron.com/LEDfinder for our online compatibility tool.

Adjustable low-end trim.

**XX**: Gloss colors code
Wallplates not included. Order separately.

* Works with a standard mechanical 3-way switch.
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 Colors, and Stainless Steel wallplates only available separately
- All models must be derated unless otherwise noted.

Visit 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/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)
- Multi-location (up to 10 locations)

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
SW Snow
LS Limestone
BI Biscuit
ES Eggshell
PD Palladium
TP Taupe
ST Stone
BG Bluestone
PL Plum
GS Goldstone
DS Desert Stone
GB Streetbriar
MS Mocha Stone
TC Terracotta
SI Sienna
HT Hot
MR Merlot
MN Midnight
SS Stainless Steel

Satin Colors

LA Light Almond
AL Almond
IV Ivory
GR Gray
BR Brown
BL Black
SW Snow
LS Limestone
BI Biscuit
ES Eggshell
PD Palladium
TP Taupe
ST Stone
BG Bluestone
PL Plum
GS Goldstone
DS Desert Stone
GB Streetbriar
MS Mocha Stone

Damaged finishes

- Damaged finishes: CR Cracked Red
- Damaged finishes: RFT Rusted Finish

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

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

2.94 in (75 mm)

4.69 in (119 mm)

.S30 in (7.6 mm) profile
Maestro dimmers, switches, fan controls, and timers

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

Magnetic low-voltage dimmers
Digital fade dimmers
- Multi-location/single-pole MA-PRO-XX1
- 120V 250W (LED), 500W (Inc/ELV), 400VA (MLV)
Visit lutron.com/LEDfinder for our online compatibility tool.
Adjustable low-end trim.

Digital fade LED+ dimmer
- Multi-location/3-way single-pole MA-PRO-XX2
- 120V 150W (LED/CFL), 600W (Inc)
Visit lutron.com/LEDfinder for our online compatibility tool.
Adjustable low-end trim.

Electronic low-voltage dimmers
Digital fade dimmers
- Multi-location/single-pole MAELV-600-XX1
- 120V 600W

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

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

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

Dimmable LED/CFL (screw-base) dimmer

Incandescent/halogen dimmers
- Electronic switches
- Multi-location/single-pole MA-S8AM-XX1
- 120V 8 A light, 3 A fan
MSC-S8AM-XX3

Magnetic low-voltage dimmers
Digital fade dimmers
- Multi-location/single-pole MALV-600-XX1
- 120V 600VA (450W)
MALV-600M-XX3
- Multi-location/single-pole MALV-1000-XX1
- 120V 1000VA (800W)
MALV-1000M-XX3

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

That's all the information provided in this page.
**Maestro dimmers, switches, fan controls, and timers**

**Dual digital-fade dimmer**

- **Dimmers (top/bottom)**
  - Replacement for stacked switches
  - Tap on to preset light level; tap off
  - Tap twice for full on
  - Single location only
  - Dimmer advanced programming features available

- **Incandescent/halogen dimmer and incandescent/halogen dimmer**
  - Dual digital fade dimmer (two loads)
    - Single-pole MA-L3L3-XX
    - 120 V 300 W dimmer (top)
    - Incandescent/halogen
    - 120 V 300 W dimmer (bottom)
    - Incandescent/halogen

**Incandescent/halogen dimmer and switch**

- **Dual digital fade dimmer/electronic switch (two loads)**
  - Dimmer (top)
    - Replacement for stacked switches
    - Tap on to preset light level; tap off
    - Tap twice for full on
    - Dimmer advanced programming features available
  - Switch (bottom)
    - Tap switch on/off
    - Single location only

**Fan/light controls**

- **Fan/light controls – quiet 4-speed**
  - Single-pole MA-CL-LFQ-XX
  - 120V 1.5A fan
  - 120V 75W LED/CFL
  - 250W Incandescent/halogen
  - Visit lutron.com/LEDfinder for our online compatibility tool.
  - Adjustable low-end trim.

**XX**: Gloss and Satin color codes
Wallplates not included. Order separately.

**XX**: Gloss and Satin color codes
Wallplates not included. Order separately.
Maestro sensors

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 Colors and Stainless Steel wallplates only available separately
- All models must be derated unless otherwise noted. Visit 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**
- LED lighting
- Incandescent/halogen lighting
- Magnetic low-voltage lighting
- Electronic low-voltage lighting
- Fluorescent lighting

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 Colors**
- SW Snow
- LS Limestone
- BI Biscuit
- ES Eggshell
- PD Palladium
- TP Taupe
- ST Stone
- BG Bluestone
- PL Plum
- GS Goldstone
- DS Desert Stone
- GB Greenbriar
- MS Mocha Stone

**Metal wallplate**
- TC Terracotta
- SI Sienna
- HT Hot
- MR Merlot
- MN Midnight
- SS Stainless Steel

* Stainless Steel metal wallplate only available separately and includes black plastic trim/adapter visible from side. Match with separate Black (BL) or Midnight (MN) controls.
## Dimmer sensors
- Passive infrared (PIR) sensor with Lutron exclusive XCT technology

## 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**

| Single-pole | MS-OPS2-XX |
| 120 V 2 A lighting | MS-OPS3M-XX |
| Multi-location/3-way**/single-pole | MS-OPS6M2-DV-XX |
| 120–277 V 6 A lighting, 3 A fan (1/10 HP) | MS-OPS6M2-DV-XX |

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

| Single-pole | MS-A102-XX |
| 120–277 V 6 A lighting, 4.4 A fan (1/6 HP) @ 120 V only | MS-A102-V-XX |
| Multi-location 3-way**/single-pole** | MS-B102-XX |
| 120–277 V 6 A lighting, 4.4 A fan (1/6 HP) @ 120 V only | MS-B102-V-XX |

## Dual-circuit sensor switches
- 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**

| Single-pole | MS-OPS6-DDV-XX |
| 120–277 V 6 A lighting, 4.4 A fan (1/6 HP) @ 120 V only per circuit | MS-OPS6-DDV-XX |

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

| Single-pole | MS-A202-XX |
| 120–277 V 6 A lighting, 4.4 A fan (1/6 HP) 120 V only per circuit | MS-A202-XX |
| Multi-location/3-way**/single-pole** | MS-B202-XX |
| 120–277 V 6 A lighting, 4.4 A fan (1/6 HP) 120 V only per circuit | MS-B202-XX |

## Dual-circuit sensor switches (two loads)

### Switches
**Dual-circuit PIR occupancy sensor switch**

| Single-pole | MS-OPS6-DDV-XX |
| 120–277 V 6 A lighting, 4.4 A fan (1/6 HP) @ 120 V only per circuit | MS-OPS6-DDV-XX |

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

| Single-pole | MS-A202-XX |
| 120–277 V 6 A lighting, 4.4 A fan (1/6 HP) 120 V only per circuit | MS-A202-XX |
| Multi-location/3-way**/single-pole** | MS-B202-XX |
| 120–277 V 6 A lighting, 4.4 A fan (1/6 HP) 120 V only per circuit | MS-B202-XX |

---

*Vacancy-only model
† Works with standard mechanical 3-way switch
‡ Requires neutral wire connection
§ Neutral wire and ground connection available, one required

XX1: Gloss and Satin color codes
Wallplates not included. Order separately.

XX2: Gloss and Satin color codes
Wallplates not included. Order separately.
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 Colors, and Stainless Steel wallplates only available separately
- All models must be derated unless otherwise noted. Visit 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: DV-600P-BR)

Gloss

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

Satin Colors

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

Metal wallplate*

<table>
<thead>
<tr>
<th>Finish</th>
<th>Code</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bluestone</td>
<td>BG</td>
<td></td>
</tr>
<tr>
<td>Plum</td>
<td>PL</td>
<td></td>
</tr>
<tr>
<td>Goldstone</td>
<td>GS</td>
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<td>Desert Stone</td>
<td>DS</td>
<td></td>
</tr>
<tr>
<td>Greenbriar</td>
<td>GB</td>
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<tr>
<td>Mocha Stone</td>
<td>MS</td>
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</tr>
<tr>
<td>Terracotta</td>
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<tr>
<td>Sienna</td>
<td>SI</td>
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<td>Hot</td>
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</tr>
<tr>
<td>Merlot</td>
<td>MR</td>
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</tr>
<tr>
<td>Midnight</td>
<td>MN</td>
<td></td>
</tr>
<tr>
<td>Stainless Steel</td>
<td>SS</td>
<td></td>
</tr>
</tbody>
</table>

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

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

Dimmers

- Dimmers
  - LED+ dimmers
    - 3-way/single-pole: DVCL-153P-XX
      - 120 V 150 W (LED/CFL), DVSCCL-153P-XX
    - 3-way/single-pole: DVCL-253P-XX
      - 120 V 250 W (LED/CFL), DVSCCL-253P-XX
    - 3-way/single-pole: DVRP-253P-XX
      - 120 V 250 W (LED/CFL), DVSCRP-253P-XX
    - 3-way/single-pole: DVRP-253P-277
      - 120 V 250 W (LED/CFL), DVSCRP-253P-277
  - Magnetic low-voltage dimmers
    - 3-way/single-pole: DVLV-600P-XX
      - 120 V 600 VA (450 W)
    - 3-way/single-pole: DVLV-10P-XX
      - 120 V 1000 VA (800 W)
  - Electronic low-voltage dimmers
    - 3-way/single-pole: DVTV-XX
      - 120–277 V 8 A
    - 3-way/single-pole: DVSTV-XX
      - 120–277 V 8 A
    - 3-way/single-pole: DVTV
      - 120–277 V 8 A
    - 3-way/single-pole: DVSTV
      - 120–277 V 8 A

Incandescent/halogen dimmers

- Dimmers
  - Single-pole: DV-600P
    - 120 V 600 W
  - Single-pole: DV-600P
    - 120 V 600 W
  - Single-pole: DV-10P
    - 120 V 1000 W
  - Single-pole: DV-10P
    - 120 V 1000 W
  - 3-way: DV-603P
    - 120 V 600 W
  - 3-way: DV-603P
    - 120 V 600 W
  - 3-way: DV-103P
    - 120 V 1000 W
  - 3-way: DV-103P
    - 120 V 1000 W

Electronic low-voltage dimmers

- Single-pole: DVELV-300P
  - 120 V 300 W
- Single-pole: DVELV-300P
  - 120 V 300 W
- 3-way: DVELV-303P
  - 120 V 300 W
- 3-way: DVELV-303P
  - 120 V 300 W

Magnetic low-voltage dimmers

- Single-pole: DVLV-600P
  - 120 V 600 VA (450 W)
- Single-pole: DVLV-10P
  - 120 V 1000 VA (800 W)
- 3-way: DVLV-603P
  - 120 V 600 VA (450 W)
- 3-way: DVLV-603P
  - 120 V 600 VA (450 W)
- 3-way: DVLV-103P
  - 120 V 1000 VA (800 W)
- 3-way: DVLV-103P
  - 120 V 1000 VA (800 W)

Electronic low-voltage dimmers

- Single-pole: DVELV-300P
  - 120 V 300 W
- Single-pole: DVELV-300P
  - 120 V 300 W
- 3-way: DVELV-303P
  - 120 V 300 W
- 3-way: DVELV-303P
  - 120 V 300 W

LED+ dimmers

- 3-way/single-pole: DVCL-153P-XX
  - 120 V 150 W (LED/CFL), DVSCCL-153P-XX
- 3-way/single-pole: DVCL-253P-XX
  - 120 V 250 W (LED/CFL), DVSCCL-253P-XX
- 3-way/single-pole: DVCL-253P-XX
  - 120 V 250 W (LED/CFL), DVSCCL-253P-XX
- 3-way/single-pole: DVCL-253P-XX
  - 120 V 250 W (LED/CFL), DVSCCL-253P-XX
- 3-way/single-pole: DVCL-253P-XX
  - 120 V 250 W (LED/CFL), DVSCCL-253P-XX

Reverse-phase dimmers*

- 3-way/single-pole: DVRP-253P-XX
  - 120 V 250 W (LED/CFL), DVSCRP-253P-XX
- 3-way/single-pole: DVRP-253P-XX
  - 120 V 250 W (LED/CFL), DVSCRP-253P-XX
- 3-way/single-pole: DVRP-253P-XX
  - 120 V 250 W (LED/CFL), DVSCRP-253P-XX

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

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

XX1: Gloss color codes
XX2: Satin color codes
Wallplates not included. Order separately.

* Requires neutral wire connection

Tu-Wire fluorescent ballast dimmers

- Dimmers
  - 3-way/single-pole: DVF-103P
    - 120 V 8 A
  - 3-way/single-pole: DVF-103P
    - 277 V 6 A

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

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

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

- Dimmers
  - 3-way/single-pole: DVSTV-XX
    - 120–277 V 8 A
  - 50 mA 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: DVT
    - 30 mA max control current
  - 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.

XX2: Gloss color codes
XX3: Satin color codes
Wallplates not included. Order separately.

* Requires neutral wire connection
**Mechanical switches**

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

**General purpose switches**

**Mechanical switches**

- Single-pole: CA-1PS-XX
- 120/277 V 15 A
- 3-way: CA-3PS-XX
- 120/277 V 15 A
- 4-way: CA-4PS-XX
- 120/277 V 15 A

**Mechanical switches with locator light**

- Single-pole: CA-1PSNL-XX
- 120 V 15 A
- 3-way: CA-3PSNL-XX
- 120 V 15 A
- 4-way: CA-4PSNL-XX
- 120 V 15 A

No derating required if ganged.

**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—quiet 3-speed**

- 3-way/single-pole DVFSQ-XX
- 120 V 1.5 A
- DVSCFSQ-XX
- 3-way/single-pole DVFSQ-F-HO-XX
- 120 V 2 A

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—quiet 3-speed**

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

No derating required if ganged.

Does not include built-in locator light.
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 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: CT-600P-IV)

Gloss
- WH White
- LA Light Almond
- AL Almond
- IV Ivory

Metal wallplates
- GR Gray
- BR Brown
- BL Black

- 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.
Dimmers

- Preset model includes rocker switch to return light level to indicated by 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 CTLP-253P-XX
120V 250W (LED/CFL), 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 for our online compatibility tool.

Incandescent/halogen dimmers

Dimmer with on/off switch

Single-pole CT-600P-XX
120V 600W

3-way CT-603P-XX
120V 600W

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

Electronic low-voltage dimmer

Dimmer with on/off switch*

3-way/single-pole CTELV-303P-XX
120V 300W

* Requires neutral wire connection

XX*: Gloss color codes
Walplates not included. Order separately.

Fan control—quiet 3-speed

3-way/single-pole CTFSQ-F-XX
120V 1.5A

No derating required if ganged.

* 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 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
Lighting load interfaces are not compatible with this family.

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

Gloss

WH White
IV Ivory
LA Light Almond

XX*: Gloss color codes
Wallplates not included. Order separately.

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
120 V 150 W (LED/CFL), 600 W (Inc)

No derating required if ganged.

Visit 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
120 V 1.50 A

Lutron | 1.800.523.9466 | lutron.com/specificationguide
**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: S-600P-GR)

- **Gloss**
  - White (WH)
  - Light Almond (LA)
  - Almond (AL)
  - Ivory (IV)

- **Gray** (GR)
- **Brown** (BR)
- **Black** (BL)

**Metal wallplates**

- Stainless Steel metal wallplate only available separately and includes black plastic trim/adapter, 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 brighten, down to dim
- LED+ dimmer provides reliable dimming of dimmable LEDs/CFLs, as well as halogens and incandescents

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

*Incandescent/halogen dimmer*

Dimmers with on/off switch

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>Single-pole</th>
<th>3-way</th>
<th>3-way</th>
<th>Single-pole</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V 600W</td>
<td>120V 1000W</td>
<td>120V 600W</td>
<td>120V 1000W</td>
<td></td>
</tr>
</tbody>
</table>

Slide-to-off dimmers

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

Dimmers with on/off switch and locator light

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>Single-pole</th>
<th>3-way</th>
<th>3-way</th>
<th>Single-pole</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V 600W</td>
<td>120V 1000W</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Magnetic low-voltage dimmers**

Dimmers with on/off switch

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>3-way</th>
<th>Single-pole</th>
<th>3-way</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V 600VA (450W)</td>
<td>120V 600VA (450W)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Electronic low-voltage dimmers**

Dimmers with on/off switch*

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>3-way</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V 300W</td>
<td>120V 300W</td>
</tr>
</tbody>
</table>

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

Dimmers with on/off switch*

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>Single-pole</th>
<th>3-way</th>
<th>3-way</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V 8A</td>
<td>120V 8A</td>
<td>277V 6A</td>
<td>277V 6A</td>
</tr>
</tbody>
</table>

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

*Requires neutral wire connection

XX: Gloss color codes

Wallplates not included. Order separately.
**Slide-to-off fan controls**
- Slide up to on/increase speed, down to decrease/off
- 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
- Slide up to on/brighten, down to dim/off
- 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 control**
- Slide up to on/increase speed, down to decrease/off
- 3 quiet fan speeds designed to prevent motor hum (for use with only one ceiling paddle fan)

**Switch**
- Rocker switch turns light on/off

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

**Fan/light control**
- Slide up to on/brighten, down to dim/off

**Dimmer**
- Slide up to on/brighten, down to dim/off

**Dual slide-to-off fan/light control**
- Slide up to on/increase speed, down to decrease/off
- 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)

**Dual slide-to-off fan/light control**
- Slide up to on/brighten, down to dim/off

**Replacement knobs**
- Standard knob
- Split knobs
- Contact Customer Service
Claro wallplates and accessories

**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 Colors (SC-BI-)
- Customize your designer wallplate with engraving; visit 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-PL)

**Gloss**

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

**Satin Colors**

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

**Metal**

- BG Bluestone
- PL Plum
- GS Goldstone
- DS Desert Stone
- GB Greenbriar
- MS Mocha Stone

- TC Terracotta
- SI Sienna
- HT Hot
- MR Merlot
- MN Midnight
- SS Stainless Steel

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

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

**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.

| **1-gang** **CW-1-** | **SC-1-** |
| **W**: 2.94 in (75 mm) | **W**: 2.94 in (75 mm) |

| **2-gang** **CW-2-** | **SC-2-** |
| **W**: 4.75 in (121 mm) | **W**: 4.75 in (121 mm) |

| **3-gang** **CW-3-** | **SC-3-** |
| **W**: 6.56 in (167 mm) | **W**: 6.56 in (167 mm) |

| **4-gang** **CW-4-** | **SC-4-** |
| **W**: 8.37 in (213 mm) | **W**: 8.37 in (213 mm) |

| **5-gang** **CW-5-** | **SC-5-** |
| **W**: 10.18 in (259 mm) | **W**: 10.18 in (259 mm) |

| **6-gang** **CW-6-** | **SC-6-** |
| **W**: 12 in (305 mm) | **W**: 12 in (305 mm) |

**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.**

**Cable jacks**

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

**Telephone jacks**

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

**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**

**Connectors for 6-port frame**

**Telephone/network jacks**

- 8-conductor, RJ45 category 5e
- 8-conductor, RJ45 category 6

**Fiber jacks**

- MT-RJ feed through
- SC simplex
- LC non-flush mount
- ST-style

**Cable jack**

- F-style, 75-Ohm coaxial cable

**BNC jack**

- BNC connector, 50-Ohm

**Receptacles**

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

**USB receptacles**

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

**Connectors only for use with 6-port frame.**

---

**XX**: Gloss and metal color codes

**XX**: Satin colors codes

**XX**: Gloss color codes

**XX**: Gloss color codes

**XX**: Satin color codes

**XX**: Available in White (WH) and Black (BL)

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

LEDs indicate status of GFCI protection function

Tamper-resistant, self-testing GFCI receptacles

15 A 125 V, GFCI

- CAR-15-GFST-XX
- SCR-15-GFST-XX

20 A 125 V, GFCI

- CAR-20-GFST-XX
- SCR-20-GFST-XX

Receptacles for dimming use

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

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

15 A 120/125 V

- CAR-15-HDTR-XX
- SCR-15-HDTR-XX

20 A 120/125 V

- CAR-20-HDTR-XX
- SCR-20-HDTR-XX

Dual dimming, tamper-resistant receptacles

15 A 120/125 V

- CAR-15-DDTR-XX
- SCR-15-DDTR-XX

20 A 120/125 V

- CAR-20-DDTR-XX
- SCR-20-DDTR-XX

Replacement plug for dimming

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

Replacement dimming plugs

120/125 V

- RP-FDU-10-XX

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.

Replacement plug for dimming

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

Replacement dimming plugs

120/125 V

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- For more information on dimming lamps consult Lutron Application Note #109, Guide to Dimming Portable Lamps via Receptacles, at lutron.com/applicationnotes.
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 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).

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

Available finishes
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<td>BR Brown</td>
<td></td>
</tr>
<tr>
<td>BL Black</td>
<td></td>
</tr>
</tbody>
</table>

Metal wallplate*

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

**Preset LED+ dimmer**
- 3-way/single-pole
  - 120V 150W (CFL/LED), 600W (Inc)
- 3-way/single-pole
  - 120V 250W (CFL/LED), 600W (Inc)
- 350 W (Hi-lume 1% LED driver, max 8)

Visit lutron.com/LEDfinder for our online compatibility tool.

Adjustable low-end trim.

**Incandescent/halogen dimmers**

**Preset dimmers**
- Single-pole
  - 120V 600W
- Single-pole
  - 120V 1000W
- 3-way
  - 120V 600W
- 3-way
  - 120V 1000W

**Incandescent/halogen dimmers with locator light**

**Preset dimmers**
- Single-pole
  - 120V 600W
- Single-pole
  - 120V 1000W
- 3-way
  - 120V 600W
- 3-way
  - 120V 1000W

**Magnetic low-voltage dimmers**

**Preset dimmers**
- Single-pole
  - 120V 600 VA (450 W)
- 3-way
  - 120V 600 VA (450 W)

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

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

**Preset dimmers**
- Single-pole
  - 120V 600W
- Single-pole
  - 120V 1000W
- 3-way
  - 120V 600W
- 3-way
  - 120V 1000W

**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—quiet 3-speed**

- Single-pole
  - 120V 1.5 A

No derating required if ganged.

**Dual fan/light control**

**Fan control**

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

**Fan/light control—quiet 3-speed**

- Single-pole
  - 120V 1.5 A fan (left)
  - 120V 300 W dimmer (right)

Incandescent/halogen.

No derating required if ganged.

**XX**: Gloss color codes.

**XX**: Available in Gloss White (WH), Ivory (IV), Almond (AL) and Light Almond (LA).

Wallplates not included. Order separately.

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Product family features

- SoftGlow locator light to easily find in the dark
- LED+ advanced technology for superior dimming of LED, halogen and incandescent bulbs
- Coordinating Fassada wallplates available separately
- Visit 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)

Available finishes

White, Light Almond, Ivory, Black, Stainless Steel

Dimmers

- SoftGlow locator light provides smooth halo around the knob when 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

Direct load type compatibility

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

Control types

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

LED+ dimmer

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

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

Replacement knob kit

- Standard knob RCL-RK-XX

Available finishes

White, Light Almond, Ivory, Black, Stainless Steel

Gloss colors code

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

Available finishes

White, Light Almond, Ivory, Black, Stainless Steel

Gloss colors code

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

Replacement knob kit

- Standard knob RCL-RK-XX

Available finishes

White, Light Almond, Ivory, Black, Stainless Steel
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 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

Incandescent/halogen dimmer

Dimmer with rotate on/off knob

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>120V 600W</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-600PH-DK</td>
<td></td>
</tr>
</tbody>
</table>

Dimmers with push on/off knob

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>120V 600W</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-600PH-DK</td>
<td></td>
</tr>
<tr>
<td>D-603PH-DK</td>
<td></td>
</tr>
</tbody>
</table>

Dimmers with push on/off knob and locator light

<table>
<thead>
<tr>
<th>Single-pole</th>
<th>120V 600W</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNG-600PH-DK</td>
<td></td>
</tr>
<tr>
<td>DNG-603PH-DK</td>
<td></td>
</tr>
</tbody>
</table>

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-XX

DK: Dual Knob includes one Gloss White and one Gloss Ivory

XX: Gloss color codes

Wallplates not included. Order separately.
Fassada wallplates

4.67 in (119 mm)

Shown actual size: Ariadni dimmers in a 2-gang Fassada wallplate in White (WH).

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 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
- Metal*

Available finishes legend:

- WH: White
- LA: Light Almond
- AL: Almond
- IV: Ivory
- BL: Black
- SS: Stainless Steel

Wallplates for Ariadni and Rotary

1-gang
W: 2.86 in (73 mm)
FG-1-XX
FW-1-SS*

2-gang
W: 4.67 in (119 mm)
FG-2-XX
FW-2-SS*

3-gang
W: 6.48 in (165 mm)
FG-3-XX
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.

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.

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

Multi-gang dimmer installations may require derating.
**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 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 "Loading Load Interfaces."

**Available finishes**

- Architectural matte wallplates
- Architectural glass wallplate
- White (WH)
- Light Almond (LA)
- Almond (AL)
- Beige (BE)
- Ivory (IV)
- Taupe (TP)

*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**
- **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 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 for our online compatibility tool.
  * Adjustable low-end trim.

## 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

## Companion control

**Companion device**

**Companion dimmer/switch** GT-AD-WH

**Companion control**

**Companion device**

**Multi-location/single** GT-5ANSW-WH

**GTJ-5ANSW-WH**

**120V**

---

* Includes Clear Connect RF Technology
** Neutral wire connection available, not required (required for fluorescent ballast and interfaces)
† Phase selectable touch dimmer

**Companion control**

**Companion device**

**Companion dimmer/switch** GT-AD-WH

**Companion control**

**Companion device**

**Multi-location/single** GT-5ANSM-WH

**GTJ-5ANSM-WH**

**120V**

---

* Includes Clear Connect RF Technology
** Neutral wire connection available, not required (required for fluorescent ballast and interfaces)
† Phase selectable touch dimmer

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**NEW ARCHITECTURAL WALLPLATE OPENING**

**NEW ARCHITECTURAL WALLPLATE OPENING**

**NEW ARCHITECTURAL WALLPLATE OPENING**

GRAFIK T dimmers and switches

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**GRAFI K T dimmers and switches**

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**GRAFI K T dimmers and switches**

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**GRAFI K T dimmers and switches**
**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 to 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 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
  - QB Antique Brass
  - BB Bright Brass
  - SB Satin Brass
  - QB Antique Brass

- **Architectural glass**
  - CWH Clear Glass

**Shown actual size:** GRAFIK T dimmers in a 2-gang New Architectural wallplate in White (WH).
Wallplates for GRAFIK T controls and New Architectural accessories

1-gang, for one dimmer or switch LWT-G-XX
LWT-G-XXX
W: 2.90 in (75 mm)

2-gang, for two dimmers or switches LWT-GG-XX
LWT-GG-XXX
W: 4.75 in (121 mm)

3-gang, for three dimmers or switches LWT-GGG-XX
LWT-GGG-XXX
W: 6.60 in (167 mm)

4-gang, for four dimmers or switches LWT-GGGG-XX
LWT-GGGG-XXX
W: 8.40 in (213 mm)

1-gang, for one accessory LWT-U-P-XX
LWT-U-P-XXX
W: 2.90 in (75 mm)

2-gang, for two accessories LWT-U-PP-XX
LWT-U-PPP-XXX
W: 4.75 in (121 mm)

3-gang, for three accessories LWT-U-PPP-XX
LWT-U-PPPP-XXX
W: 6.60 in (167 mm)

4-gang, for four accessories LWT-U-PPPP-XX
LWT-U-PPPP-XXX
W: 8.40 in (213 mm)

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.

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

Receptacles

- Available with or without 1-gang wallplate**

Tamper-resistant receptacles with wallplate
15 A 125 V LTR-F15-TR-XX
20 A 125 V LTR-F20-TR-XX

Tamper-resistant receptacles without wallplate
15 A 125 V LTR-15-TR-XX
20 A 125 V LTR-20-TR-XX

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**

Tamper-resistant USB receptacle with wallplate
15 A 125 V LTR-F15-UBTR-XX

Tamper-resistant USB receptacle without wallplate
15 A 125 V LTR-15-UBTR-XX

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.

* Matte and glass finishes are available with or without 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.

XX: Architectural matte and metal color codes
XXX: Architectural glass color code

Multi-gang dimmer installations may require derating.
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 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

- White
- Light Almond
- Almond
- Beige
- Ivory
- Taupe

Architectural metal wallplates*

- Bright Nickel
- Bright Chrome
- Clear Anodized Aluminum
- Satin Chrome
- Satin Nickel
- Antique Bronze
- Gold Plated
- Bright Brass
- Brass Anodized Aluminum
- Satin Brass
- Antique Brass
- Black Anodized Aluminum

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

- Slide up to brighten, down to dim
- Loads from 1000-2000 W 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**

**Electronic low-voltage dimmer**

Reverse-phase slide-to-off dimmer

Single-pole NTRP-250-XX
120 V 250 W (LED/CFL), 600 W (Inc), 800 (ELV)

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

Visit lutron.com/LEDfinder for our online compatibility tool.

No low-end trim.

**Incandescent/halogen dimmers**

Slide-to-off dimmers

Single-pole NT-600-XX
120 V 600 W

Single-pole NT-1000-XX
120 V 1000 W

Single-pole NT-1500-XX*
120 V 1500 W

NT-2080 dimmers must be ganged with no fins broken and require a 2-gang box.

**Preset dimmers**

3-way/single-pole NT-603P-XX
120 V 600 W

3-way/single-pole NT-1003P-XX
120 V 1000 W

3-way/single-pole NT-1503P-XX*
120 V 1500 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**

**Slide-to-off dimmers**

Single-pole NTLV-600-XX
120 V 600 VA (450 W)

Single-pole NTLV-1000-XX
120 V 1000 VA (800 W)

Single-pole NTLV-1000-277-XX
277 V 600 VA (450 W)

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

**Electronic low-voltage dimmers**

**Slide-to-off dimmers**

Single-pole NTELV-300-XX
120 V 300 W

Single-pole NTELV-600-XX
120 V 600 W

XX*: Architectural matte color codes (1-gang wallplate included)

* Large control

XX**: Architectural matte color codes (1-gang wallplate included)

* Large control

**Requires neutral wire connection**
Linear-slide mechanical switches
(small controls)

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

General purpose switches
Linear-slide mechanical switches

<table>
<thead>
<tr>
<th>Switch Type</th>
<th>P/N</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>NT-1PS-XX</td>
<td>120/277 V</td>
<td>20 A</td>
</tr>
<tr>
<td>3-way</td>
<td>NT-3PS-XX</td>
<td>120/277 V</td>
<td>20 A</td>
</tr>
<tr>
<td>4-way</td>
<td>NT-4PS-XX</td>
<td>120/277 V</td>
<td>20 A</td>
</tr>
</tbody>
</table>

No derating required if ganged.

Slide-to-off fan controls
(small controls)

- Slide up to increase speed/on; down to decrease speed/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

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

<table>
<thead>
<tr>
<th>Switch Type</th>
<th>P/N</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>NTFSQ-XX</td>
<td>120 V</td>
<td>1.5 A</td>
</tr>
</tbody>
</table>

For use with only one ceiling fan. No derating required if ganged.

Slide-to-off fan control—fully variable

<table>
<thead>
<tr>
<th>Switch Type</th>
<th>P/N</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-pole</td>
<td>NTFS-6E-XX</td>
<td>120 V</td>
<td>6 A</td>
</tr>
<tr>
<td>Single-pole</td>
<td>NTFS-12E-XX</td>
<td>120 V</td>
<td>12 A</td>
</tr>
</tbody>
</table>

6A model provides an additional wire for switching fan light (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: 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 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.

### 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
- OZ Antique Bronze
- CWH Clear Glass
- GWH Green Glass

**Architectural 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/adapter, visible from side. Match with separate Black (BL) or Midnight (MN) controls.
** Glass wallplates include white plastic trim/adapter, visible from side. Match with separate White (WH) or Snow (SW) controls.
### Wallplates for Nova T☆ controls and Architectural accessories

<table>
<thead>
<tr>
<th>1-gang for one accessory*</th>
<th>LFGR-1-XXX☆</th>
</tr>
</thead>
<tbody>
<tr>
<td>W: 2.75 in (70 mm)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-gang for two accessories*</th>
<th>VWP-2R-XX☆</th>
</tr>
</thead>
<tbody>
<tr>
<td>W: 4.56 in (116 mm)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3-gang for three accessories*</th>
<th>LFGR-2-XXX☆</th>
</tr>
</thead>
<tbody>
<tr>
<td>W: 6.44 in (164 mm)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-gang, for one dimmer or switch and one accessory</th>
<th>VWP-2CR-XX☆</th>
</tr>
</thead>
<tbody>
<tr>
<td>W: 4.56 in (116 mm)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-gang, for one accessory and one dimmer or switch</th>
<th>VWP-2RC-XX☆</th>
</tr>
</thead>
<tbody>
<tr>
<td>W: 4.56 in (116 mm)</td>
<td></td>
</tr>
</tbody>
</table>

#### 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).

#### Connectors for 6-port frame

- **8-conductor, RJ45 category 5e**: CON-1P-C5e-XX☆
- **8-conductor, RJ45 category 6**: CON-1P-C6e-XX☆

#### Telephone/network jacks

- **8-conductor, RJ45 category 5e**: CON-1P-C5e-XX☆
- **8-conductor, RJ45 category 6**: CON-1P-C6e-XX☆

#### Connectors only for use with 6-port frame

- **Fiber jacks**
  - MT-RJ feed through: CON-1F-MTRJ-WH
  - SC simplex: CON-1F-SC-WH
  - LG non-flush mount: CON-1F-LC-WH
  - ST-style: CON-1F-ST-WH
- **Cable jack**
  - F-style, 75-Ohm coaxial cable: CON-1C-XX☆
- **BNC jack**
  - BNC connector, 50-Ohm: CON-1B-WH

#### Field customizable 6-port frame

- **6-port frame**: NT-6PF-XX☆

#### 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

#### Single cable jack*

- **NT-CJ-XX☆**: F-style, 75-Ohm coaxial cable
  - Includes 1-gang wallplate

#### Single telephone jack*

- **NT-PJ-XX☆**: 6-conductor jack, RJ11
  - Includes 1-gang wallplate

### Architectural wallplates and accessories

| XX☆: Architectural matte color codes |
| XX☆☆: Architectural glass color codes |
| For metal finishes visit [lutron.com/customganging](http://lutron.com/customganging) for more information. |

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

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

- Multi-gang dimmer installations may require derating.
Receptacles

- Includes 1-gang wallplate

USB receptacles

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

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 USB receptacles*

- Includes 1-gang wallplate

Isolated ground receptacles

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

Tamper-resistant, self-testing GFCI receptacles*

- Includes 1-gang wallplate

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

Half dimming, tamper-resistant receptacles*

- 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

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.

Replacement plugs for dimming

- This plug required for use with Lutron receptacles for dimming use—plug will work in standard receptacle
- Easily replaces the existing plugs on lamps

Replacement dimming plugs

120/125 V RP-FDU-10-XX
UL/CSA/NOM regulatory approvals

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

**PowPak dimming module (dimming mode)**
- Incandescent/halogen lighting
- CFL/LED lighting (screw-base)
- Magnetic low-voltage lighting
- Electronic low-voltage lighting
- General purpose

**PowPak appliance module**
- General purpose

Available finishes

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

Matte finishes

**WH** White

**BL** Black

Installation

Wireless Control

(See Pico wireless remote section for models)
**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 6ft (1.8m) long

**Direct load type compatibility**

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

**Available finishes**

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

Gloss

- **WH**: White
- **BR**: Brown
- **BL**: Black

**Installation**

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

- **Incandescent/halogen lamp dimmer**
  - Requires no wiring or tools

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

- **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 Bridge 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
- 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 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.
**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 Bridges
- LED+ models available
- Control and schedule lights from the Lutron App when paired with a Smart Bridge
- 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 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.”

**Available finishes**

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

- Gloss
- White (WH)
- Light Almond (LA)
- Ivory (IV)
- Black (BL)

- Stainless Steel metal wallplate only available separately and includes black plastic trim/adapter, 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 Bridge anytime
Ideal for garages, hallways, and kitchens

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

3-Way Dimmer Kit with Remote
- Eliminates fumbling around in the dark
- Add a switch anywhere
- Add a Smart Bridge anytime
Ideal for garages, hallways, and kitchens

Dimmer Kit with Smart Bridge
- 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

3-Way Dimmer Kit with Remote
- Eliminates fumbling around in the dark
- Add a switch anywhere
- Add a Smart Bridge anytime
Ideal for garages, hallways, and kitchens

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

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

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 (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

Dimmable LED/CFL (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

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

Gloss color codes
Wallplates not included. Order separately.

XX†† Neutral wire connection available, not required (required for LED drivers, fluorescent ballasts, and interfaces)
Caséta Wireless dimmers, switches, and fan controls

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

Wireless in-wall electronic switch PRO
Multi-location/3-way*/single-pole PD-6ANS-XX
120V 6A light, 3.6A (1/4 HP) fan

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

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

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

Switches
Wireless in-wall electronic switch**
Multi-location/3-way*/single-pole PD-6ANS-XX
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
120/277V 5A light, 3A fan

Motion sensor
Occupancy/Vacancy PD-OSENS-WH
Vacancy only PD-VSENS-WH

Pico wireless remotes
2-button PJ2-2B-XX-L01
2-button raise/lower PJ2-2BRL-XX-L01
3-button raise/lower PJ2-3BRL-XX-L01R
3-button raise/lower w/ wallplate and wallbox adapter PJ2-WALL-WH-L01
Wallbox adapter PICO-WBX-ADAPT

Tabletop pedestals
Single pedestal L-PED1-XX
Dual pedestal L-PED2-XX
Trip pedestal L-PED3-XX
Quad pedestal L-PED4-XX

Car visor clip
Clip PICO-CAR-CLIP

XX*: 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

XX*: Available in Gloss colors
XX*: Available in Gloss White (WH) and Black (BL)
XX*: Available in Gloss White (WH) and Light Almond (LA)
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 Bridge 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 Bridge supports up to 75 wireless devices (dimmers, switches, thermostats, remotes and/or shades); the Smart Bridge 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 Bridge—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.
- Smart Bridge connects to Wi-Fi router via Ethernet (3 ft cable included); local device operation will continue to function if internet connection is lost
- Smart Bridge PRO model supports Serena and Sivoia QS Triathlon shades, and integration with select A/V and security systems
- Smart Bridge communicates at 434 MHz frequency and has an RF range of 30 ft (9 m) through walls and floors to other RF devices
- Smart Bridge requires 120V source for 5V DC adapter (included)
- Smart Bridge 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.
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 Bridge
- 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

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 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

Wireless controls and sensors

Simple-to-use software

Centralized control and integration

Communication protocols

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

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.

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

| HJS-0-FM | Flush-mount starter hub (75) |
| HJS-1-FM | Flush-mount standard hub (700) |
| HJS-1-SM | Surface-mount standard hub (700) |

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. Contact sales for a quote.

| HJS-2-FM | Flush-mount adapter |
| HJS-2-SM | Surface-mount adapter |

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. Contact sales for a quote.

Dashboard license

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. 1:provided gear that is equivalent or better is sufficient. Enterprise-level gear recommended.

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 Maestro Wireless dimmers, switches, and sensors

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 Colors, and Stainless Steel wallplates only available separately.
- Custom engraving available for wallplates. Visit 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 Colors
- SW Snow
- LS Limestone
- BI Biscuit
- ES Eggshell
- PD Palladium
- TP Taupe
- ST Stone

Metal wallplate*
- TC Terracotta
- SI Sienna
- HT Hot
- MR Merlot
- MN Midnight
- SS Stainless Steel

* Stainless Steel metal wallplate only available separately and includes black plastic trim/adapter, 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

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

- Digital fade wireless LED+ dimmer
- Multi-location/single-pole MRF2S-6CL-XX
  - 120 V 150 W (LED/CFL), 600 W (Inc)

**Incandescent/halogen dimmer**

- Magnetic low-voltage dimmer
- Hi-lume 1% 2-wire LED driver dimmer
- Tu-Wire fluorescent ballast dimmer

**Electronic low-voltage dimmer**

- Digital fade wireless dimmer—specification grade
  - Multi-location/single-pole MRF2S-6ELV-XX
  - 120 V 600 W

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**Wireless electronic switches**

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

**Switches**

- Wireless electronic switch**
  - Multi-location/single-pole MRF2S-6ANS-XX
    - 120 V 6 A light,
    - 3 A fan (1/10 HP)

**Wireless electronic switches—specification grade**

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

<table>
<thead>
<tr>
<th>Multi-location</th>
<th>MRF2S-8S-DV-XX</th>
</tr>
</thead>
<tbody>
<tr>
<td>single-pole</td>
<td></td>
</tr>
<tr>
<td>120 – 277 V</td>
<td>8 A light,</td>
</tr>
<tr>
<td>3 A fan (1/10 HP)</td>
<td>@ 120 V only</td>
</tr>
</tbody>
</table>

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

- Ceiling-mount sensor MRF2S-1S8A-1OC
- Wall-mount sensor MRF2S-1S8A-1OW
- Corner-mount sensor MRF2S-1S8A-1OK
- Hallway sensor MRF2S-1S8A-1OH
- 2 switches MRF2S-2S8A-10W

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**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 dimmer MA-R-XX
  - 120 V
  - MSC-AD-XX
- Companion switch MA-AS-XX
  - 120 V
  - MSC-AS-XX

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**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
    - 120/277V 8A,
    - 50mA max. control current

<table>
<thead>
<tr>
<th>Multi-location</th>
<th>MRF2S-8SDV010-XX</th>
</tr>
</thead>
<tbody>
<tr>
<td>120/277V</td>
<td>8A</td>
</tr>
<tr>
<td>50mA max. control current</td>
<td></td>
</tr>
</tbody>
</table>

**Switches**

- PIR occupancy/vacancy sensor switch
  - Multi-location/single-pole MRF2S-8SS-XX
    - 120/277V 8A
    - 4.4A fan

- PIR vacancy sensor switch
  - Multi-location/single-pole MRF2S-8SSV-XX
    - 120/277V 8A
    - 4.4A fan
**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

**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

**Switching module**

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

**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 (18 m) line-of-sight, 30 ft (9 m) through walls and floors to other compatible RF devices
- Communicates at 434 MHz frequency

**Direct load type compatibility**

- LED lighting
- Fluorescent
- Switched lighting/fan/motor
- Receptacles
- Low-voltage resistive

**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

**EcoSystem LED/driver fluorescent fixture dimming module**

- Vive PowPak dimming module for 0–10V control
- 60mA max control current
- RMJS-8T-DV-B
- 120/277 V 8A
- Compatible with any IEC 60929 Annex E compliant driver or ballast.

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

- Vive PowPak single zone
- 32 drivers/ballasts
- RMJS-ECO32-SZ
- 120/277V

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

### 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
- 8 Pack
- FCJS-ECO-BULK8

### 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***

- 6 mA max control current
- FCJS-010
- 120–277 V
- 8 Pack
- FCJS-010-BULK8

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

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

### 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

### Fixture sensor major motion coverage range

**Ceiling sensor**

- FC-SENSOR
- FC-VSENSOR

<table>
<thead>
<tr>
<th>Ceiling height</th>
<th>Maximum room dimensions for complete floor coverage</th>
<th>Square feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 ft (2.4 m)</td>
<td>16 X 16 ft (4.9 X 4.9 m)</td>
<td>275 ft² (25.5 m²)</td>
</tr>
<tr>
<td>9 ft (2.7 m)</td>
<td>17 X 17 ft (5.2 X 5.2 m)</td>
<td>300 ft² (27.8 m²)</td>
</tr>
<tr>
<td>10 ft (3.0 m)</td>
<td>18 X 18 ft (5.5 X 5.5 m)</td>
<td>325 ft² (30.2 m²)</td>
</tr>
<tr>
<td>12 ft (3.7 m)</td>
<td>19 X 19 ft (5.8 X 5.8 m)</td>
<td>375 ft² (34.8 m²)</td>
</tr>
</tbody>
</table>

### 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 Power 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 15 A and 20 A 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 for more information.

Direct load type compatibility

- **Switched lighting/fan/motor**

<table>
<thead>
<tr>
<th>**</th>
<th><strong>Split wireless receptacle</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Carries high loads</strong></td>
<td>CAR2S-15-STR-XX*</td>
</tr>
<tr>
<td><strong>20 A 120 V</strong></td>
<td>CAR2S-20-STR-XX*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>**</th>
<th><strong>Duplex wireless receptacle</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Carries high loads</strong></td>
<td>CAR2S-15-DTR-XX*</td>
</tr>
<tr>
<td><strong>20 A 120 V</strong></td>
<td>CAR2S-20-DTR-XX*</td>
</tr>
</tbody>
</table>

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

**Available finishes**

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

Gloss finishes

- WH: White
- LA: Light Almond
- BL: Black

**Gloss color code:**

- XX*: Gloss color codes

**Split wireless receptacle**

- Top outlet only 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

**Shown actual size:** Vive split wireless 15 A receptacle and 1-gang Claro wallplate 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 (18 m) line-of-sight, 30 ft (9 m) through walls and floors to other compatible RF devices
- Operates at 434 MHz 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-GWH-L01)

Gloss
(available for most button configurations)

WH White
WG White/Gray
IV Ivory
LA Light Almond
BL Black

All models, shown in white

Pedestal Gloss

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

2-button wireless remotes
- On/off
- Light icon or text labeling
- Available with nightlight

3-button wireless remotes
- On/off and preset button
- Light icon labeling

2-button with raise/lower wireless remotes
- On/off and raise/lower

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

4-button scene wireless remotes
- Light icon model offers 3 scenes and off
- Custom model offers 4 scenes and custom labeling

2-button wireless remote
Light icon PJ2-2B-GXX-L01
Appliance icon PJ2-2B-GXX-L02

3-button wireless remote
3-button Light icon PJ2-3B-GXX-L01

3-button with raise/lower wireless remotes
- Available in Gloss White (WH) and Black (BL)
- Available in Gloss White (WH) and Light Almond (LA)

4-button zone wireless remotes
- On/off and raise/lower
- Light icon labeling
- Custom labeling available

Pico wireless remote with nightlight
3-button with raise/lower Light icon PJN-3BRL-GXX-L01

Pico wireless remote
3-button with raise/lower Light icon PJ2-3BRL-GXX-L01
Audio text PJ2-3BRL-GXX-A02

Caséta Wireless Pico wireless remote
4-button scene Light icon PJ2-4B-GXX-L31
Caséta Wireless Pico wireless remote PRO
4-button scene (3-scene control) Light icon PJ2-4B-GXX-L31P

4-button 2-group wireless remotes
- On/off (open/close) for two groups of lights/shades

4-button 2-group wireless remotes
- Light icon model offers 3 scenes and off
- Custom model offers 4 scenes and custom labeling

Pico wireless remote
4-button zone
Light icon PJ2-4B-GXX-L01

Accessories
Screw-mount kit PICO-SM-KIT
Mounting kit PICO-WBX-ADAPT
Adapter PICO-CAR-CLIP

4-button scene wireless remotes
- Light icon model offers 3 scenes and off
- Custom model offers 4 scenes and custom labeling

4-button 2-group wireless remotes
- On/off (open/close) for two groups of lights/shades

4-button zone wireless remotes
- On/off and raise/lower
- Light icon labeling
- Custom labeling available

Pico wireless remote
4-button zone
Light icon PJ2-4B-GXX-L01

2-button with raise/lower wireless remotes
- On/off and raise/lower

Pico wireless remote
2-button
Light icon PJ2-2B-GXX-L01
Appliance icon PJ2-2B-GXX-L02

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

Tabletop pedestals
- Single pedestal L-PED1-XX
- Dual pedestal L-PED2-XX
- Triple pedestal L-PED3-XX
- Quad pedestal L-PED4-XX

Car visor clip
Clip PICO-CAR-CLIP

XX: Available in Gloss colors
XX: Available in Gloss White (WH) and Black (BL)
XX: Available in Gloss White (WH) and Light Almond (LA)
XX: Available in Gloss White (WH) and Black (BL)
Shown actual size: Radio Powr Savr wireless ceiling-mount and wireless wall-mount occupancy/vacancy sensor 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

**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 3 ft (1 m) up from the floor, whichever is higher, and ends at the top of the window.
- Do not position the daylight sensor in the well of a skylight or above indirect lighting fixtures.
- For narrow areas where the daylight sensor cannot be placed 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**

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

**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, 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)
### Derating Table 1

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

**Architectural | Nova T+: LED+**

**Designer** | Caseta Wireless LED+, Caseta Wireless ELV+, Caseta 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

<table>
<thead>
<tr>
<th>Total LED/CFL Wattage Installed (Wattage per bulb x # of bulbs)</th>
<th>Maximum Allowable Incandescent/Halogen Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 W</td>
<td>No sides removed</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>+ 600 W</td>
</tr>
<tr>
<td>25 W – 50 W</td>
<td>+ 500 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>+ 400 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>+ 300 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>+ 200 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>+ 100 W</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Total LED/CFL Wattage Installed (Wattage per bulb x # of bulbs)</th>
<th>Maximum Allowable Incandescent/Halogen Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 W</td>
<td>No sides removed</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>+ 600 W</td>
</tr>
<tr>
<td>25 W – 50 W</td>
<td>+ 500 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>+ 400 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>+ 300 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>+ 200 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>+ 100 W</td>
</tr>
</tbody>
</table>

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

#### 250 W PRO LED+ (Maestro)

<table>
<thead>
<tr>
<th>Total LED/CFL Wattage Installed (Wattage per bulb x # of bulbs)</th>
<th>Maximum Allowable Incandescent/Halogen Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 W</td>
<td>No ganged</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>+ 600 W</td>
</tr>
<tr>
<td>25 W – 50 W</td>
<td>+ 500 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>+ 400 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>+ 300 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>+ 200 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>+ 100 W</td>
</tr>
<tr>
<td>201 W – 250 W</td>
<td>+ 0 W</td>
</tr>
</tbody>
</table>

**Note:** There is no wattage reduction when controlling only LED or CFL.
### Derating Table 2

#### New Architectural | GRAFIK T

| Architectural | Nova T | *
|---------------|-------|

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Incandescent</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GRAFIK T</td>
<td>500 W</td>
<td>400 W</td>
<td>300 W</td>
</tr>
<tr>
<td>Nova T</td>
<td>600 W</td>
<td>500 W</td>
<td>300 W</td>
</tr>
<tr>
<td>GRAFIK T</td>
<td>600 W</td>
<td>500 W</td>
<td>400 W</td>
</tr>
<tr>
<td>Nova T</td>
<td>1000 W</td>
<td>800 W</td>
<td>600 W</td>
</tr>
<tr>
<td>Nova T</td>
<td>1500 W</td>
<td>1250 W</td>
<td>1000 W</td>
</tr>
<tr>
<td>Nova T</td>
<td>1950 W</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

| **Magnetic low-voltage** | | | |
|-----------------|----------------|----------------|
| 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 | 1000 VA/1200 W | 900 VA/1000 W | 700 VA/800 W |

| **Electronic low-voltage** | | | |
|-----------------|----------------|----------------|
| Nova T | 300 W | 300 W | 250 W |
| GRAFIK T | 500 W | 400 W | 300 W |
| Nova T | 600 W | 500 W | 400 W |

#### Dimmers (continued)

<table>
<thead>
<tr>
<th><strong>Dimmable LED/CFL (screw-base)</strong></th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRAFIK T</td>
<td>150 W</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>GRAFIK T</td>
<td>250 W</td>
<td>No derating</td>
<td>No derating</td>
</tr>
</tbody>
</table>

| **2-wire LED** | | |
|----------------|----------------|----------------|----------------|
| GRAFIK T, Nova T | 10 drivers/400 W | No derating | No derating |

| **3-wire LED/fluorescent** | | |
|-----------------|----------------|----------------|----------------|
| Nova T | 6 A | No derating | No derating |
| Nova T | 8 A | No derating | No derating |
| Nova T | 16 A | No derating | No derating |

| **Tu-Wire fluorescent** | | |
|-----------------|----------------|----------------|----------------|
| GRAFIK T | 3.3 A | No derating | No derating |
| Nova T | 5 A | 4 A | 3.3 A |

| **0–10 V fixture** | | |
|-----------------|----------------|----------------|----------------|
| Nova T | 8 A/30 mA | No derating | No derating |

| **Magnetic fluorescent** | | |
|-----------------|----------------|----------------|----------------|

| **Fan controls** | | |
|-----------------|----------------|----------------|----------------|
| Nova T | 1.5 A | No derating | No derating |

| **Fully variable** | | |
|-----------------|----------------|----------------|----------------|
| Nova T | 6 A | 4.2 A | 2.5 A |
| Nova T | 12 A | 10 A | 8.3 A |

| **Switches** | | |
|-----------------|----------------|----------------|----------------|
| Electronic (light/fan) | | |
| GRAFIK T | 5 A/3 A | 4.2 A/3 A | 3.3 A/3 A |

| Mechanical | | |
|-----------------|----------------|----------------|----------------|
| Nova T | 20 A | No derating | No derating |
## Derating Table 3

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

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Designer</th>
<th>Caséta Wireless, Diva, Luméa, Maestro, Skylark, Skylark Contour, Sunnata, Vive Maestro Wireless</th>
<th>150W</th>
<th>No derating</th>
<th>No derating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caséta Wireless, Diva, Skylark Contour</td>
<td>250W</td>
<td>No derating</td>
<td>No derating</td>
<td></td>
</tr>
<tr>
<td>Maestro PRO</td>
<td>250W</td>
<td>200W</td>
<td>150W</td>
<td></td>
</tr>
</tbody>
</table>

### Incandescent

<table>
<thead>
<tr>
<th>Designer</th>
<th>Caséta Wireless, Diva, Skylark Contour</th>
<th>500W</th>
<th>400W</th>
<th>300W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caséta Wireless, Diva, Luméa, Maestro, Skylark, Skylark Contour, Sunnata, Vive Maestro Wireless</td>
<td>600W</td>
<td>500W</td>
<td>400W</td>
<td></td>
</tr>
<tr>
<td>Caséta Wireless, Diva, Skylark, Skylark Contour, Sunnata, Vive Maestro Wireless</td>
<td>1000W</td>
<td>800W</td>
<td>650W</td>
<td></td>
</tr>
</tbody>
</table>

### Incandescent (dual dimmer)

<table>
<thead>
<tr>
<th>Designer</th>
<th>Maestro, Skylark (light/line)</th>
<th>300W/300W</th>
<th>250W/250W</th>
<th>200W/200W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maestro (light/line and fan)</td>
<td>300W/2.5A</td>
<td>250W/2A</td>
<td>200A/1.5A</td>
<td></td>
</tr>
<tr>
<td>Maestro (light/line and timer)</td>
<td>300W/2.5A</td>
<td>250W/2A</td>
<td>200A/1.5A</td>
<td></td>
</tr>
</tbody>
</table>

### Magnetic low-voltage

<table>
<thead>
<tr>
<th>Designer</th>
<th>Caséta Wireless</th>
<th>400 VA/300W</th>
<th>No derating</th>
<th>No derating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diva, Maestro, Skylark, Skylark Contour, Vive Maestro Wireless</td>
<td>600 VA/450W</td>
<td>500 VA/400W</td>
<td>400 VA/300W</td>
<td></td>
</tr>
<tr>
<td>Caséta Wireless, Diva, Maestro</td>
<td>1000 VA/800W</td>
<td>800 VA/650W</td>
<td>650 VA/500W</td>
<td></td>
</tr>
</tbody>
</table>

### Electronic low-voltage

<table>
<thead>
<tr>
<th>Designer</th>
<th>Diva, Skylark, Skylark Contour</th>
<th>300W</th>
<th>250W</th>
<th>200W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caséta Wireless, Diva, Skylark Contour</td>
<td>500W</td>
<td>400W</td>
<td>300W</td>
<td></td>
</tr>
<tr>
<td>Maestro, Vive Maestro Wireless</td>
<td>600W</td>
<td>500W</td>
<td>400W</td>
<td></td>
</tr>
</tbody>
</table>

## Derating Table 3 (continued)

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

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
</table>

### 2-wire LED

<table>
<thead>
<tr>
<th>Designer</th>
<th>Diva, Vive Maestro Wireless</th>
<th>8 drivers/350W</th>
<th>No derating</th>
<th>No derating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caséta Wireless</td>
<td>13 drivers/520W</td>
<td>No derating</td>
<td>No derating</td>
<td></td>
</tr>
<tr>
<td>Caséta Wireless</td>
<td>20 drivers/400W</td>
<td>No derating</td>
<td>No derating</td>
<td></td>
</tr>
</tbody>
</table>

### 3-wire LED/fluorescent

<table>
<thead>
<tr>
<th>Designer</th>
<th>Diva</th>
<th>6A</th>
<th>No derating</th>
<th>No derating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maestro</td>
<td>20 ballasts or drivers/6A</td>
<td>20 ballasts or drivers/5A</td>
<td>20 ballasts or drivers/3.5A</td>
<td></td>
</tr>
<tr>
<td>Diva, Skylark</td>
<td>8A</td>
<td>No derating</td>
<td>No derating</td>
<td></td>
</tr>
</tbody>
</table>

### Tu-Wire fluorescent

<table>
<thead>
<tr>
<th>Designer</th>
<th>Caséta Wireless</th>
<th>3.3A</th>
<th>No derating</th>
<th>No derating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caséta Wireless</td>
<td>5A</td>
<td>No derating</td>
<td>No derating</td>
<td></td>
</tr>
<tr>
<td>Diva, Skylark, Vive Maestro Wireless</td>
<td>5A</td>
<td>4A</td>
<td>3.3A</td>
<td></td>
</tr>
</tbody>
</table>

### 0–10V fixture

<table>
<thead>
<tr>
<th>Designer</th>
<th>Diva, Maestro sensor – no power pack</th>
<th>8A/50 mA</th>
<th>No derating</th>
<th>No derating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diva – power pack required</td>
<td>30 mA</td>
<td>No derating</td>
<td>No derating</td>
<td></td>
</tr>
</tbody>
</table>
### Derating Table 3 (continued)

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

<table>
<thead>
<tr>
<th>Fan controls</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quiet 3-speed</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diva, Skylark, Skylark Contour</td>
<td>1.5A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>Diva, Skylark</td>
<td>2A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td><strong>Fully variable</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skylark</td>
<td>5A</td>
<td>4A</td>
<td>3A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fan/light controls</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quiet 3-speed</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skylark (fan/light)</td>
<td>1.5A/300W (inc)</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>Diva (fan/light)</td>
<td>1.5A/2A (inc), 1A (LED/CFL)</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>Skylark (fan/light)</td>
<td>1.5A/3A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td><strong>Fully variable</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skylark (fan/light)</td>
<td>2.5A/300W (inc)</td>
<td>2.1A/250W</td>
<td>1.7A/200W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Switches</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electronic</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maestro sensor</td>
<td>2A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>Maestro sensor (light/fan)</td>
<td>5A/3A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>Caséta Wireless (light/fan)</td>
<td>5A/3A</td>
<td>4A/3A</td>
<td>3A/3A</td>
</tr>
<tr>
<td>Maestro</td>
<td>6A</td>
<td>5A</td>
<td>3.5A</td>
</tr>
<tr>
<td>Maestro PIR sensor (light/fan)</td>
<td>6A/3A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>Vive Maestro Wireless (light/fan)</td>
<td>6A/3A</td>
<td>5A/3A</td>
<td>3.5A/3A</td>
</tr>
<tr>
<td>Caséta Wireless (light/fan)</td>
<td>6A/3.6A</td>
<td>6A/3.6A</td>
<td>5A/3.6A</td>
</tr>
<tr>
<td>Maestro DT sensor (light/fan)</td>
<td>6A/4.4A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>Maestro (light/fan)</td>
<td>8A/3A</td>
<td>6.25A/3A</td>
<td>5A/3A</td>
</tr>
<tr>
<td>Vive Maestro Wireless (120–277V, light/fan)</td>
<td>8A/3A</td>
<td>8A/3A</td>
<td>7A/3A</td>
</tr>
<tr>
<td><strong>Dual switch/switch</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maestro sensor (light/fan/light/fan)</td>
<td>6A/4.4A/6A/4.4A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td><strong>Timers</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maestro (light/fan)</td>
<td>5A/3A</td>
<td>4A/3A</td>
<td>3A/3A</td>
</tr>
</tbody>
</table>

### Derating Table 4

**Traditional | Ariadni, Rotary**

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimmable LED/CFL (screw-base)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ariadni</td>
<td>150W</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>Ariadni</td>
<td>250W</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td><strong>Incandescent</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ariadni</td>
<td>600W</td>
<td>500W</td>
<td>400W</td>
</tr>
<tr>
<td>Ariadni</td>
<td>1000W</td>
<td>800W</td>
<td>650W</td>
</tr>
<tr>
<td><strong>Magnetic low-voltage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ariadni</td>
<td>600VA/450W</td>
<td>500VA/400W</td>
<td>400VA/300W</td>
</tr>
<tr>
<td><strong>2-wire LED</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ariadni</td>
<td>8 drivers/350W</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td><strong>3-wire LED/fluorescent</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ariadni</td>
<td>6A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td>Ariadni</td>
<td>8A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Fan controls</strong></th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quiet 3-speed</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ariadni, Rotary</td>
<td>1.5A</td>
<td>No derating</td>
<td>No derating</td>
</tr>
<tr>
<td><strong>Fully variable</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rotary</td>
<td>5A</td>
<td>4A</td>
<td>3A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Fan/light controls</strong></th>
<th>No fins broken</th>
<th>1 fin broken</th>
<th>2 fins broken</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quiet 3-speed</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ariadni (fan/light)</td>
<td>1.5A/300W (inc)</td>
<td>No derating</td>
<td>No derating</td>
</tr>
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</table>
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
Caseta 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

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

Technical Support Wiring Tool Diagrams

Technical Support Wiring Tool Diagrams

For more information, refer to the Lutron DIY Wiring Tool or visit the Lutron Support Center.

Note: Only a sensor switch will have the second bare ground wire. Sensor switch must be grounded for the sensor to operate.
Wiring diagrams

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

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

Technical Support Wiring Tool Diagrams

APPENDIX
A history of sustainability, innovation, and quality

Sustainability
At Lutron, sustainability is not a new concept. Since 1961, we have been designing industry-leading technology that saves energy and reduces greenhouse gas emissions, and we are a proud member of the U.S. Green Building Council.

Our philosophy
Lutron is a company built on a belief in taking care of the people: customers, employees, and the community. We innovate in advance of emerging market needs and continually improve our quality, our delivery, and our value.

Innovation
Lutron is the global leader in lighting and shade control for the home, workplace and beyond. We offer more than 15,000 products from individual dimmers to lighting and shading management solutions for entire homes and buildings, creating beautiful lighting environments worldwide.

Global service and support
Lutron service and support is unrivaled in the lighting control industry. We offer 24/7 technical support, and a global network of salespeople and engineers who are there from initial project design to final system commissioning, and for the life of your project. For nearly 60 years we have been committed to taking care of our customers, and we look forward to working with you on your next project.

lutron.com
World Headquarters 1.610.282.3800
Technical Support Center 1.800.523.9466 (Available 24/7)
Customer Service 1.888.LUTRON1

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