


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

## Product family features

- Matches existing switches
- Toggle-style switch turns light on to level set by slider
- Slide adjusts light to your favorite level
- eco-dim® model available
- 1000 W preset dimmers have voltage compensation which maintains stable light levels, despite line voltage variations
- 100% factory tested
- Coordinating Fassada® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

## Control types

Single-pole (one location)

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

## Direct load type compatibility

Incandescent/halogen lighting

Magnetic low-voltage lighting

Fluorescent lighting

LED 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 pg. 174.

## Available finishes

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

Gloss finishes*



**WH**
White



**LA**
Light Almond



**AL**
Almond



**IV**
Ivory



**BR**
Brown



**BL**
Black



**SS**
Stainless Steel

*Coordinating wallplates only available separately. For wallplate information, see pg. 166.

Stainless Steel wallplate includes black plastic trim/adapter, visible from side. Match with separate Black (BL) controls.

## Dimmers

### Dimmers



- Toggle turns on/off
- Slide up to brighten; down to dim
- eco-dim® model guarantees at least 15% energy savings compared to a standard switch

### Dimmers with locator light



- Toggle turns lights on/off
- Slide up to brighten; down to dim
- Includes amber locator light
- Not available in black

## Fan and fan/light controls

### Fan controls



- Toggle turns fan 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
- Quiet 3-speed designed to prevent motor hum

### Fan/light controls



**Fan control** (left)

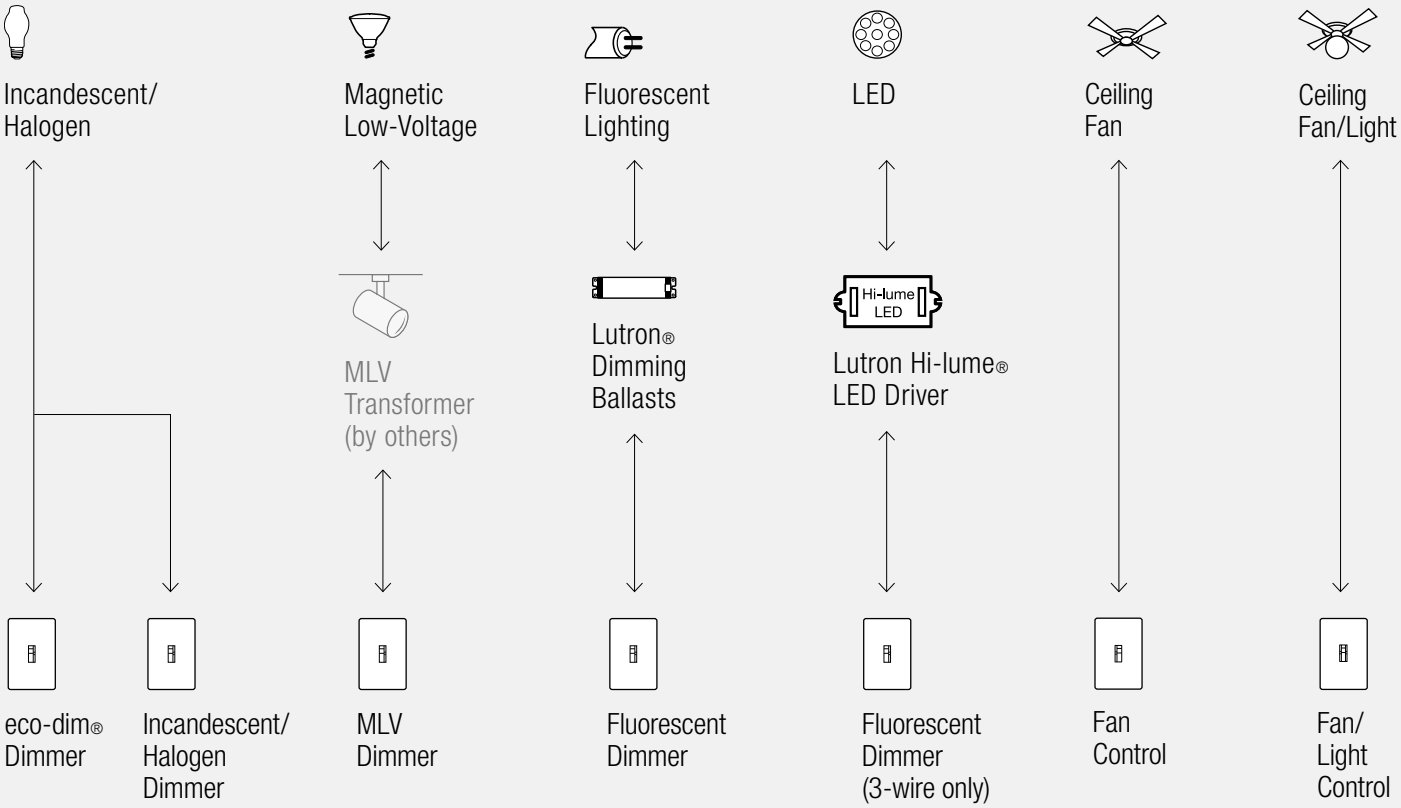
- Slide up to on/increase fan speed; down to decrease fan speed/off
- 3-quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Quiet 3-speed designed to prevent motor hum

**Dimmer** (right)

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

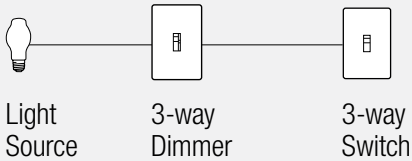
## Connections overview

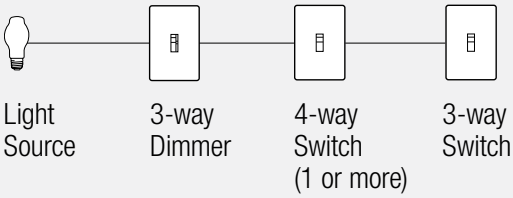
### Load connections*




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

Dim from one location, switch from the others




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

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

## Dimmer model numbers

### Incandescent/halogen dimmers

#### Preset dimmers

| | |
|---|---|
| Single-pole<br>120V 600W | AY-600P-**CC**[3] |
| Single-pole<br>120V 1000W | AY-10P-**CC**[3] |
| 3-way<br>120V 600W | AY-603P-**CC**[3] |
| 3-way<br>120V 1000W | AY-103P-**CC**[3] |

#### Preset dimmers with locator light

| | |
|---|---|
| Single-pole<br>120V 600W | AY-600PNL-**CC**[3] |
| Single-pole<br>1000W | AY-10PNL-**CC**[3] |
| 3-way<br>120V 600W | AY-603PNL-**CC**[3] |
| 3-way<br>120V 1000W | AY-103PNL-**CC**[3] |

#### eco-dim® preset dimmer

| | |
|---|---|
| 3-way/single-pole<br>120V 600W | AY-603PG-**EE**[2] |

eco-dim model guarantees at least 15% energy savings compared to a standard switch.

### Magnetic low-voltage dimmers

#### Preset dimmers

| | |
|---|---|
| Single-pole<br>120V 600VA (450W) | AYLV-600P-**CC**[3] |
| 3-way<br>120V 600VA (450W) | AYLV-603P-**CC**[3] |

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.

**CC**[3]: Gloss color codes, see pg. 125
**EE**[2]: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)
(Wallplates not included, order separately, see pg. 168)

## Dimmer, fan and fan/light control model numbers

### 3-wire fluorescent dimmers*

#### Preset dimmers

| | |
|---|---|
| 3-way/single-pole<br>120V 8A | AYF-103P-**CC**[3] |
| 3-way/single-pole<br>277V 6A | AYF-103P-277-**CC**[3] |

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts.
Also compatible with Hi-lume® LED driver.
No derating required if ganged.
Adjustable low-end trim.

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

#### Preset dimmers

| | |
|---|---|
| 3-way/single-pole<br>120V 8A | AYF-103P-**CC**[3] |
| 3-way/single-pole<br>277V 6A | AYF-103P-277-**CC**[3] |

For use with Hi-lume LED driver only.
For more information on Hi-lume LED drivers, visit **www.lutron.com/HilumeLED**.
No derating required if ganged.
Adjustable low-end trim.

### Fan control

#### Fan control—quiet 3-speed

| | |
|---|---|
| 3-way/single-pole<br>120V 1.5A | AYFSQ-F-**CC**[3] |

### Fan/light control

#### Fan control and dimmer—quiet 3-speed

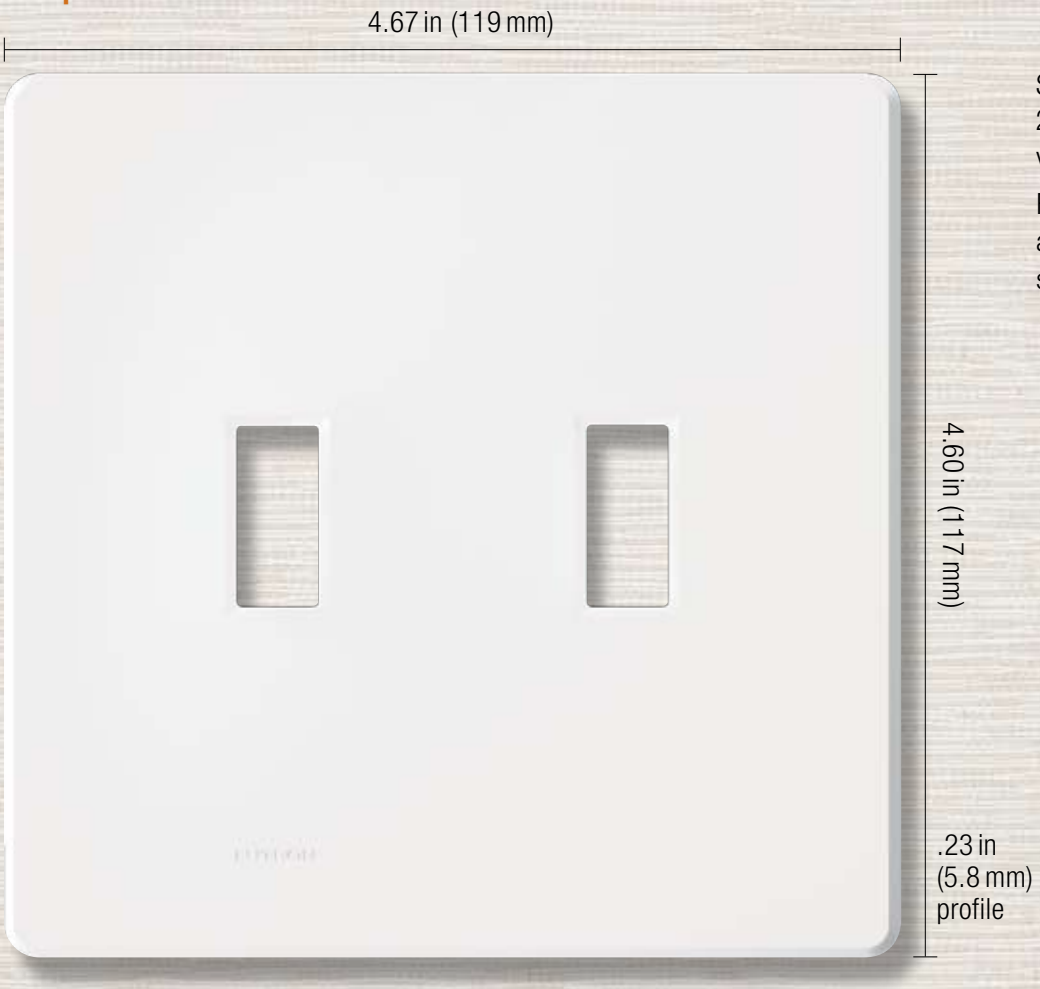
| | |
|---|---|
| Single-pole fan control<br>120V 1.5A (left)<br>Single-pole dimmer 120V 300W incandescent/halogen (right) | AY2-LFSQ-**CC**[3] |

All models must be derated if ganged unless otherwise noted, see pg. 170.
For more information on ballasts, visit **www.lutron.com/ballasts**.

***Requires neutral wire connection.**

## Accessories

### Wallplates




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

For more information about Traditional wallplates, see pg. 166.

### Coordinated electrical devices



Tamper resistant GFCI receptacle

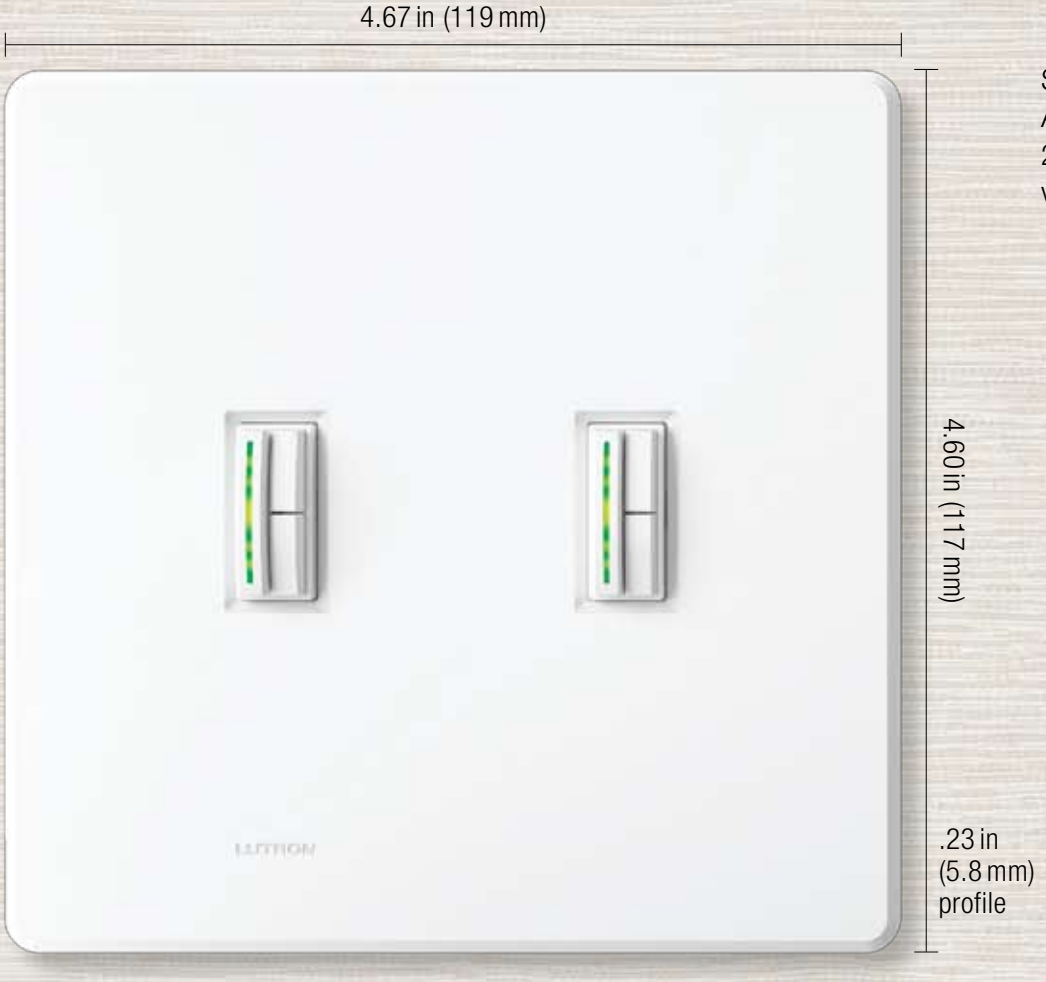


Customizable 6-port frame



Cable jack

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




Shown actual size: Abella 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): Abella®, Ceana®, Ariadni®, Glyder® and Rotary
- All Lutron wallplates are screwless, seamless and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- Traditional wallplates can be paired with designer accessories to complete the look of any room
- Customize your traditional wallplate with engraving, contact customer service to get started at 1.888.LUTRON1

### Ganging and derating

- Traditional wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing ("Fins Broken" ganging), see pg. 170
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 172

## Available finishes

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

Gloss finishes



**WH**
White



**LA**
Light Almond



**AL**
Almond



**IV**
Ivory



**BL**
Black

Metal finishes



**SS**
Stainless Steel*

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

## Wallplates for Abella®, Ceana®, Ariadni®, Glyder® and Rotary



| | |
|---|---|
| 1-gang | FG-1-**CC**[3] |
| Stainless Steel* | FW-1-SS |
| W: 2.86 in (73 mm); H: 4.60 in (117 mm); D: .23 in (5.8 mm) | |



| | |
|---|---|
| 3-gang | FG-3-**CC**[3] |
| Stainless Steel* | FW-3-SS |
| W: 6.48 in (165 mm); H: 4.60 in (117 mm); D: .23 in (5.8 mm) | |



| | |
|---|---|
| 2-gang | FG-2-**CC**[3] |
| Stainless Steel* | FW-2-SS |
| W: 4.67 in (119 mm); H: 4.60 in (117 mm); D: .23 in (5.8 mm) | |

Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox, see Application Note #213 (Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box) at **www.lutron.com/applicationnotes**.

Controls must have heat-sink fins broken for multi-gang installations. Removing this metal reduces the amount of heat that the control can dissipate, thus reducing the wattage capacity of the control. Please derate dimmers and switches as required.

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

## Combination opening



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

| | |
|---|---|
| 2-gang (1 traditional, 1 designer opening) | FG-2-TD-**CC**[3] |
| Stainless Steel* | FW-2-TD-SS |
| W: 4.67 in (119 mm); H: 4.60 in (117 mm); D: .23 in (5.8 mm) | |

**CC**[3]: Gloss color codes, see pg. 167

Controls must have heat-sink fins broken for multi-gang installations.
Multi-gang dimmer installations may require derating, see pg. 170.

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

## How to understand ganging and derating

### Standard ganging

Ganging is the side-by-side mounting of two or more dimmers or accessory devices under a multi-gang wallplate.

Standard multi-gang installation:

- Uses standard multi-gang electrical backboxes
- Uses standard multi-gang wallplates
- Requires fins to be removed from dimmers for proper spacing ("Fins Broken" ganging)
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pgs. 172–173

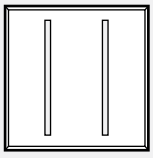
### Custom ganging for Architectural style controls

For Architectural style dimmers and switches, it is possible to retain the maximum capacity of dimmers in multi-gang applications via custom architectural multi-gang:

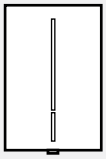
- May require customized, wider-than-standard wallplates
- May require wider-than-standard electrical backboxes
- Allows full capacity ("No Fins Broken") ganging
- Required for Nova® dimmers and for larger width (high capacity) architectural controls
- Visit **www.lutron.com/customganging** for additional information

## Standard ganging for dimmers, switches and accessories

### New Architectural



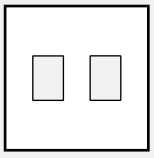
pg. 148



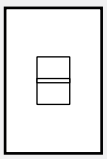
Vierti®

Derating Table 1
pg. 172

### Architectural



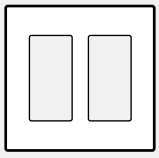
pg. 152



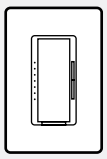
Vareo®
Nova T☆®

Derating Table 2
pg. 173

### Designer



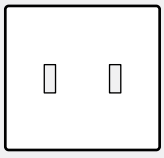
pg. 160



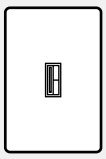
Maestro®
Maestro IR®
Maestro Wireless®
Spacer System®
Diva®
Lyneo® Lx
Skylark®
Skylark Contour™

Derating Table 1
pg. 172

### Traditional



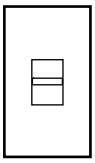
pg. 166



Abella®
Ceana®
Ariadni®
Glyder®
Rotary

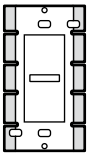
Derating Table 1
pg. 172

**Standard ganging and fins broken derating examples:**



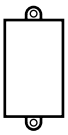
One Nova T☆® dimmer

=



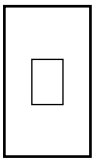
No fins broken
Full capacity

+

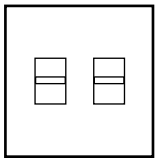


Standard 1-gang backbox

+

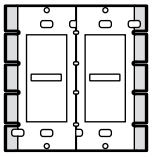


Standard 1-gang architectural wallplate



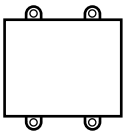
Two Nova T☆ dimmers
"Fins Broken" ganging

=



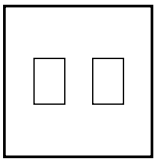
One fin broken*
Partial derating

+

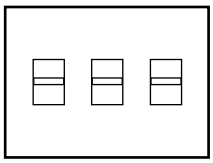


Standard 2-gang backbox

+

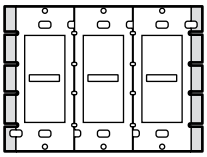


Standard 2-gang architectural wallplate



Three Nova T☆ dimmers
"Fins Broken" ganging

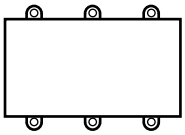
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Inside: Two fins broken*
Full derating

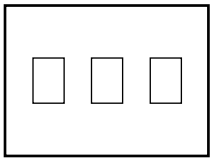
Outside: One fin broken*
Partial derating

+



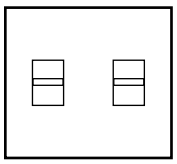
Standard 3-gang backbox

+



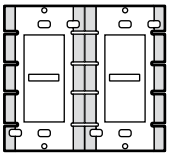
Standard 3-gang architectural wallplate

**Custom Architectural ganging example:**



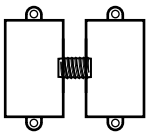
Two Nova T☆ dimmers
"No Fins Broken" ganging

=



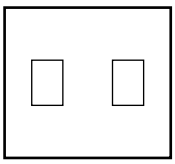
No fins broken
Full capacity

+



Backbox with chase nipple

+



Custom architectural wallplate

For further information on ganging and derating, visit **www.lutron.com/multigang**.

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

**Derating Table 1**

**New Architectural** | Vierti®
**Designer** | Maestro®, Maestro IR®, Maestro Wireless®, Spacer System®, Diva®, Lyneo® Lx, Skylark Contour™, Skylark®
**Traditional** | Abella®, Ceana®, Ariadni®, Glyder®, Rotary

| |  No fins broken |  1 fin broken |  2 fins broken |
|---|---|---|---|
| **Incandescent** | | | |
| Dimmers | 600W | 500W | 400W |
| | 1000W | 800W | 650W |
| Dual dimmers | 300W | 250W | 200W |
| | 300W | 250W | 200W |
| **Magnetic low-voltage** | | | |
| Dimmers | 600VA/450W | 500VA/400W | 400VA/300W |
| | 1000VA/800W | 800VA/650W | 650VA/500W |
| **Electronic low-voltage** | | | |
| Dimmers | 300W | 250W | 200W |
| | 500W | 450W | 400W |
| | 600W | 500W | 400W |
| **Fluorescent** | | | |
| Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem® | | | |
| Vierti | 60 ballasts/6A | 50 ballasts/5A | 35 ballasts/3.5A |
| Maestro/Spacer System | 20 ballasts/6A | 20 ballasts/5A | 20 ballasts/3.5A |
| Diva, Skylark, Lyneo Lx and Ariadni | no derating | no derating | no derating |
| Tu-Wire®: Spacer System, Diva, Skylark | 5A | 4A | 3.3A |
| **Fan controls** | | | |
| Quiet 7-speed | 1.0A/300W | 1.0A/300W | 1.0A/300W |
| Quiet 3-speed | 1.5A | 1.5A | 1.5A |
| Fully variable | 5A | 4A | 3A |
| **Fan/light controls** | | | |
| Quiet 7-speed | 1.0A/300W | 1.0A/300W | 1.0A/300W |
| Quiet 3-speed | 1.5A/300W | 1.5A/300W | 1.5A/300W |
| | 1.5A/360W | 1.5A/360W | 1.5A/360W |
| Fully variable | 2.5A/300W | 2.1A/250W | 1.7A/200W |
| **Electronic switches** | | | |
| Vierti | 6A/3A | 5A/3A | 3.5A/3A |
| Maestro (light/fan) | 8A/3A | 6.5A/3A | 5A/3A |
| Abella (light/fan) | 6A/3A | 5A/3A | 3.5A/3A |

**Derating Table 2**

**Architectural** | Vareo®, Nova T☆®

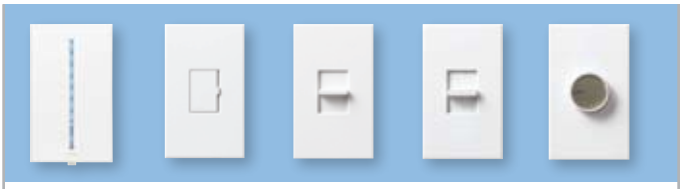
| |  No fins broken |  1 fin broken |  2 fins broken |
|---|---|---|---|
| **Incandescent** | | | |
| Dimmers | 600W | 500W | 300W |
| | 1000W | 900W | 700W |
| | 1500W | 1250W | 1000W |
| | 1950W | – | – |
| **Magnetic low-voltage** | | | |
| Dimmers | 600VA/450W | 500VA/400W | 300VA/250W |
| | 1000VA/800W | 900VA/750W | 700VA/500W |
| | 1500VA/1200W | 1250VA/1000W | 1000VA/800W |
| **Electronic low-voltage** | | | |
| Dimmers | 300W | 300W | 250W |
| | 600W | 500W | 400W |
| **Fluorescent** | | | |
| Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem® | | | |
| Vareo | 20 ballasts/8A | 20 ballasts/6A | 20 ballasts/4.5A |
| Nova T☆ | 6A | no derating | no derating |
| | 8A | no derating | no derating |
| | 16A | no derating | no derating |
| 0-10VDC control[1] | 30mA ballasts | no derating | no derating |
| Tu-Wire® | 5A | 4A | 3.3A |
| **Fan controls** | | | |
| Quiet 3-speed | 1.5A | no derating | no derating |
| Fully variable | 6A | 4.2A | 2.5A |
| Fully variable | 12A | 10A | 8.3A |
| **Electronic tapswitches**[2] | | | |
| VETS-1000- | 1000W | 800W | 650W |
| VETS-1000-SL- | 1000W | 900W | 700W |
| VETN-1000- | 1000VA | 700VA | 550VA |

For further information on ganging Nova®, visit **www.lutron.com/customganging**.

[1]PowerPack required for line voltage switching.
[2]VETS-R-Auxiliary electronic tapswitches do not require derating.

**Dimmer capabilities and interface requirements**

- Ⓜ Multi-location—true dimming from each location
- Ⓔ eco-model available
- Compatible dimmer (no interface)
- WBX TVI 3F PA Requires interface, see notes below



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

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

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

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

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

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

*Consult Lutron Technical Support for information on interfaces with Vierti.

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

**Dimmer capabilities and interface requirements**

- Ⓜ Multi-location—true dimming from each location
- Ⓔ eco-model available
- Compatible dimmer (no interface)
- WBX TVI 3F PA Requires interface, see notes below



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

**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)
**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)
**TVI**: 0-10V Interface (GRX-TVI)
**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)

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

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

**Dimmer capabilities and interface requirements**

- Ⓜ Multi-location—true dimming from each location
- Ⓔ eco-model available
- Compatible dimmer (no interface)
- WBX TVI 3F PA Requires interface, see notes below



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

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

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

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

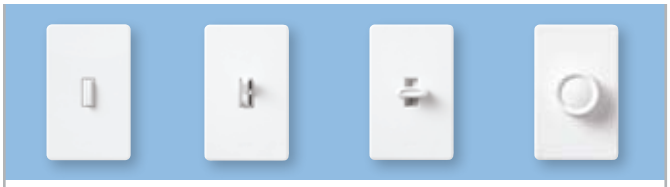
**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)

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

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

**Dimmer capabilities and interface requirements**

- Ⓜ Multi-location—true dimming from each location
- Ⓔ eco-model available
- Compatible dimmer (no interface)
- WBX TVI 3F PA Requires interface, see notes below



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

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

**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)
**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)
**TVI**: 0-10V Interface (GRX-TVI)
**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)

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

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

### Dimmer models/load interface compatibility

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

**Use only dimmer model numbers listed.**

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

### Dimmer models/load interface compatibility

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

**Use only dimmer model numbers listed.**

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

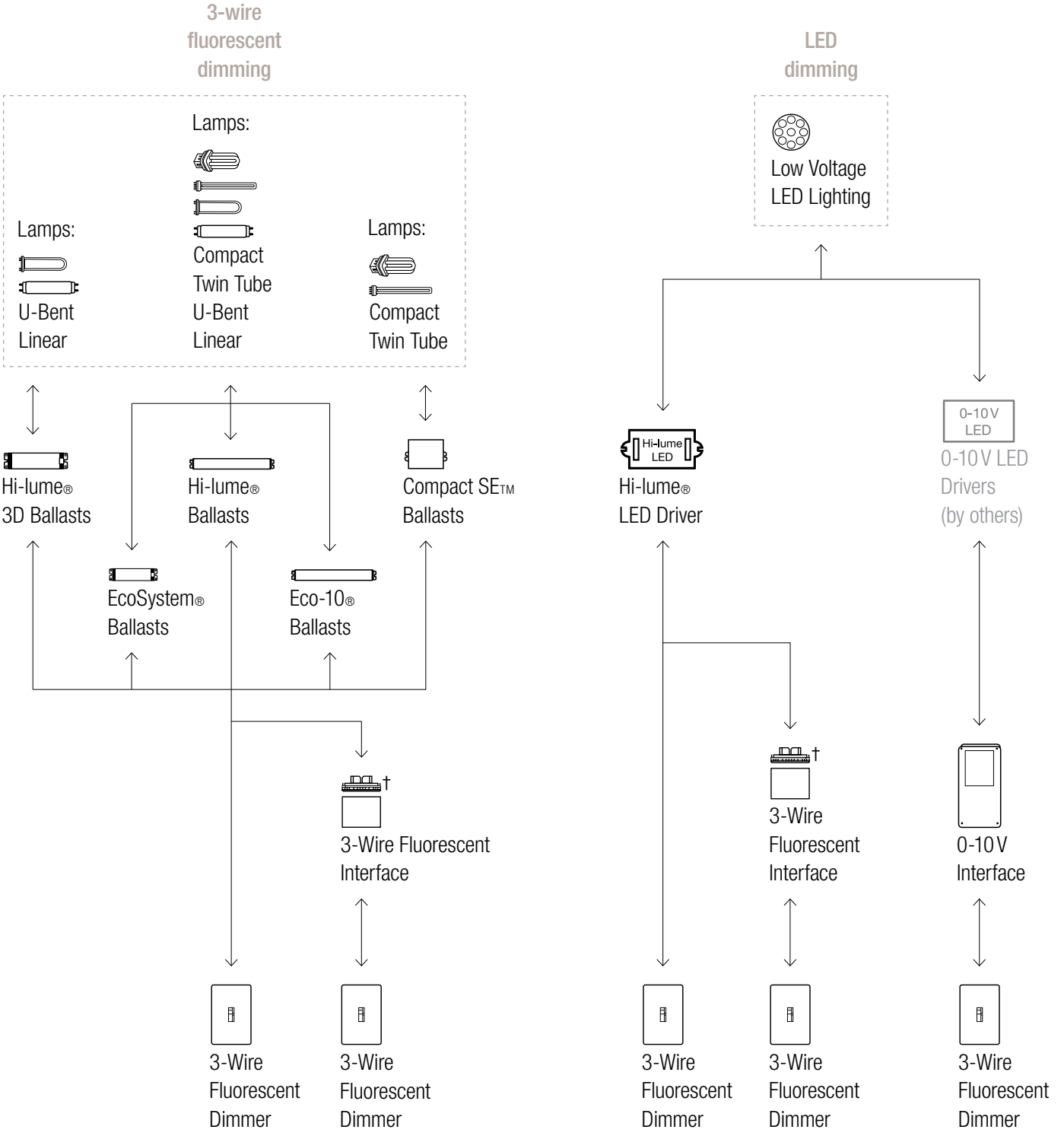
#### Technical notes

- Lighting load interfaces must be matched to load type and voltage
- All load interfaces for dimmed load are controlled by a 120V 3-wire fluorescent dimmer
- Power feed to dimmer may differ from lighting load/interface voltage
- Interfaces typically require additional power feeds
- For wiring information, consult wiring diagrams, see pgs. 193-195
- For assistance and additional solutions, consult Lutron Technical Support at 1.800.523.9466 (24 hours/7 days)

#### Interface mounting

- PHPM interfaces mount to 2-gang electrical backbox (W: 6.30in x H: 5.10in)
- GRX-TVI enclosure is surface mount only (W: 6.10in x H: 12.50in x D: 3.30in)

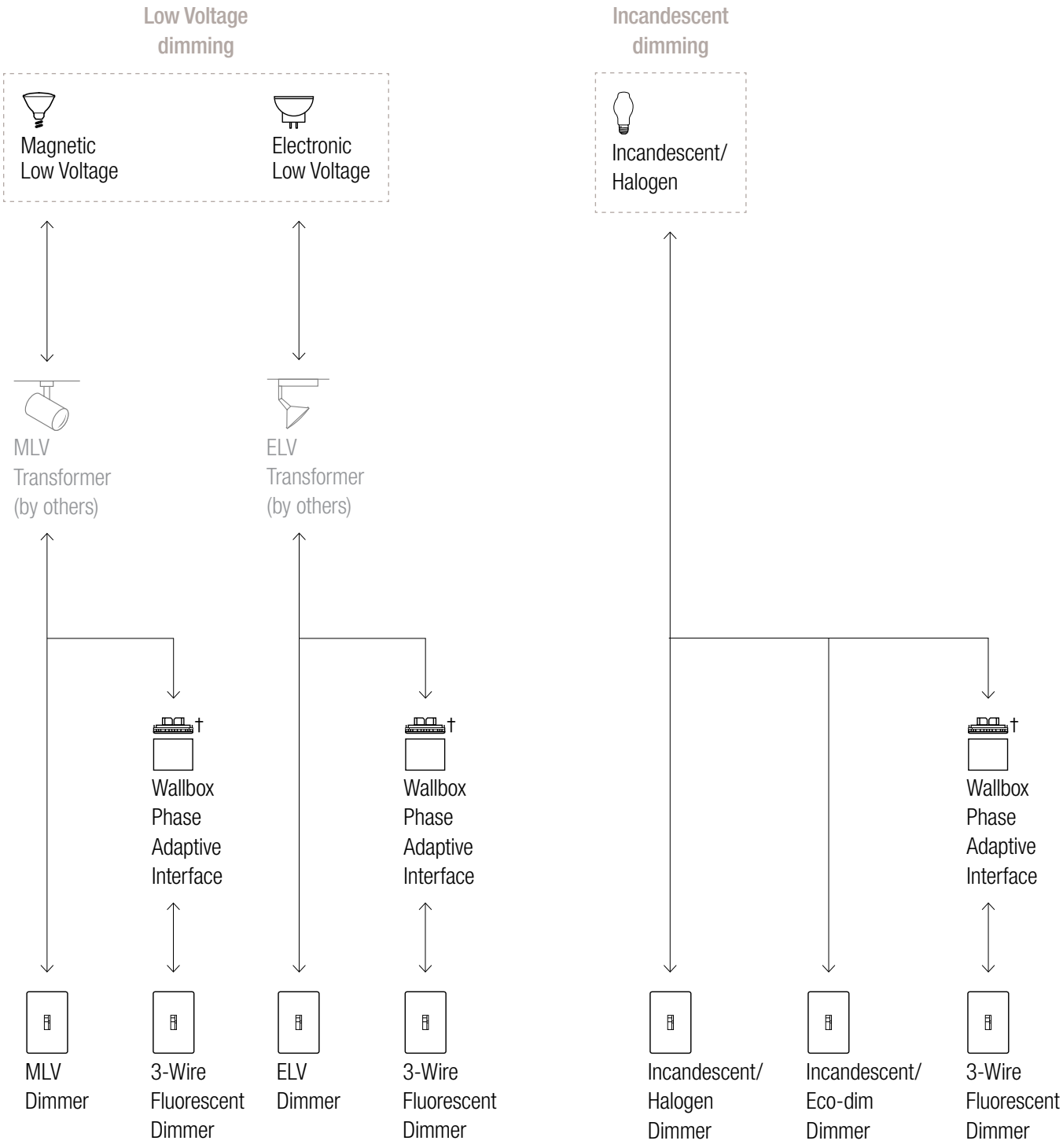
# Ariadni®




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

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

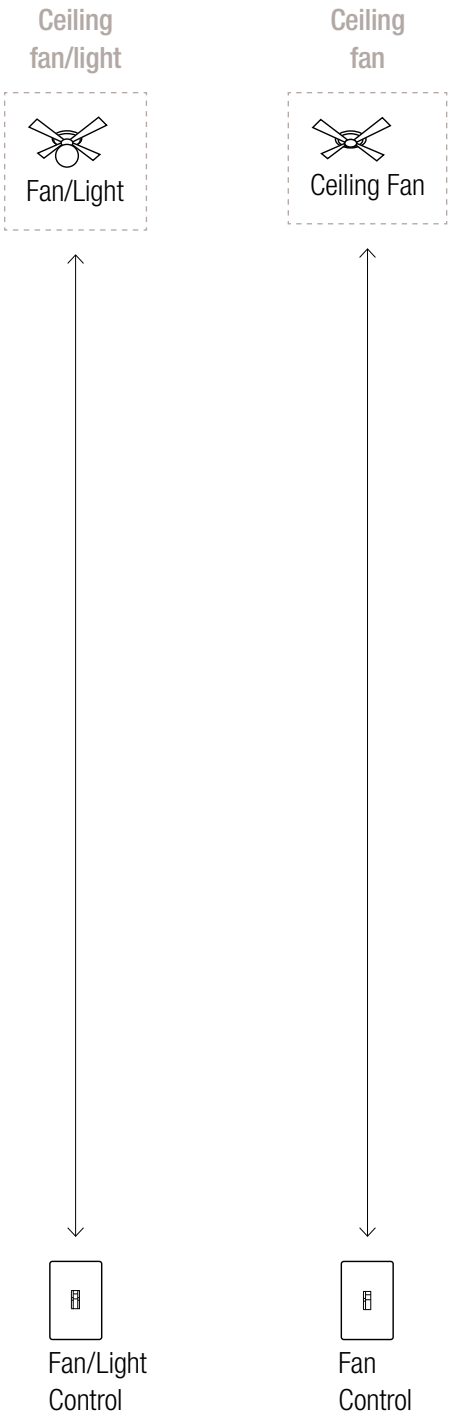
## Ariadni®




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

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

## Ariadni®




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




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

## Product family features

- Matches existing switches
- Toggle-style switch turns light on to level set by slider
- Slide adjusts light to your favorite level
- eco-dim® model available
- 1000 W preset dimmers have voltage compensation which maintains stable light levels, despite line voltage variations
- 100% factory tested
- Coordinating Fassada® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 155

## Control types

Single-pole (one location)

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

## Direct load type compatibility

Incandescent/halogen lighting

Magnetic low-voltage lighting

Fluorescent lighting

LED 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 pg. 174.

## Available finishes

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

Gloss finishes*



**WH**
White



**LA**
Light Almond



**AL**
Almond



**IV**
Ivory



**BR**
Brown



**BL**
Black



**SS**
Stainless Steel

*Coordinating wallplates only available separately. For wallplate information, see pg. 166.

Stainless Steel wallplate includes black plastic trim/adapter, visible from side. Match with separate Black (BL) controls.

## Dimmers

### Dimmers



- Toggle turns on/off
- Slide up to brighten; down to dim
- eco-dim® model guarantees at least 15% energy savings compared to a standard switch

### Dimmers with locator light



- Toggle turns lights on/off
- Slide up to brighten; down to dim
- Includes amber locator light
- Not available in black

## Fan and fan/light controls

### Fan controls



- Toggle turns fan 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
- Quiet 3-speed designed to prevent motor hum

### Fan/light controls



**Fan control** (left)

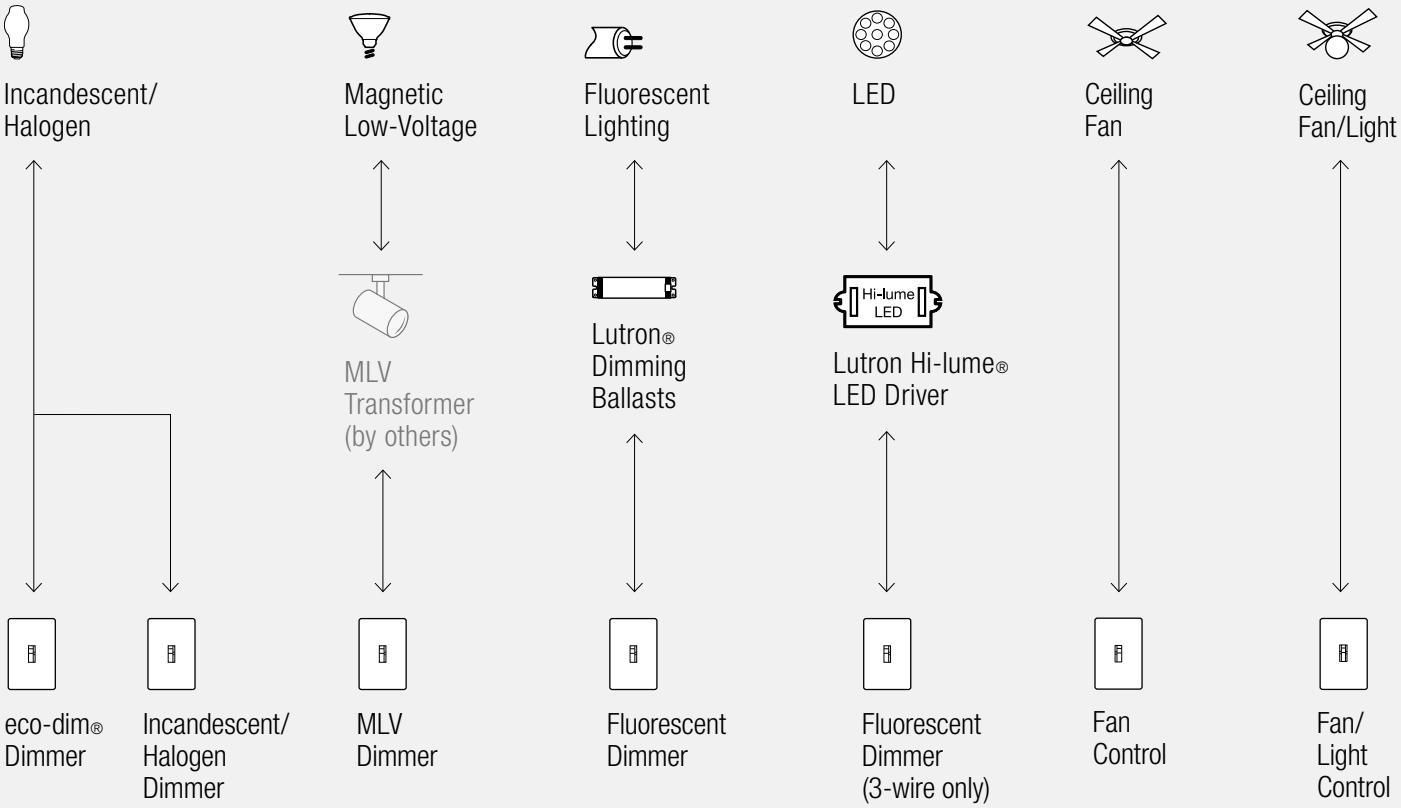
- Slide up to on/increase fan speed; down to decrease fan speed/off
- 3-quiet fan speeds for increased comfort
- For use with only one ceiling paddle fan
- Quiet 3-speed designed to prevent motor hum

**Dimmer** (right)

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

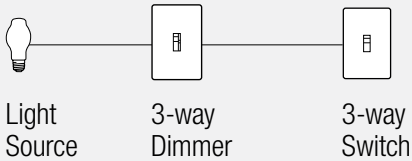
## Connections overview

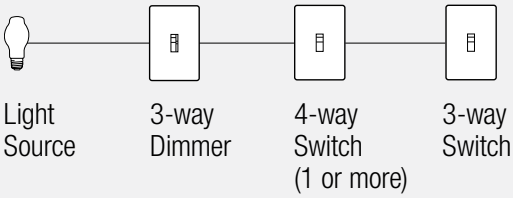
### Load connections*




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

Dim from one location, switch from the others




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

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

## Dimmer model numbers

### Incandescent/halogen dimmers

#### Preset dimmers

| | |
|---|---|
| Single-pole<br>120V 600W | AY-600P-**CC**[3] |
| Single-pole<br>120V 1000W | AY-10P-**CC**[3] |
| 3-way<br>120V 600W | AY-603P-**CC**[3] |
| 3-way<br>120V 1000W | AY-103P-**CC**[3] |

#### Preset dimmers with locator light

| | |
|---|---|
| Single-pole<br>120V 600W | AY-600PNL-**CC**[3] |
| Single-pole<br>1000W | AY-10PNL-**CC**[3] |
| 3-way<br>120V 600W | AY-603PNL-**CC**[3] |
| 3-way<br>120V 1000W | AY-103PNL-**CC**[3] |

#### eco-dim® preset dimmer

| | |
|---|---|
| 3-way/single-pole<br>120V 600W | AY-603PG-**EE**[2] |

eco-dim model guarantees at least 15% energy savings compared to a standard switch.

### Magnetic low-voltage dimmers

#### Preset dimmers

| | |
|---|---|
| Single-pole<br>120V 600VA (450W) | AYLV-600P-**CC**[3] |
| 3-way<br>120V 600VA (450W) | AYLV-603P-**CC**[3] |

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.

**CC**[3]: Gloss color codes, see pg. 125
**EE**[2]: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA)
(Wallplates not included, order separately, see pg. 168)

## Dimmer, fan and fan/light control model numbers

### 3-wire fluorescent dimmers*

#### Preset dimmers

| | |
|---|---|
| 3-way/single-pole<br>120V 8A | AYF-103P-**CC**[3] |
| 3-way/single-pole<br>277V 6A | AYF-103P-277-**CC**[3] |

For use with Hi-lume®, Hi-lume® Compact SE, Hi-lume® 3D, Eco-10®, EcoSystem® ballasts.
Also compatible with Hi-lume® LED driver.
No derating required if ganged.
Adjustable low-end trim.

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

#### Preset dimmers

| | |
|---|---|
| 3-way/single-pole<br>120V 8A | AYF-103P-**CC**[3] |
| 3-way/single-pole<br>277V 6A | AYF-103P-277-**CC**[3] |

For use with Hi-lume LED driver only.
For more information on Hi-lume LED drivers, visit **www.lutron.com/HilumeLED**.
No derating required if ganged.
Adjustable low-end trim.

### Fan control

#### Fan control—quiet 3-speed

| | |
|---|---|
| 3-way/single-pole<br>120V 1.5A | AYFSQ-F-**CC**[3] |

### Fan/light control

#### Fan control and dimmer—quiet 3-speed

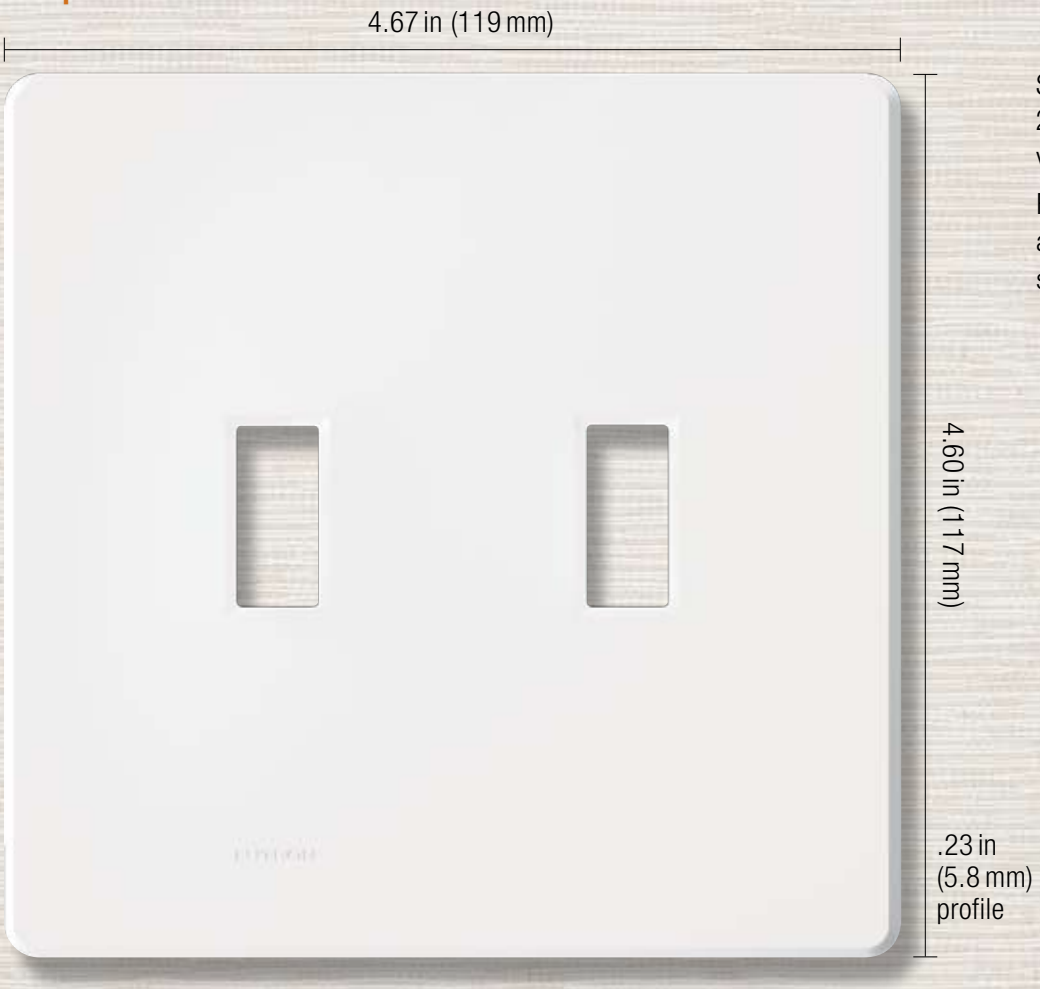
| | |
|---|---|
| Single-pole fan control<br>120V 1.5A (left)<br>Single-pole dimmer 120V 300W incandescent/halogen (right) | AY2-LFSQ-**CC**[3] |

All models must be derated if ganged unless otherwise noted, see pg. 170.
For more information on ballasts, visit **www.lutron.com/ballasts**.

***Requires neutral wire connection.**

## Accessories

### Wallplates




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

For more information about Traditional wallplates, see pg. 166.

### Coordinated electrical devices



Tamper resistant GFCI receptacle

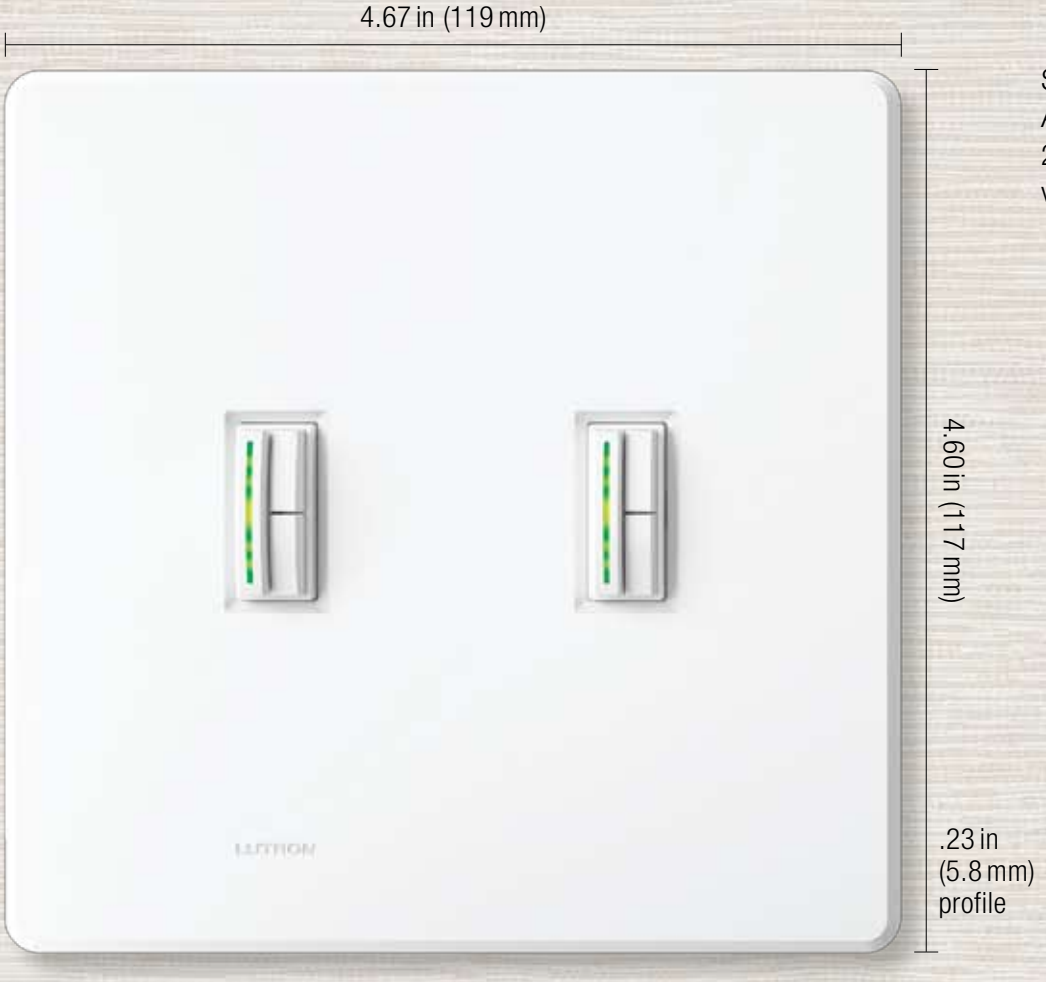


Customizable 6-port frame



Cable jack

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




Shown actual size: Abella 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): Abella®, Ceana®, Ariadni®, Glyder® and Rotary
- All Lutron wallplates are screwless, seamless and have no visible hardware; the front plate securely snaps into the alignment adapter plate
- Traditional wallplates can be paired with designer accessories to complete the look of any room
- Customize your traditional wallplate with engraving, contact customer service to get started at 1.888.LUTRON1

### Ganging and derating

- Traditional wallplates use standard ganging
- Requires fins to be removed from dimmers for proper spacing ("Fins Broken" ganging), see pg. 170
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pg. 172

## Available finishes

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

Gloss finishes



**WH**
White



**LA**
Light Almond



**AL**
Almond



**IV**
Ivory



**BL**
Black

Metal finishes



**SS**
Stainless Steel*

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

## Wallplates for Abella®, Ceana®, Ariadni®, Glyder® and Rotary



| | |
|---|---|
| 1-gang | FG-1-**CC**[3] |
| Stainless Steel* | FW-1-SS |
| W: 2.86 in (73 mm); H: 4.60 in (117 mm); D: .23 in (5.8 mm) | |



| | |
|---|---|
| 3-gang | FG-3-**CC**[3] |
| Stainless Steel* | FW-3-SS |
| W: 6.48 in (165 mm); H: 4.60 in (117 mm); D: .23 in (5.8 mm) | |



| | |
|---|---|
| 2-gang | FG-2-**CC**[3] |
| Stainless Steel* | FW-2-SS |
| W: 4.67 in (119 mm); H: 4.60 in (117 mm); D: .23 in (5.8 mm) | |

Multiple devices with line and low-voltage can be mounted behind a common wallplate using a standard barrier backbox, see Application Note #213 (Combining Low-Voltage and Line Voltage Wiring Devices in a Multi-Gang Box) at **www.lutron.com/applicationnotes**.

Controls must have heat-sink fins broken for multi-gang installations. Removing this metal reduces the amount of heat that the control can dissipate, thus reducing the wattage capacity of the control. Please derate dimmers and switches as required.

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

## Combination opening



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

| | |
|---|---|
| 2-gang (1 traditional, 1 designer opening) | FG-2-TD-**CC**[3] |
| Stainless Steel* | FW-2-TD-SS |
| W: 4.67 in (119 mm); H: 4.60 in (117 mm); D: .23 in (5.8 mm) | |

**CC**[3]: Gloss color codes, see pg. 167

Controls must have heat-sink fins broken for multi-gang installations.
Multi-gang dimmer installations may require derating, see pg. 170.

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

## How to understand ganging and derating

### Standard ganging

Ganging is the side-by-side mounting of two or more dimmers or accessory devices under a multi-gang wallplate.

Standard multi-gang installation:

- Uses standard multi-gang electrical backboxes
- Uses standard multi-gang wallplates
- Requires fins to be removed from dimmers for proper spacing ("Fins Broken" ganging)
- May require derating (i.e., reduction of dimmer capacity due to fin removal), see Derating Tables, pgs. 172–173

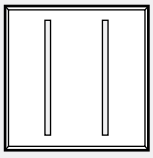
### Custom ganging for Architectural style controls

For Architectural style dimmers and switches, it is possible to retain the maximum capacity of dimmers in multi-gang applications via custom architectural multi-gang:

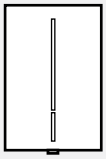
- May require customized, wider-than-standard wallplates
- May require wider-than-standard electrical backboxes
- Allows full capacity ("No Fins Broken") ganging
- Required for Nova® dimmers and for larger width (high capacity) architectural controls
- Visit **www.lutron.com/customganging** for additional information

## Standard ganging for dimmers, switches and accessories

### New Architectural



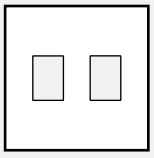
pg. 148



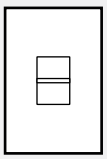
Vierti®

Derating Table 1
pg. 172

### Architectural



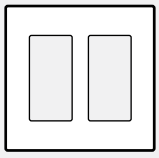
pg. 152



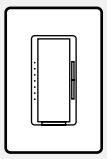
Vareo®
Nova T☆®

Derating Table 2
pg. 173

### Designer



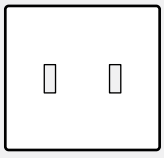
pg. 160



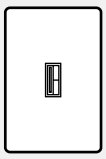
Maestro®
Maestro IR®
Maestro Wireless®
Spacer System®
Diva®
Lyneo® Lx
Skylark®
Skylark Contour™

Derating Table 1
pg. 172

### Traditional



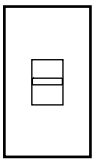
pg. 166



Abella®
Ceana®
Ariadni®
Glyder®
Rotary

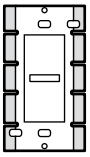
Derating Table 1
pg. 172

**Standard ganging and fins broken derating examples:**



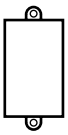
One Nova T☆® dimmer

=



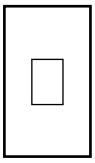
No fins broken
Full capacity

+

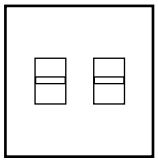


Standard 1-gang backbox

+

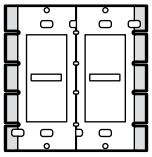


Standard 1-gang architectural wallplate



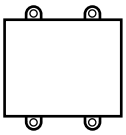
Two Nova T☆ dimmers
"Fins Broken" ganging

=



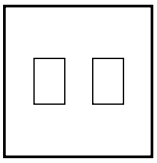
One fin broken*
Partial derating

+

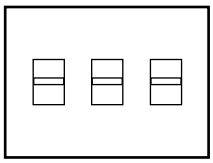


Standard 2-gang backbox

+

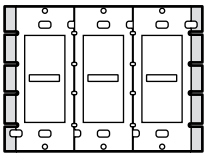


Standard 2-gang architectural wallplate



Three Nova T☆ dimmers
"Fins Broken" ganging

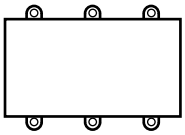
=



Inside: Two fins broken*
Full derating

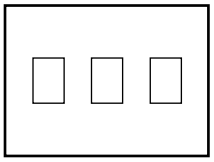
Outside: One fin broken*
Partial derating

+



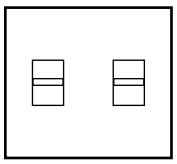
Standard 3-gang backbox

+



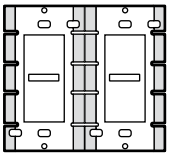
Standard 3-gang architectural wallplate

**Custom Architectural ganging example:**



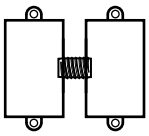
Two Nova T☆ dimmers
"No Fins Broken" ganging

=



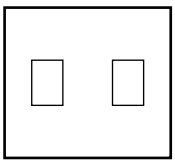
No fins broken
Full capacity

+



Backbox with chase nipple

+



Custom architectural wallplate

For further information on ganging and derating, visit **www.lutron.com/multigang**.

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

**Derating Table 1**

**New Architectural** | Vierti®
**Designer** | Maestro®, Maestro IR®, Maestro Wireless®, Spacer System®, Diva®, Lyneo® Lx, Skylark Contour™, Skylark®
**Traditional** | Abella®, Ceana®, Ariadni®, Glyder®, Rotary

| |  No fins broken |  1 fin broken |  2 fins broken |
|---|---|---|---|
| **Incandescent** | | | |
| Dimmers | 600W | 500W | 400W |
| | 1000W | 800W | 650W |
| Dual dimmers | 300W | 250W | 200W |
| | 300W | 250W | 200W |
| **Magnetic low-voltage** | | | |
| Dimmers | 600VA/450W | 500VA/400W | 400VA/300W |
| | 1000VA/800W | 800VA/650W | 650VA/500W |
| **Electronic low-voltage** | | | |
| Dimmers | 300W | 250W | 200W |
| | 500W | 450W | 400W |
| | 600W | 500W | 400W |
| **Fluorescent** | | | |
| Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem® | | | |
| Vierti | 60 ballasts/6A | 50 ballasts/5A | 35 ballasts/3.5A |
| Maestro/Spacer System | 20 ballasts/6A | 20 ballasts/5A | 20 ballasts/3.5A |
| Diva, Skylark, Lyneo Lx and Ariadni | no derating | no derating | no derating |
| Tu-Wire®: Spacer System, Diva, Skylark | 5A | 4A | 3.3A |
| **Fan controls** | | | |
| Quiet 7-speed | 1.0A/300W | 1.0A/300W | 1.0A/300W |
| Quiet 3-speed | 1.5A | 1.5A | 1.5A |
| Fully variable | 5A | 4A | 3A |
| **Fan/light controls** | | | |
| Quiet 7-speed | 1.0A/300W | 1.0A/300W | 1.0A/300W |
| Quiet 3-speed | 1.5A/300W | 1.5A/300W | 1.5A/300W |
| | 1.5A/360W | 1.5A/360W | 1.5A/360W |
| Fully variable | 2.5A/300W | 2.1A/250W | 1.7A/200W |
| **Electronic switches** | | | |
| Vierti | 6A/3A | 5A/3A | 3.5A/3A |
| Maestro (light/fan) | 8A/3A | 6.5A/3A | 5A/3A |
| Abella (light/fan) | 6A/3A | 5A/3A | 3.5A/3A |

**Derating Table 2**

**Architectural** | Vareo®, Nova T☆®

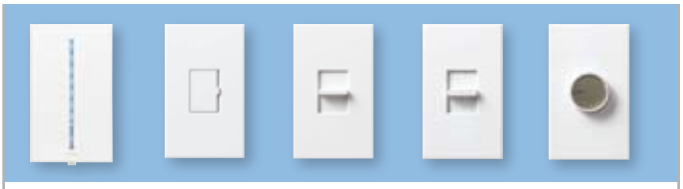
| |  No fins broken |  1 fin broken |  2 fins broken |
|---|---|---|---|
| **Incandescent** | | | |
| Dimmers | 600W | 500W | 300W |
| | 1000W | 900W | 700W |
| | 1500W | 1250W | 1000W |
| | 1950W | – | – |
| **Magnetic low-voltage** | | | |
| Dimmers | 600VA/450W | 500VA/400W | 300VA/250W |
| | 1000VA/800W | 900VA/750W | 700VA/500W |
| | 1500VA/1200W | 1250VA/1000W | 1000VA/800W |
| **Electronic low-voltage** | | | |
| Dimmers | 300W | 300W | 250W |
| | 600W | 500W | 400W |
| **Fluorescent** | | | |
| Hi-lume®/Hi-lume® Compact SE/Eco-10®/EcoSystem® | | | |
| Vareo | 20 ballasts/8A | 20 ballasts/6A | 20 ballasts/4.5A |
| Nova T☆ | 6A | no derating | no derating |
| | 8A | no derating | no derating |
| | 16A | no derating | no derating |
| 0-10VDC control[1] | 30mA ballasts | no derating | no derating |
| Tu-Wire® | 5A | 4A | 3.3A |
| **Fan controls** | | | |
| Quiet 3-speed | 1.5A | no derating | no derating |
| Fully variable | 6A | 4.2A | 2.5A |
| Fully variable | 12A | 10A | 8.3A |
| **Electronic tapswitches**[2] | | | |
| VETS-1000- | 1000W | 800W | 650W |
| VETS-1000-SL- | 1000W | 900W | 700W |
| VETN-1000- | 1000VA | 700VA | 550VA |

For further information on ganging Nova®, visit **www.lutron.com/customganging**.

[1]PowerPack required for line voltage switching.
[2]VETS-R-Auxiliary electronic tapswitches do not require derating.

**Dimmer capabilities and interface requirements**

- Ⓜ Multi-location—true dimming from each location
- Ⓔ eco-model available
- Compatible dimmer (no interface)
- WBX TVI 3F PA Requires interface, see notes below



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

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

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

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

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

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

*Consult Lutron Technical Support for information on interfaces with Vierti.

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

**Dimmer capabilities and interface requirements**

- Ⓜ Multi-location—true dimming from each location
- Ⓔ eco-model available
- Compatible dimmer (no interface)
- WBX TVI 3F PA Requires interface, see notes below



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

**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)
**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)
**TVI**: 0-10V Interface (GRX-TVI)
**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)

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

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

**Dimmer capabilities and interface requirements**

- Ⓜ Multi-location—true dimming from each location
- Ⓔ eco-model available
- Compatible dimmer (no interface)
- WBX TVI 3F PA Requires interface, see notes below



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

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

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

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

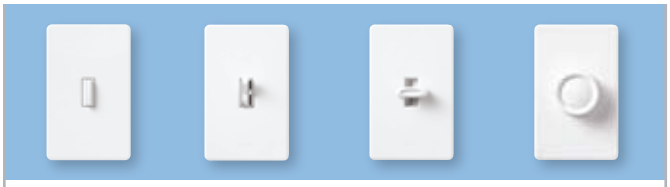
**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)

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

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

**Dimmer capabilities and interface requirements**

- Ⓜ Multi-location—true dimming from each location
- Ⓔ eco-model available
- Compatible dimmer (no interface)
- WBX TVI 3F PA Requires interface, see notes below



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

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

**WBX**: Wallbox Phase Adaptive Power Module (PHPM-WBX-DV-WH)
**3F**: Fluorescent Power Module (PHPM-3F-DV-WH)
**TVI**: 0-10V Interface (GRX-TVI)
**PA**: Phase Adaptive Power Module (PHPM-PA-DV-WH)

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

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

### Dimmer models/load interface compatibility

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

**Use only dimmer model numbers listed.**

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

### Dimmer models/load interface compatibility

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

**Use only dimmer model numbers listed.**

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

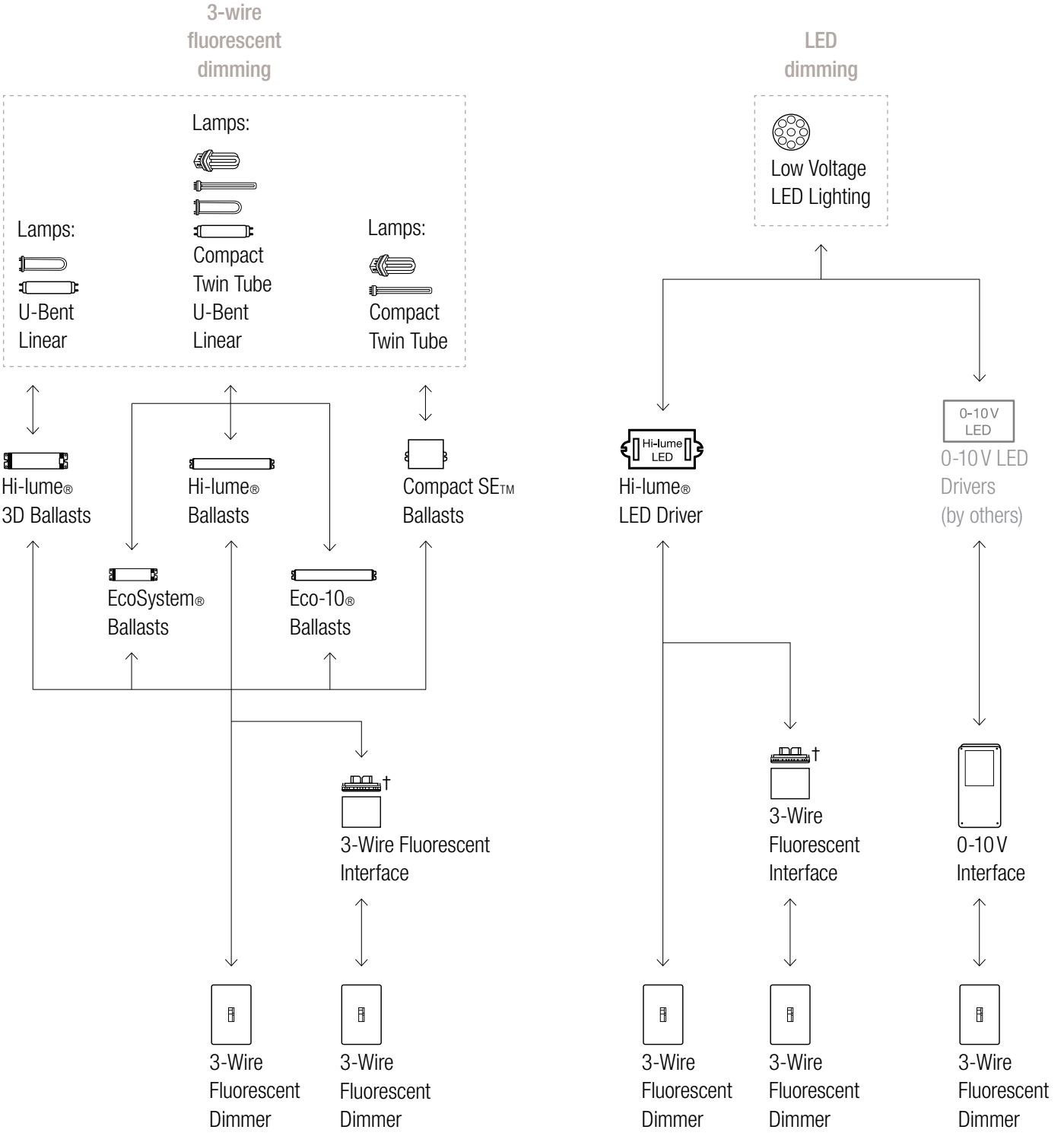
#### Technical notes

- Lighting load interfaces must be matched to load type and voltage
- All load interfaces for dimmed load are controlled by a 120V 3-wire fluorescent dimmer
- Power feed to dimmer may differ from lighting load/interface voltage
- Interfaces typically require additional power feeds
- For wiring information, consult wiring diagrams, see pgs. 193-195
- For assistance and additional solutions, consult Lutron Technical Support at 1.800.523.9466 (24 hours/7 days)

#### Interface mounting

- PHPM interfaces mount to 2-gang electrical backbox (W: 6.30in x H: 5.10in)
- GRX-TVI enclosure is surface mount only (W: 6.10in x H: 12.50in x D: 3.30in)

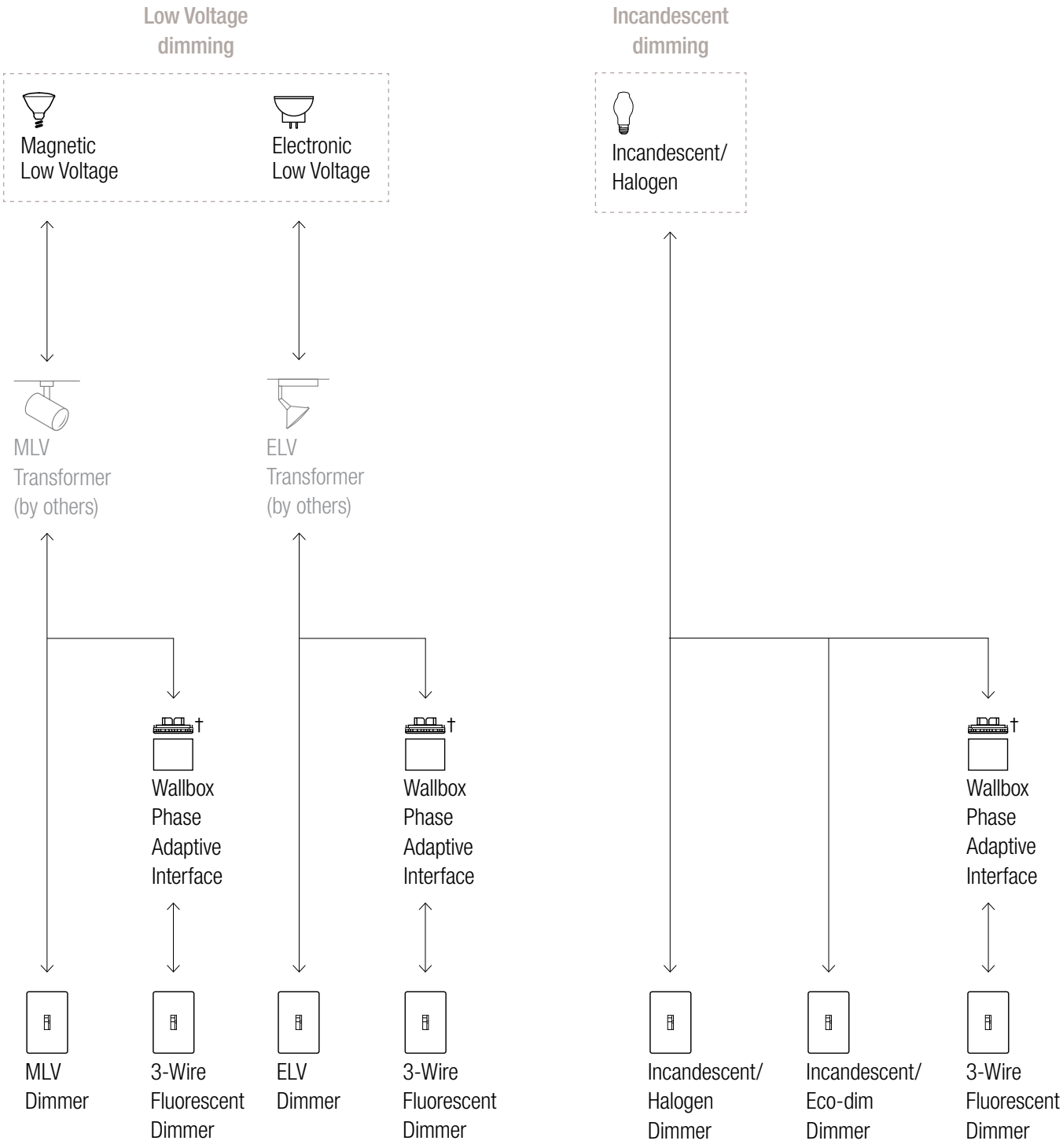
# Ariadni®




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

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

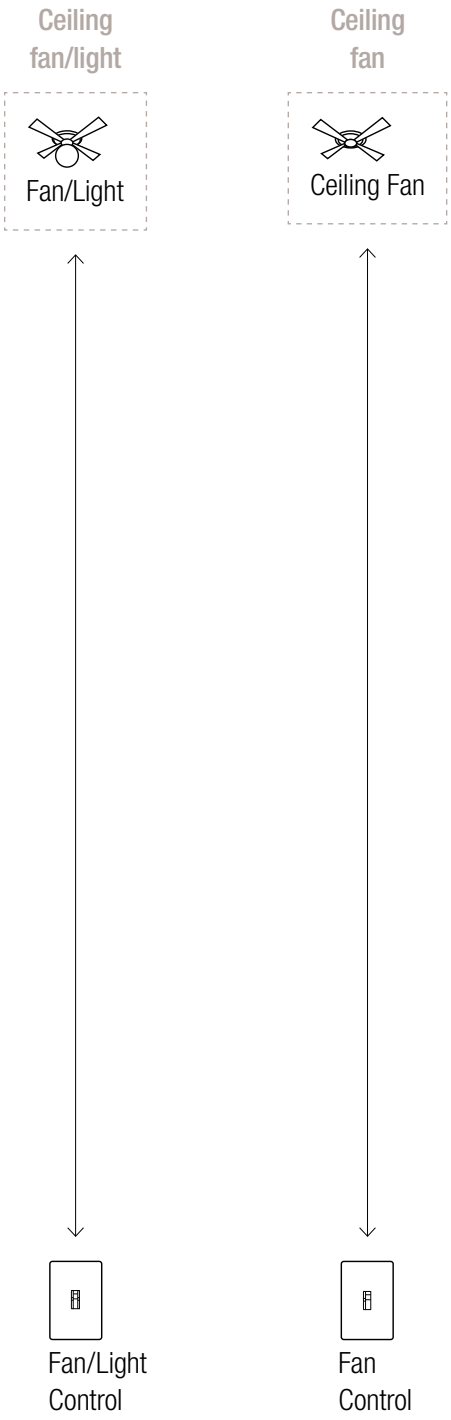
## Ariadni®




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

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

## Ariadni®




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