





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
- C•L® model available—see pg. 01 for details
- eco-dim® model available
- 1000W preset dimmers have voltage compensation which maintains stable light levels despite line voltage variations
- Coordinating Fassada® and Stainless Steel wallplates only available separately
- Custom engraving available for wallplates, see pg. 164



### Control types

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

### Direct load type compatibility

-  Incandescent/halogen lighting
-  Dimmable CFL/LED lighting (screw-base)
-  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. 185.

[Download Ariadni C•L specification submittal](#)  
[Download high resolution product image](#)

**Available finishes**

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

Gloss finishes\*



**WH**  
White



**LA**  
Light Almond



**AL**  
Almond



**IV**  
Ivory



**BL**  
Black



**SS**  
Stainless Steel

\*Coordinating wallplates only available separately. For wallplate information, see pg. 175.

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

## Dimmers



- Toggle turns on/off
- Slide up to brighten, down to dim
- **C•L®** dimmers provide reliable dimming of dimmable CFLs/LEDs, as well as halogens and incandescents
- **eco-dim®** model guarantees at least 15% energy savings and triples lamp life compared to a standard switch†

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

### C•L preset dimmer

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

Visit [www.lutron.com/dimcflled](http://www.lutron.com/dimcflled) for an approved list of dimmable CFL/LED bulbs, and how to calculate wattage when mixing lamp types.

- Incandescent/halogen dimmers**

### Preset dimmers

Single-pole	AY-600P- <b>XX</b> <sup>1</sup>
120V 600W	
Single-pole	AY-10P- <b>XX</b> <sup>1</sup>
120V 1000W	
3-way	AY-603P- <b>XX</b> <sup>1</sup>
120V 600W	
3-way	AY-103P- <b>XX</b> <sup>1</sup>
120V 1000W	

### eco-dim preset dimmer†

3-way/single-pole	AY-603PG- <b>XX</b> <sup>2</sup>
120V 600W	

## Magnetic low-voltage dimmers

### Preset dimmers

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

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 fluorescent dimmers\***  
**(also for Hi-lume® A-Series LED drivers)\***

### Preset dimmers

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

For use with Hi-lume, Hi-lume 3D, and EcoSystem® ballasts, and Hi-lume A-Series LED drivers.

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

No derating required if ganged.

Adjustable low-end trim.

**XX**<sup>1</sup>: Gloss color codes (except Gray), see pg. 106  
**XX**<sup>2</sup>: Available in White (WH), Ivory (IV), Almond (AL) and Light Almond (LA), see pg. 106  
 (Wallplates not included. Order separately, see pg. 175)

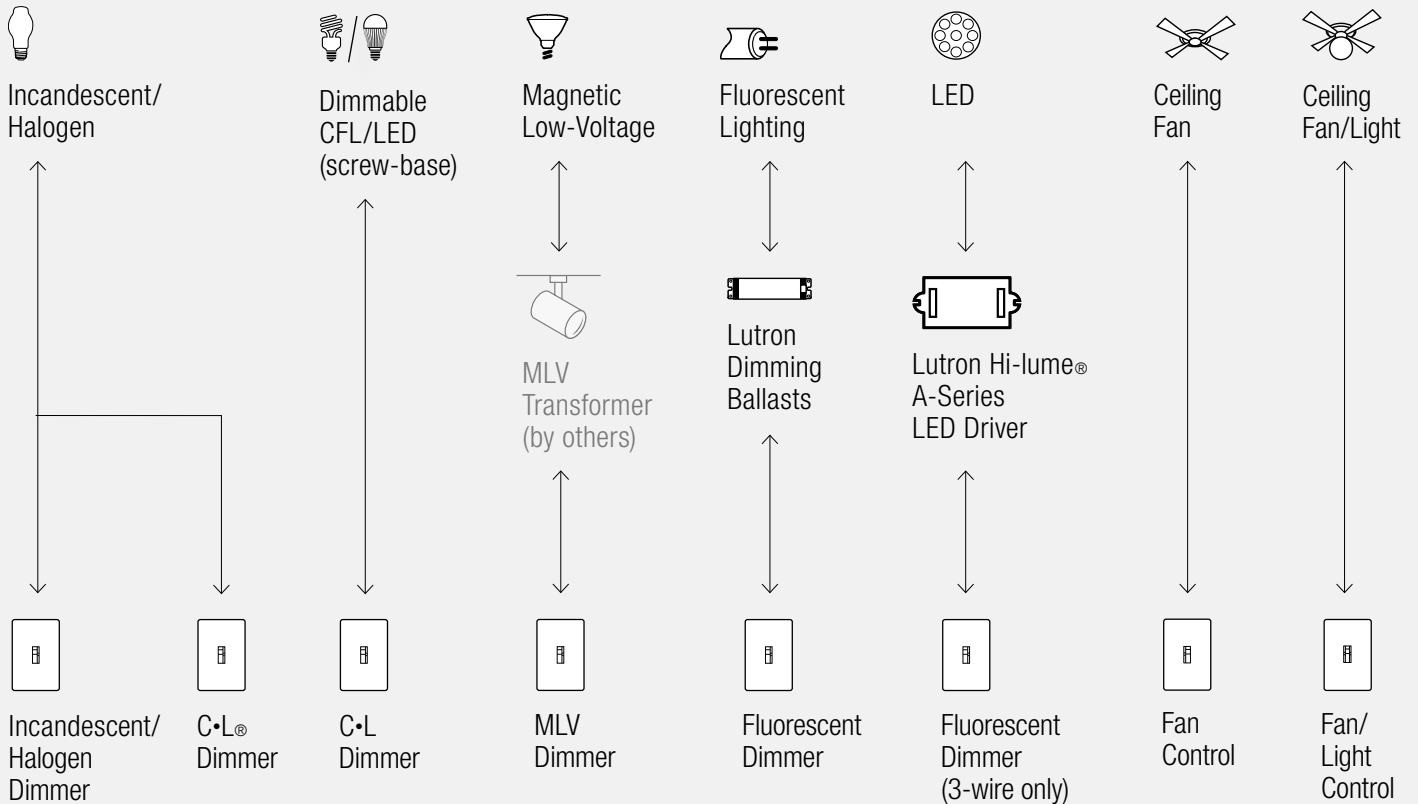
All models must be derated if ganged unless otherwise noted, see pg. 179.

†Maximum light output of 85% guarantees 15% energy savings over standard switches.

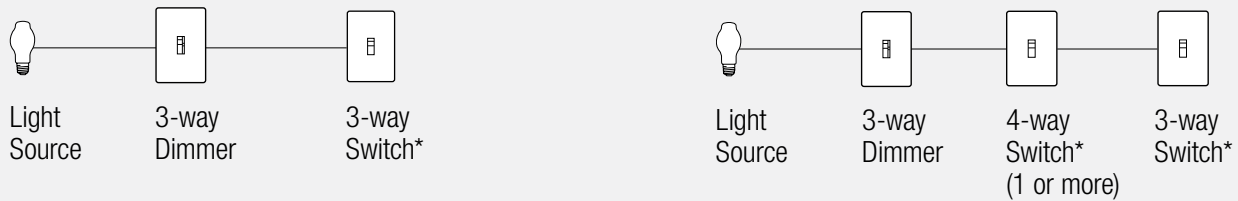
**\*Requires neutral wire connection.**

**Connections overview**

**Load connections\***



**Control types (for 2 or more locations)**  
Dim from one location, switch from the others



\* For 3-way and 4-way control, use 3-way dimmer with mechanical 3-way or 4-way switches.

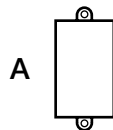
For more information on ballasts, visit [www.lutron.com/ballasts](http://www.lutron.com/ballasts).  
 For more information on LED drivers, visit [www.lutron.com/LED](http://www.lutron.com/LED).  
**\*For illustration purposes only.**  
 Consult model number pages for specific voltage and capacity information.

Download complete Connection Diagrams

## Mounting requirements and how to understand ganging and derating

### Individual devices

Individual dimmers, switches, wall sensors, and accessories typically mount in standard 1-gang electrical boxes (**fig. A**).



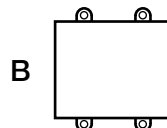
1-gang box  
(W: 2 in x H: 3 in x D: 2.5 in)

### Standard ganging

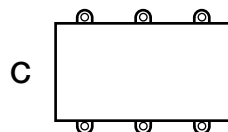
Ganging is the side-by-side mounting of two or more dimmers or accessory devices under a multi-gang wallplate. (**fig. B-D**)

Standard multi-gang installation:

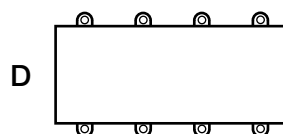
- Uses standard multi-gang electrical backboxes
- Uses standard multi-gang wallplates
- Requires fins to be removed from dimmers for proper spacing (“Fins Broken” ganging)
- May require derating (i.e., reduction of dimmer capacity due to fin removal); see derating tables, pg. 181



2-gang box  
(W: 4 in x H: 3 in x D: 2.5 in)



3-gang box  
(W: 6 in x H: 3 in x D: 2.5 in)

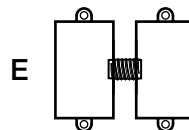


4-gang box  
(W: 8 in x H: 3 in x D: 2.5 in)

### Custom Architectural ganging

Architectural dimmers, switches and accessories may be ganged without derating (**fig. E**), via custom Architectural multi-gang:

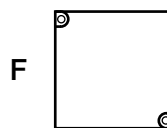
- May require customized, wider-than-standard wallplates
- May require wider-than-standard electrical backboxes
- Allows full capacity (“No Fins Broken”) ganging
- Required for Nova® dimmers and for larger width (high capacity) architectural controls
- Visit [www.lutron.com/customganging](http://www.lutron.com/customganging)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



(2) 1-gang boxes  
with 3/4 in spacer

### Light load power interfaces (pg. 185)

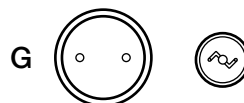
Interfaces typically mount to a standard electrical junction box (**fig. F**); must be mounted within 7 degrees of vertical. Maximum output: 5.1 in x 6.3 in. Interfaces project 1.2 in in front of box.



Junction box  
(W: 4 in x H: 4 in x D: 2.5 in)

### Ceiling/wall mount sensors (pgs. 43 and 147)

Wireless ceiling mount Radio Powr Savr™ sensors (**fig. G**) mount to brackets provided with sensor using adhesive strips or mounting hardware provided.



Wireless sensor  
mounting bracket  
(3.2 in diameter footprint,  
mounting brackets are  
spaced 1.8 in)