

Ariadni LED+ Dimmer

Dimmer for LED, CFL, Halogen and Incandescent dimmable bulbs.

Features

- On/off toggle switch with a captive linear-slide dimmer for a traditional wallplate opening
- Advanced dimming technology designed for compatibility with a broad range of high-efficacy bulbs.
- UL Listed to control:
 - Dimmable LED with integrated driver
 - Halogen
 - Incandescent
 - Dimmable compact fluorescent load (CFL) with integrated ballast
- Low-end adjustment to accommodate a wide range of bulbs
- 100% factory tested
- Formerly C•L



Switch on
(to selected
light level),
and off

Select light
level with
slider

* Wallplate sold separately

Application Requirements

- **When dimming CFLs or LEDs, only bulbs marked or rated as DIMMABLE may be used.**
- For a complete list of compatible DIMMABLE LEDs please visit www.lutron.com/dimcflled. For questions call 1.800.523.9466.

Model Numbers

AYCL-153P-XX^{1,2} Single pole/3-way³
 AYCL-153PH-XX-C⁴ Single pole/3-way³

¹ "XX" in the model number represents color/finish code; see **"Colors and Finishes"** chart on next page.

² For clamshell packaging, add "H" after "153P".

³ For 3-way and 4-way switching, use Claro switches or other mechanical switches.

⁴ Clamshell packaged product for Canada.

Job Name:	Model Numbers:	
Job Number:		

Specifications

Regulatory Approvals

- UL Listed to US and Canadian safety requirements
UL1472 / CSA C22.2 184.1
- NOM

Power and Ratings

- 120 V~ 60 Hz
- 150 W dimmable LED/CFL
- or**
- 600 W Incandescent/Halogen
- or**
- Mixed bulb type per **Multigang and Mixed Bulb Type Ratings** table (see page 3)

Environment

- For indoor use only.
- Operating temperatures 0 °C to 40 °C (32 °F to 104 °F).

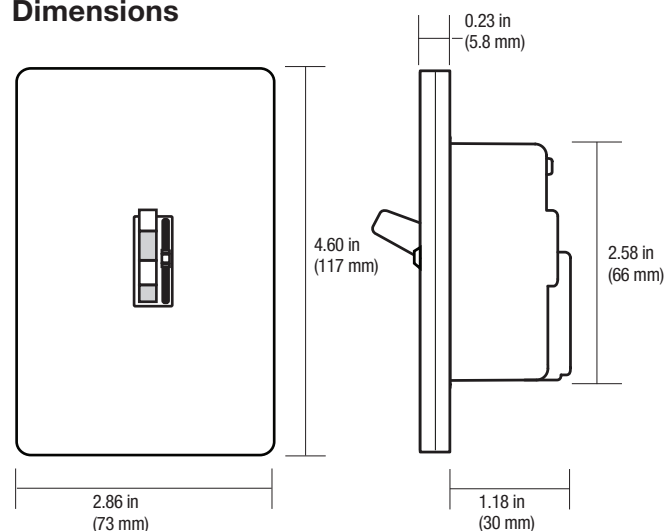
Performance

- Power-failure memory
- Captive linear slider
- Electrostatic discharge tested
- Precise color matching
- Mechanical air-gap switch to disconnect load power

Warranty

- 1 Year Limited Warranty
- For additional Warranty information, please visit
www.lutron.com/TechnicalDocumentLibrary/369-119_Wallbox_Warranty.pdf

Dimensions



Colors and Finishes

Gloss Finishes

Add color/finish code to model #

Example: AYCL-153P-WH

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

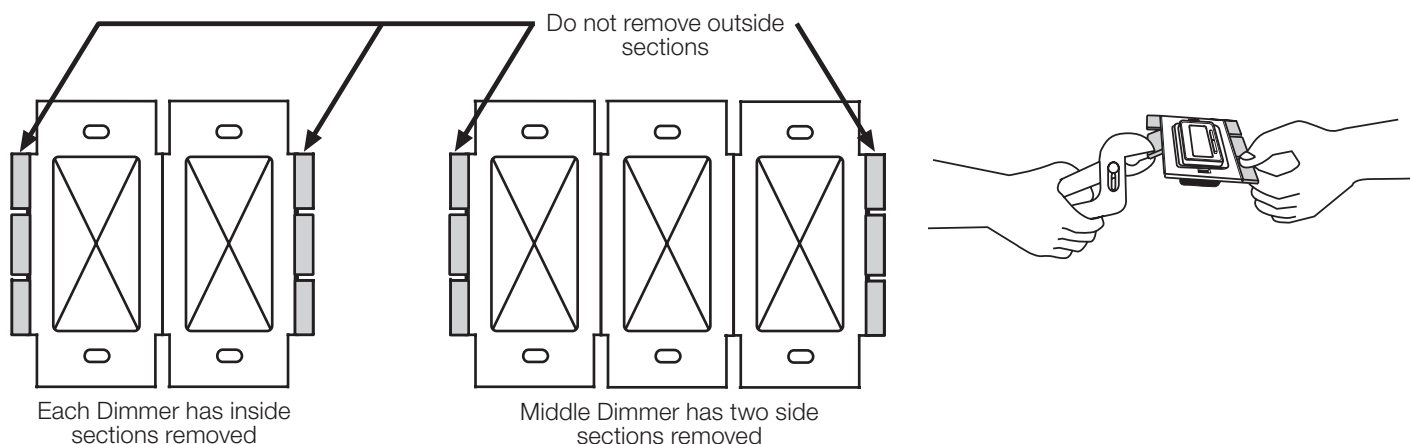
Job Name:	Model Numbers:	
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Multigang and Mixed-Bulb-Type Ratings

When installing more than one Dimmer in the same wallbox, it may be necessary to remove some side sections prior to wiring (**see diagram**). Removal of Dimmer side sections may reduce maximum wattage, as shown in the chart below.

Mixing bulb types (**using a combination of LED/CFL, and Incandescent/Halogen bulbs**) will also affect the maximum ratings, as shown in the chart below.

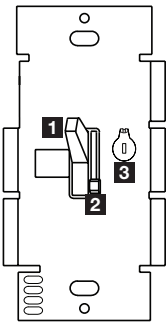
*EXAMPLE: If one set of side sections is removed and you have three 10 W LEDs bulbs installed (Total LED Wattage = 30 W), you may add up to 300 W of incandescent or halogen lighting.



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

Job Name:	Model Numbers:	
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Operation (View with wallplate removed)



1 Switch
Turns lights ON and OFF.

2 Slider
Controls light level.

+ **Up**
Increases light level

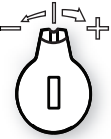
- **Down**
Decreases light level

IMPORTANT: Set slider to bottom before adjusting dimming range.

Lever-type Adjustment Dial

3 Adjustment lever
Sets low end dimming limit.

Right (clockwise)
Increases brightness



Left (counter-clockwise)
Decreases brightness

OR

Wheel-type Adjustment Dial

3 Adjustment dial
Sets low end dimming limit.

Right (counter-clockwise)
Decreases brightness

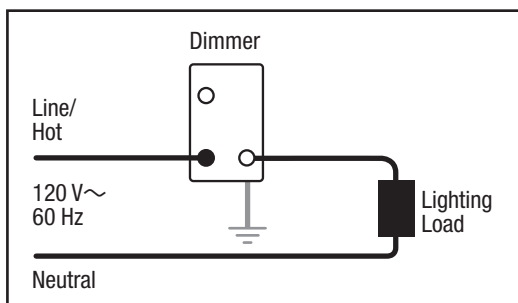


Left (clockwise)
Increases brightness

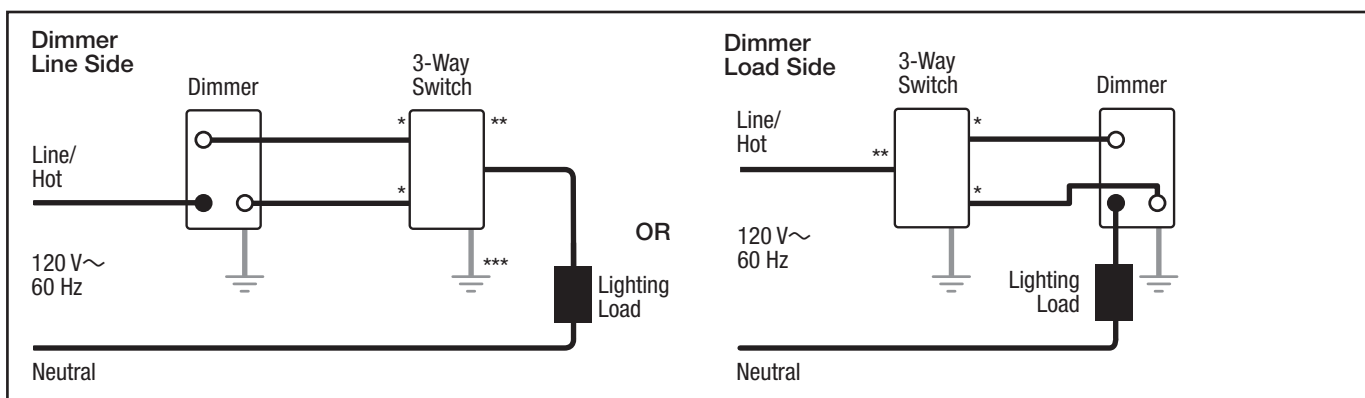
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Wiring Diagrams

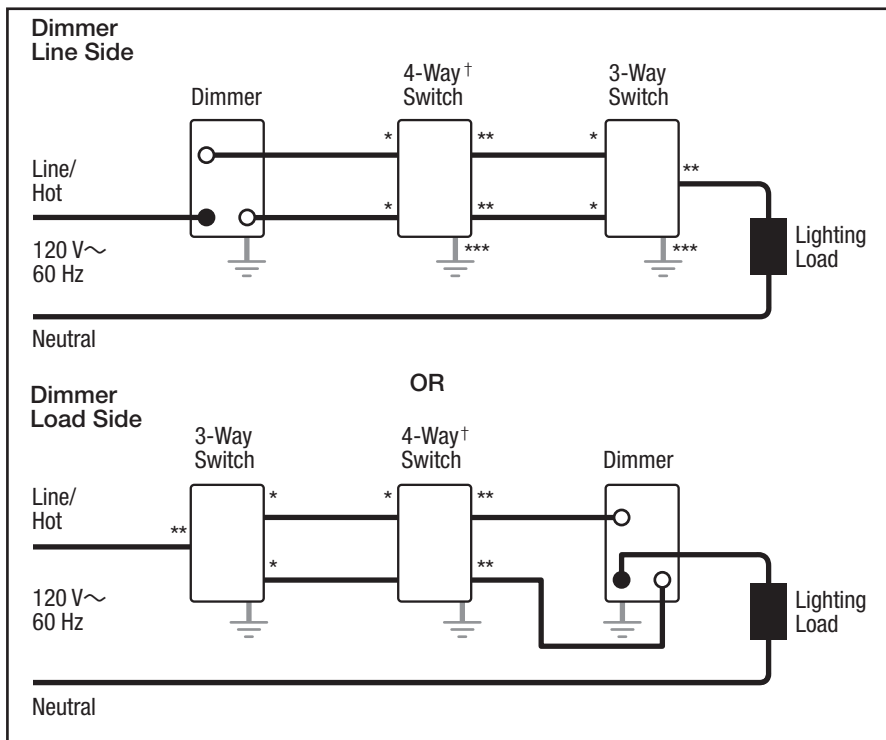
Single-Pole Wiring



3-Way Wiring



4-Way Wiring



- * or Copper/Black screw terminal
- ** or Brass/Gold screw terminal
- *** or Green screw terminal

† Please refer to switch instruction sheet for proper wiring.

Note for 4-Way Wiring:
Dimmer must be installed Line Side or Load Side. It cannot be installed in the 4-way location.

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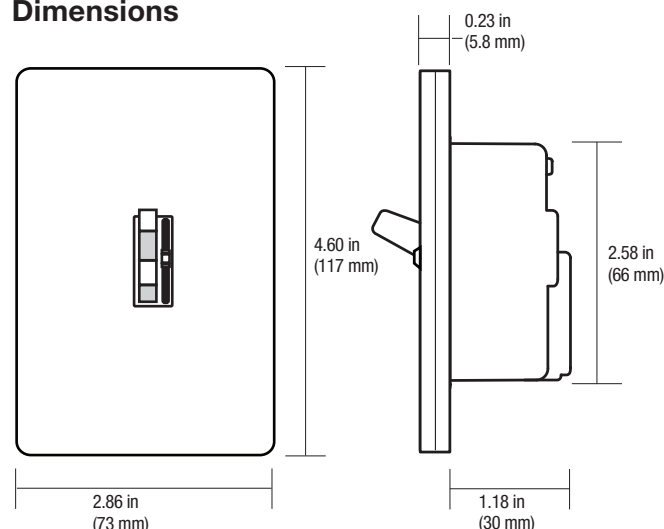
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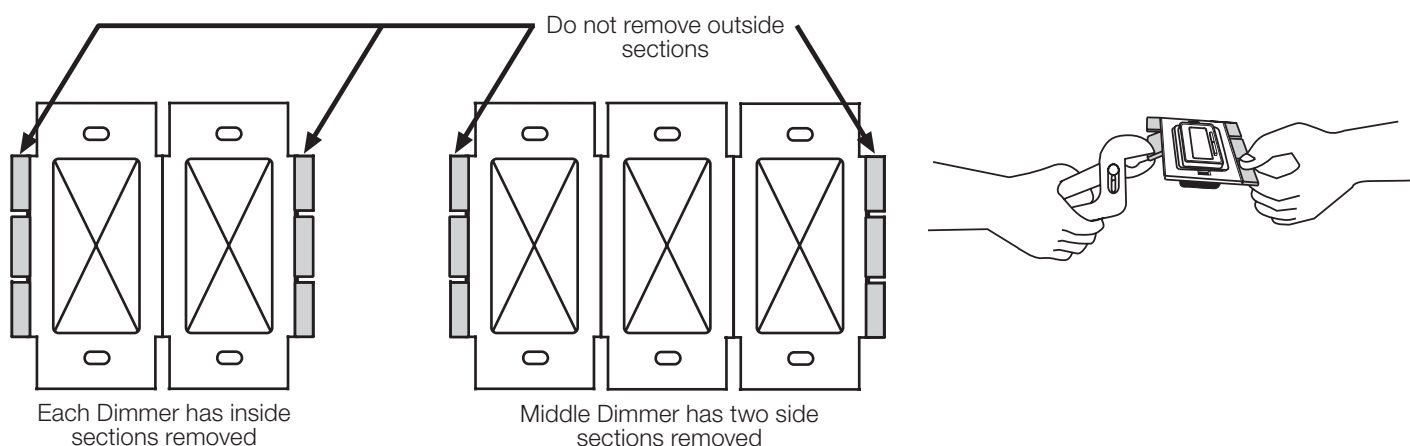
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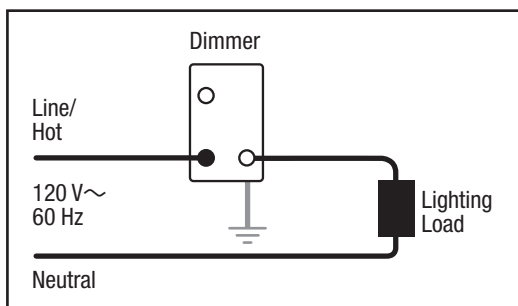


Left (clockwise)
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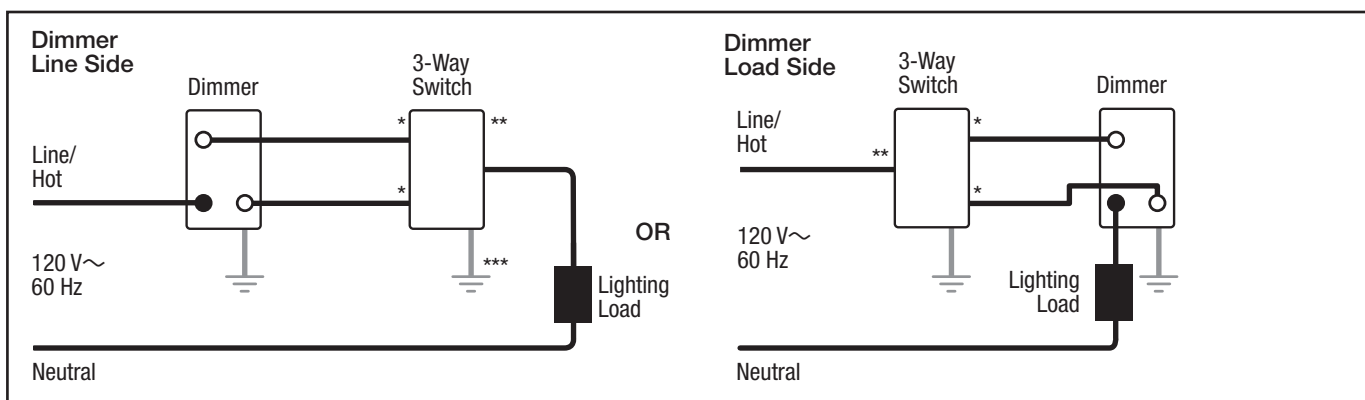
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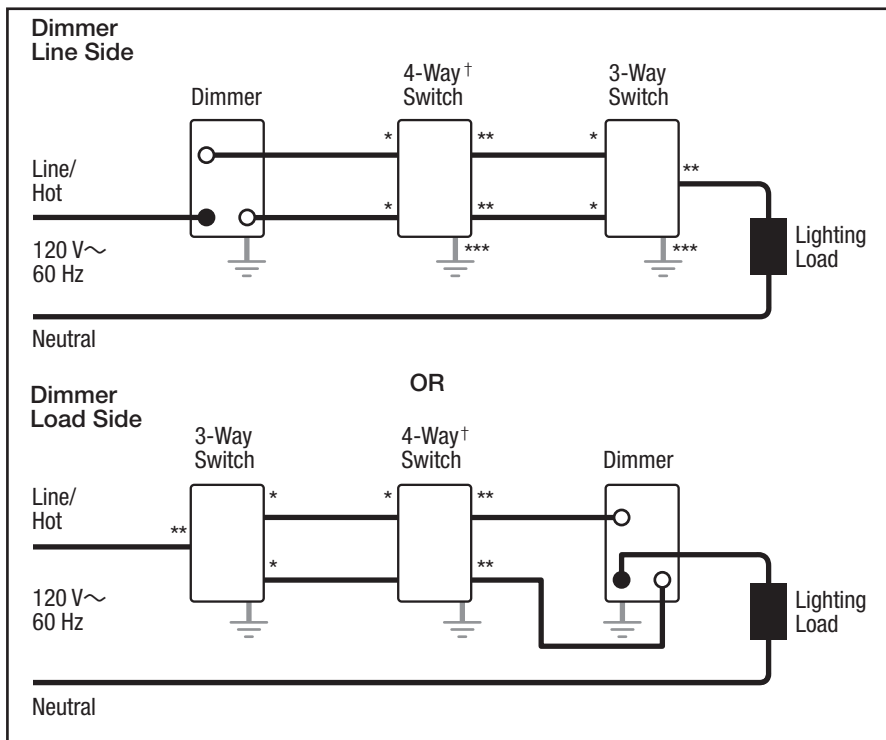
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