ELLIOTT ELECTRIC SUPPLY
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Humble, TX 77338-0000
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AYCL153PHWH ARIADNI 150W LED 3WAY WHITE CLAM

LUTRON

Catalog Number	AYCL153PHWH
Manufacturer	LUTRON
Description	Ariadni LED+ Dimmer, LED, Incandescent/Halogen, 3-way/single-pole, 150W LED or 600W inc/hal clamshell packaging in white
Weight per unit	0.4000 (lbs/each)
Product Category	Lighting Dimmers

Features

Connection Type	Screw Terminal
Material	Plastic/Metal
Poles	1
Voltage Rating	120
Wattage	600
Actuator	Toggle Switch
Connection	Screw Terminal
Insulation	Plastic

Material, Color, and Finish

Finish	Gloss

Dimensions and Weight

Size	4.60 x 2.86;117 x 73

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Descriptions

Description	ARIADNI 150W LED 3WAY WHITE CLAM
Features	The Ariadni LED+ dimmer provides optimal dimming performance of LED bulbs. This dimmer works with up to 150-Watt of dimmable LED or 600-Watt of incandescent/halogen, allowing you to control multiple bulb types on the same circuit. It is designed to control a broad range of dimmable LED and CFL bulbs from a variety of brands including Philips, Cree, GE, EcoSmart and Lighting Science. The Ariadni dimmer features a toggle switch to turn your lights off or on- returning the lights to your favorite level. Adjus
Long Description	Ariadni LED+ Dimmer, LED, Incandescent/Halogen, 3-way/single-pole, 150W LED or 600W inc/hal clamshell packaging in white
Product Type	Ariadni CFL/Led Dimmer White Clam
Special Features	Controls 150 W LED/CFL (screw-base) or 600 W incandescent/halogen loads. Toggle turn lights on/off. Slide up to brighten, down to dim. Provides reliable dimming of dimmable LEDs/CFLs as well as halogens and incandescents.
Extra Long Description	LUT AYCL-153PH-WH ARIADNI CFL/LED D

Manufacturer Information

Brand	LUTRON ELECTRONICS
GTIN	00027557826006
UPC	784276

Taxonomies, Classifications, and Categories

Category Description	Residential dimmers, motion sensors, controls, & photo cells
Type	Preset dimmer, 3-way/single-pole, clamshell packaging

Packaging

Carton	3
Package	48
Weight Per Each	0.4000 (lbs/each)

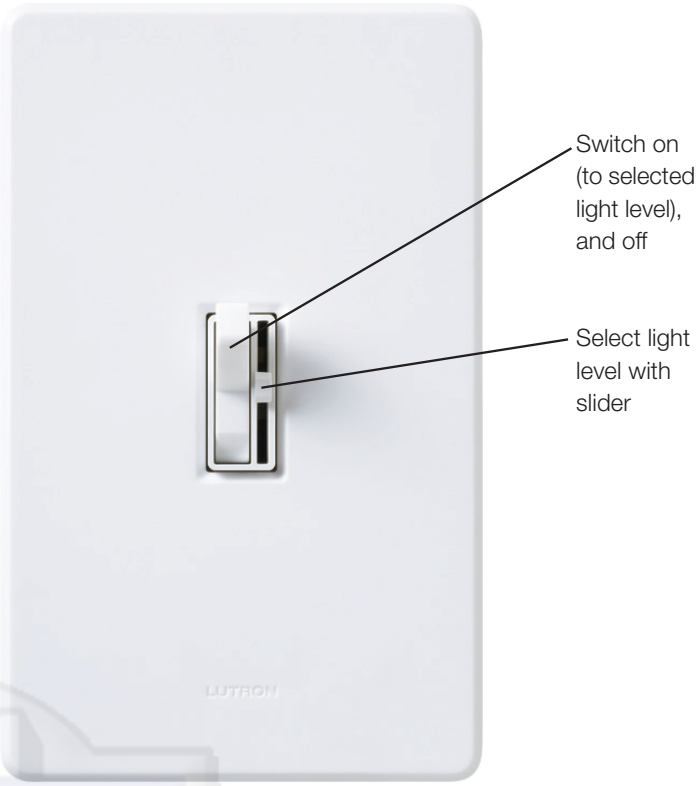
Uses, Certifications, and Standards

Application	Lighting Control
Enclosure	Plastic
Mounting	WALLBOX
Operating Temperature	32 to 104
Environmental Conditions	Indoor use only
Standard	UL1472 CSA C22.2 184.1, NOM

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Ariadni LED+ Dimmer

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



* Wallplate sold separately

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

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-way[3]
AYCL-153PH-XX-C[4]	Single pole/3-way[3]

[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:	

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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

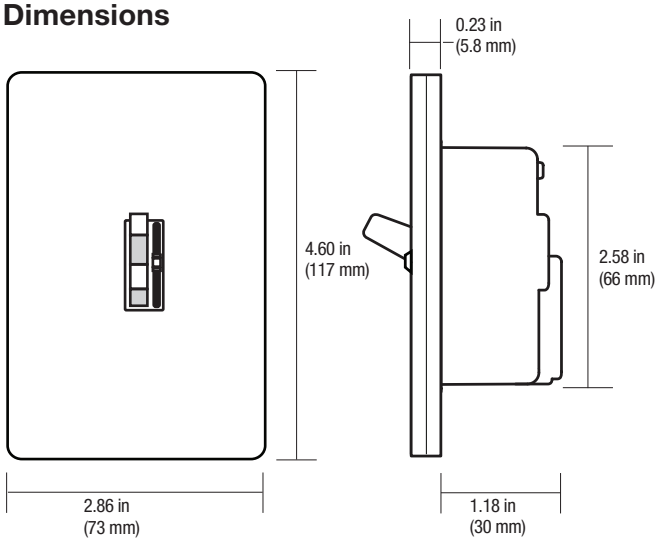
or

- 600 W Incandescent/Halogen

or

- Mixed bulb type per **Multigang and Mixed Bulb Type Ratings** table (see page 3)

Dimensions



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

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

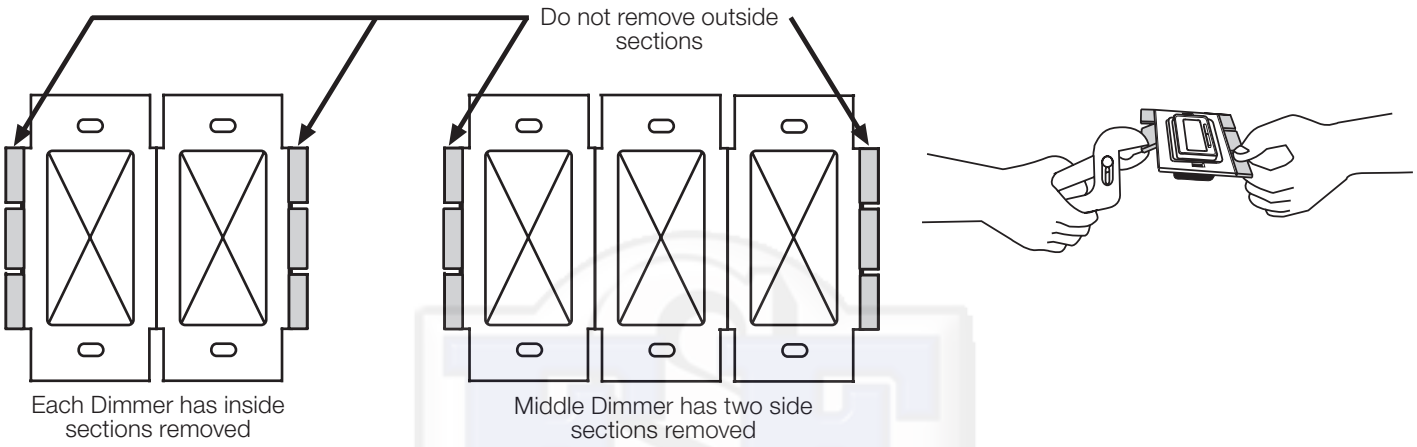
Job Name:	Model Numbers:
Job Number:	

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.

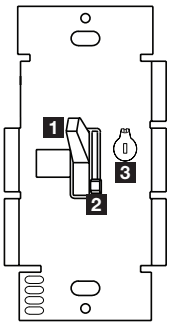


Total CFL/LED Wattage Installed (CFL, LED) (Wattage per bulb x # of bulbs)		Maximum Allowable Incandescent/Halogen Wattage (INC/HAL)		
		No sides removed	1 side removed	2 sides removed
0 W	+	600 W	500 W	400 W
1 W – 25 W	+	500 W	400 W	300 W
26 W – 50 W	+	400 W	300 W	200 W
51 W – 75 W	+	300 W	200 W	100 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:
Job Number:	

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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

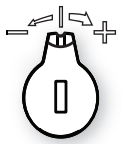
IMPORTANT: Set slider to bottom before adjusting dimming range.

Lever-type Adjustment Dial

3 Adjustment lever

Sets low end dimming limit.

Right (clockwise)
Increases brightness



Left (counter-clockwise)
Decreases brightness

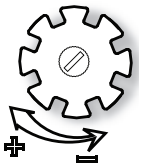
OR

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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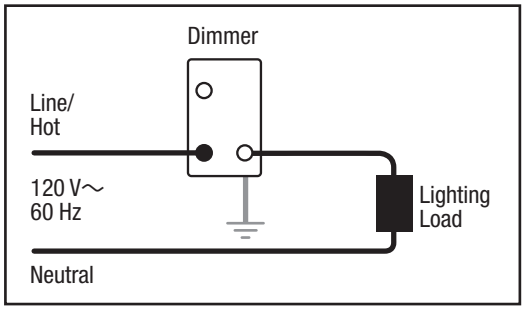
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Job Name:	Model Numbers:
Job Number:	

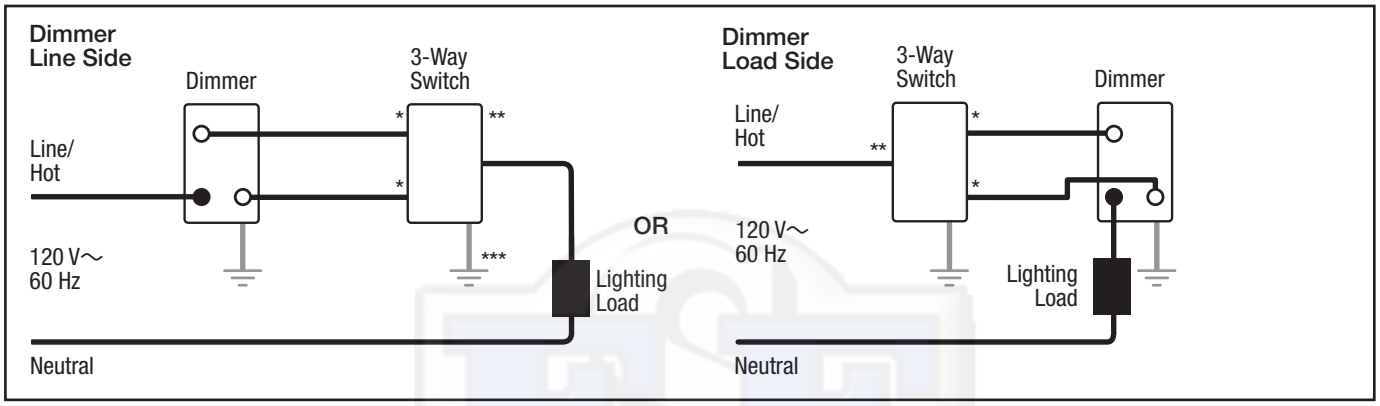
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Wiring Diagrams

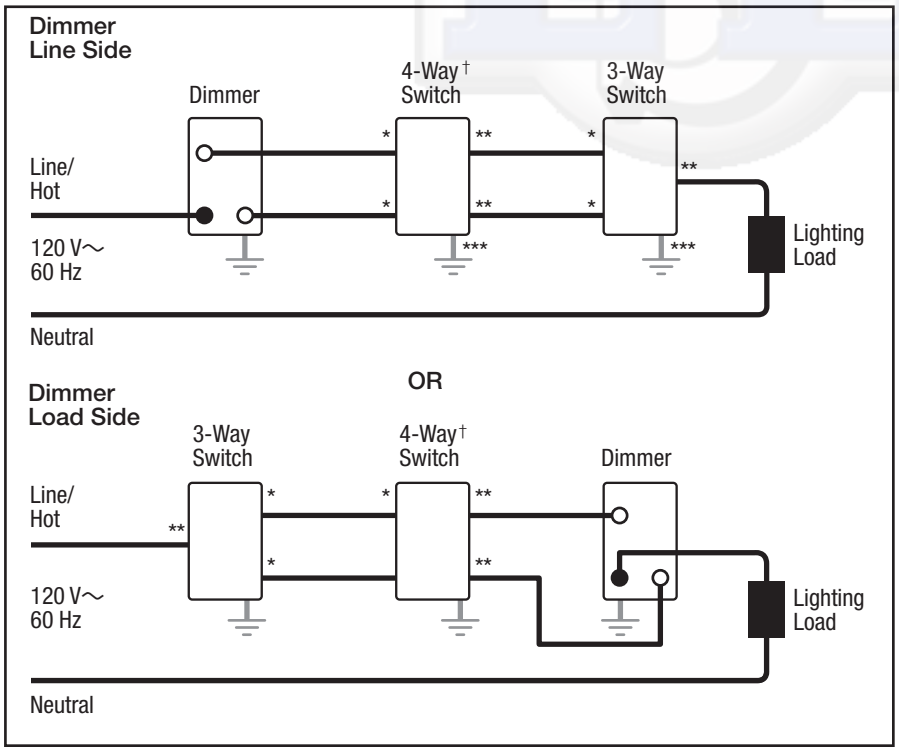
Single-Pole Wiring



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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Job Name:	Model Numbers:
Job Number:	