

## Caséta™ Wireless In-Wall Dimmer


The Caséta™ Wireless in-wall dimmer controls lighting loads automatically through wireless sensors and wireless remote controls, providing a system that delivers energy savings, convenience, and ease of installation.

The Caséta™ Wireless in-wall dimmer uses Lutron® patented Clear Connect® RF Technology, which enables wireless communication with Radio Powr Savr™ sensors and Pico® remote controls for total load control.


### Features

- The Caséta™ Wireless in-wall dimmer provides dimming of multiple load types and allows remote control and occupancy/vacancy sensing when paired with wireless transmitting devices.
- Lutron® patented Clear Connect® RF Technology works through walls and floors.
- Includes Front Accessible Service Switch (FASS™) for safe lamp replacement.
- Two-wire dimmer ideal for retrofit applications. No neutral required.
- Power failure memory: If power is interrupted, the control will return to its previously set level prior to interruption.
- Works with dimmable LEDs and CFLs as well as incandescent and halogen light bulbs.


### Load Types and Capacity\*




**LED**  
up to 150 W



**CFL**  
up to 150 W



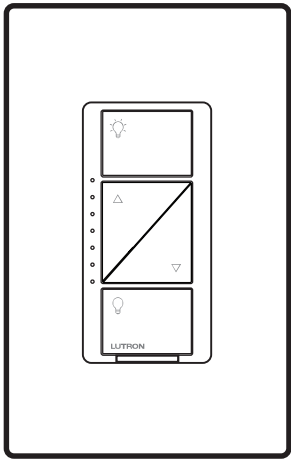
**Halogen**  
up to 600 W



**Incandescent**  
up to 600 W

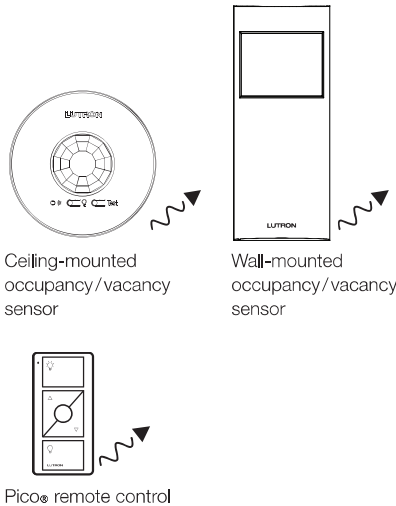
### Receiving Device

Caséta™ Wireless In-Wall Dimmer



### Transmitting Devices

Radio Powr Savr™ Sensors



\* See **Ganging and Derating** section.

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Specifications

Regulatory Approvals

- cULus Listed
- NOM certified
- FCC Approved. Complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules
- Industry Canada certified
- COFETEL certified

Power

Operating voltage:  
120 V~ 50/60 Hz

Key Design Features\*

- Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.
- Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991 Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
- Dimmers always operate locally and do not require system control.
- Power failure memory: should power be interrupted, the control will return to its previously set level prior to the interruption when power is restored.
- Uses Lutron® Claro® wallplates or designer-style wallplates from other manufacturers. Wallplates are sold separately.
- Lutron® Claro® wallplates snap on with no visible means of attachment.
- Requires a 1-gang U.S. wallbox, 3½ in (89 mm) deep recommended, 2¼ in (57 mm) deep minimum.
- Green LEDs indicate load status.


System Communications and Capacity

- The Caséta™ Wireless in-wall dimmer communicates with the Pico® remote controls and Radio Powr Savr™ sensors through radio frequency (RF).
- The Caséta™ Wireless in-wall dimmer must be located within 60 ft (18 m) line-of-sight or 30 ft (9 m) through walls, of Pico® remote controls and Radio Powr Savr™ sensors.
- Up to ten transmitting devices may be associated to each in-wall dimmer.

Environment

- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0%-90% humidity, non-condensing. Indoor use only.

\* For advanced features, tips on how to use Caséta™ Wireless dimmers with CFLs and LEDs, the complete Caséta™ Wireless product line, and more, please visit [www.casetawireless.com/features](http://www.casetawireless.com/features)

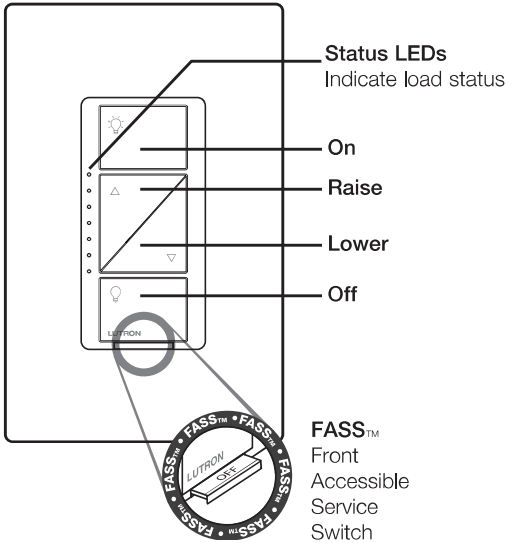
 SPECIFICATION SUBMITTAL

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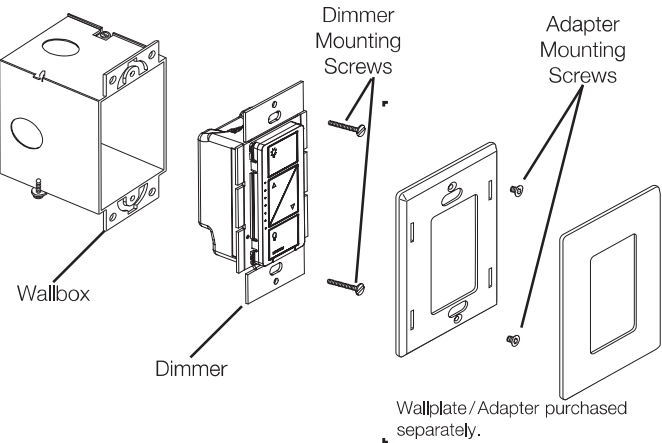
Operation

In-Wall Dimmer



**IMPORTANT NOTICE:**  
**FASS™** - Front Accessible Service Switch - to service load, remove power by pulling the FASS™ switch out completely on Switch. After servicing load, push the FASS™ switch back in fully to restore power to the control.

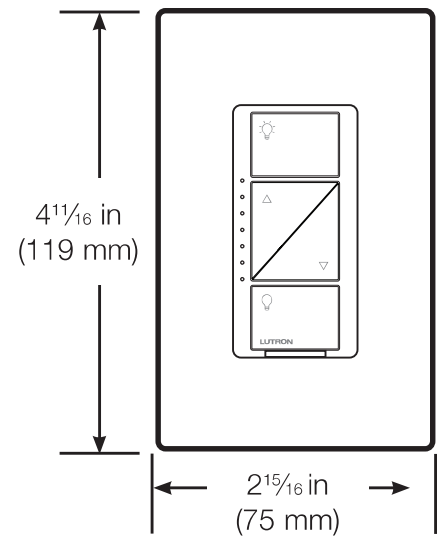
Mounting



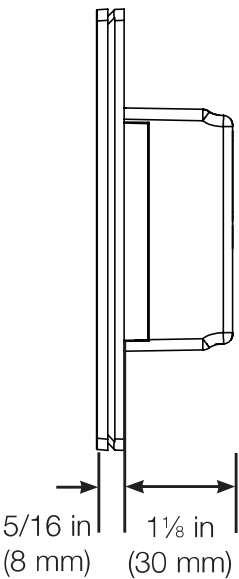
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Dimensions

Front View

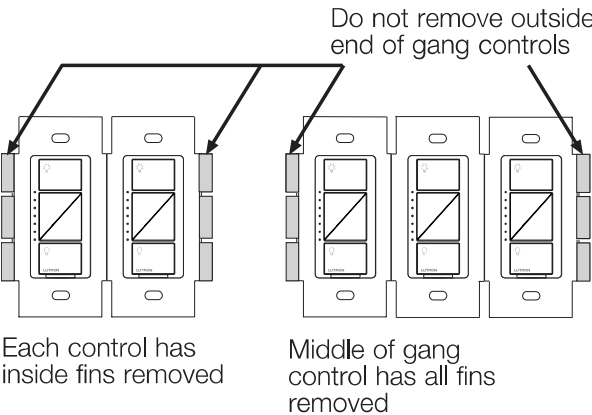


Side View






Ganging and Derating

When ganging with other controls in the same wallbox, derating is required. See Load Type and Capacity chart.



Load Type and Capacity\*

CFL/LED Total Wattage		  		
		Incandescent/Halogen Total Wattage		
		A	B	C
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

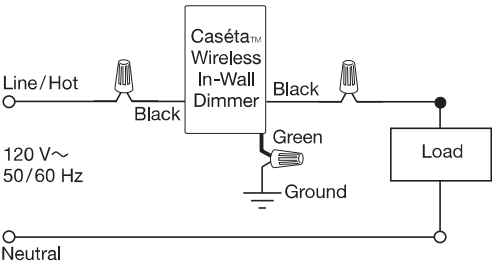
- Mixing bulb types (using a combination of CFL/LED and incandescent/halogen bulbs) reduces maximum wattage as shown in the chart above.
- In-wall dimmer has a minimum load requirement of 25 W or one bulb from the compatible bulb list.

\* See [www.casetawireless.com/bulblast](http://www.casetawireless.com/bulblast) for the latest list of compatible bulbs.

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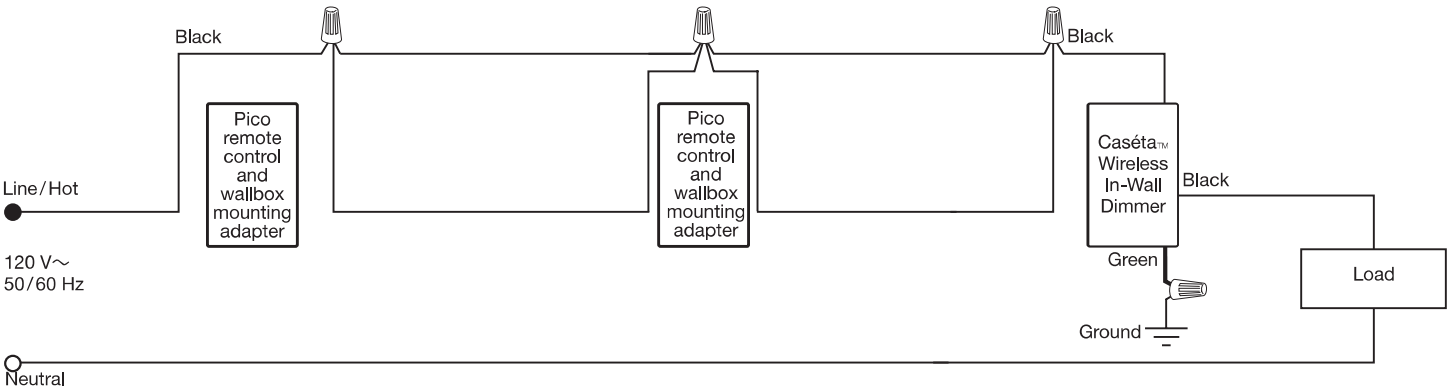
Wiring Diagrams

Single Location Installation



Multi-Location Installation

With Pico® remote controls (PJ2-XX-XX) and wallbox mounting adapters (PICO-WBX-ADAPT)

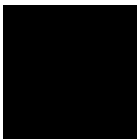


Colors and Finishes

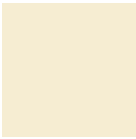
Gloss Finishes



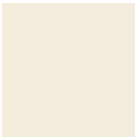
White  
WH



Black  
BL



Ivory  
IV



Light Almond  
LA

Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.

Job Name:	Model Numbers:		
Job Number:			