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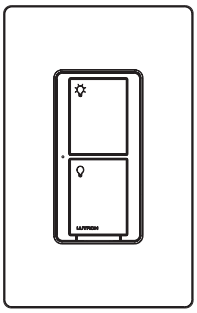
Caséta™ Wireless In-Wall Switch

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

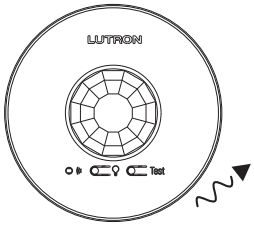
Receiving Device

Caséta™ Wireless In-Wall Switch

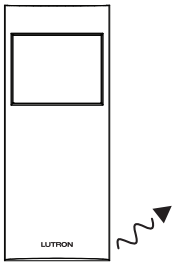


Wireless Transmitting Devices

Radio Powr Savr™ Sensors

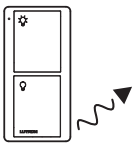


Ceiling-mounted Occupancy/Vacancy Sensor



Wall-mounted Occupancy/Vacancy Sensor

Pico® Remote Control



Features

- The Caséta™ Wireless In-Wall Switch provides switching of multiple load types and, when paired with wireless transmitting devices, allows remote control and occupancy/vacancy sensing.
- Lutron® patented Clear Connect® RF Technology works through walls and floors.
- Includes Front Accessible Service Switch (FASS™) for safe lamp replacement.
- Two-wire switch 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.

Load Type and Capacity

Model Number	Description	Voltage	Load Type	Minimum Load	Maximum Load[4]		
					Not Ganged	End of Gang	Middle of Gang
PD-5WS-DV-XX[1,2]	Caséta™ Wireless In-Wall Switch	120/277 V~	CFL/LED	40 W (LUT-MLC)[3]	5 A	4 A	3 A
		120/277 V~	Fluorescent	40 W (LUT-MLC)[3]	5 A	4 A	3 A
		120 V~	Incandescent/ Halogen	25 W	600 W	450 W	350 W
		277 V~	Incandescent/ Halogen	25 W	1350 W	1100 W	800 W
		120 V~	ELV	40 W (LUT-MLC)[3]	600 W	450 W	350 W
		277 V~	ELV	40 W (LUT-MLC)[3]	1350 W	1100 W	800 W
		120 V~	MLV	25 W	600 VA/475 W	450 VA/350 W	350 VA/275 W
		277 V~	MLV	25 W	1350 VA/1075 W	1100 VA/875 W	800 VA/625 W
		120 V~	General Purpose Fan	0.4 A	3 A	3 A	3 A

1 No Neutral Required.
2 "XX" in the model number represents color/finish code.
3 To ensure proper installation, install LUT-MLC.
4 See "Ganging and Derating" section

Job Name:	Model Numbers:
Job Number:	

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:
120/277 V~ 50/60 Hz

Key Design Features

All RF Local Controls

- 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.
- Switches 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 conventional 3-way wiring.
- 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) depth recommended, 2¼ in (57 mm) depth minimum.
- Green status LED.

System Communications and Capacity

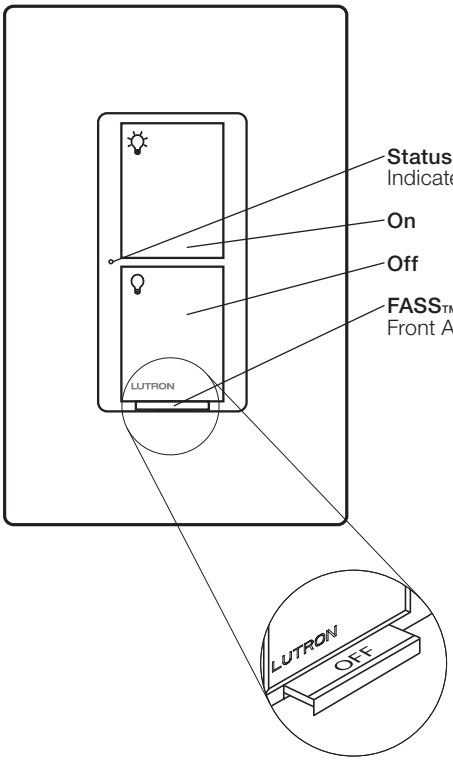
- The Caséta™ Wireless In-Wall Switch communicates with the Pico® remote controls and Radio Power Savr™ sensors through radio frequency (RF).
- The Caséta™ Wireless In-Wall Switch must be located within 60 ft (18 m) line-of-sight or 30 ft (9 m) through walls, of Pico® remote controls and Radio Power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

Environment

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

Job Name:	Model Numbers:
Job Number:	

Operation



Status LED
Indicates load status; glows softly as night light when load is off

On

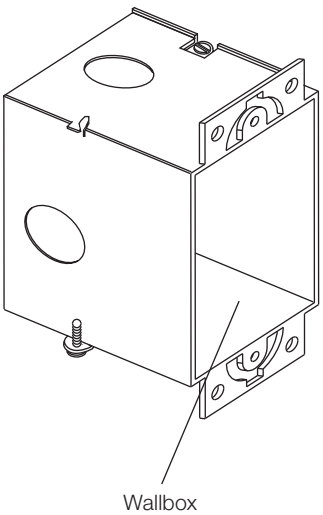
Off

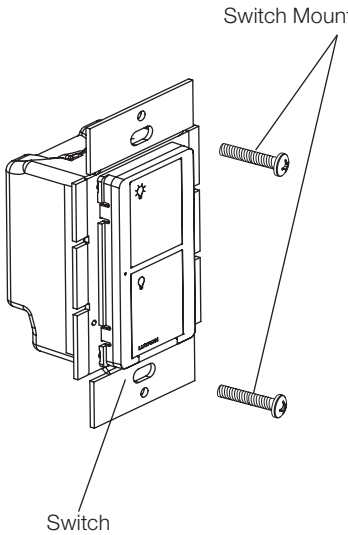
FASS™
Front Accessible Service Switch

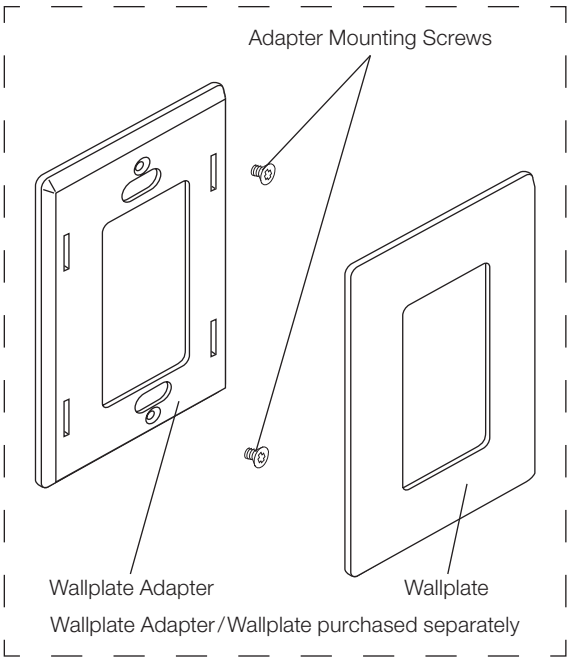
FASS™ — Front Accessible Service Switch

Important Notice: To service load, remove power by pulling out the FASS™ as far as possible. To restore power after servicing load, push the FASS™ back in completely.

Mounting



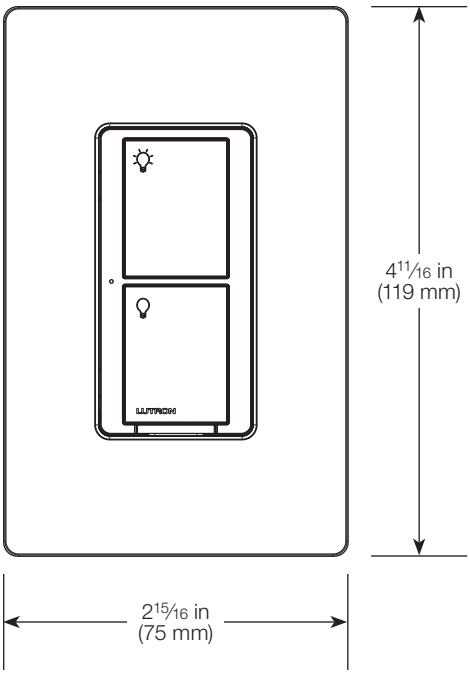




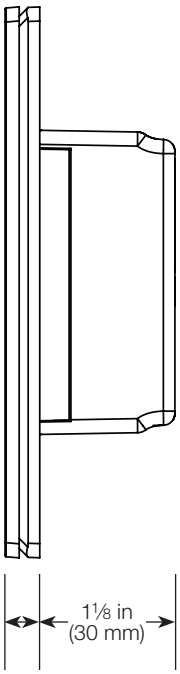
Job Name:	Model Numbers:
Job Number:	

Dimensions

Front View

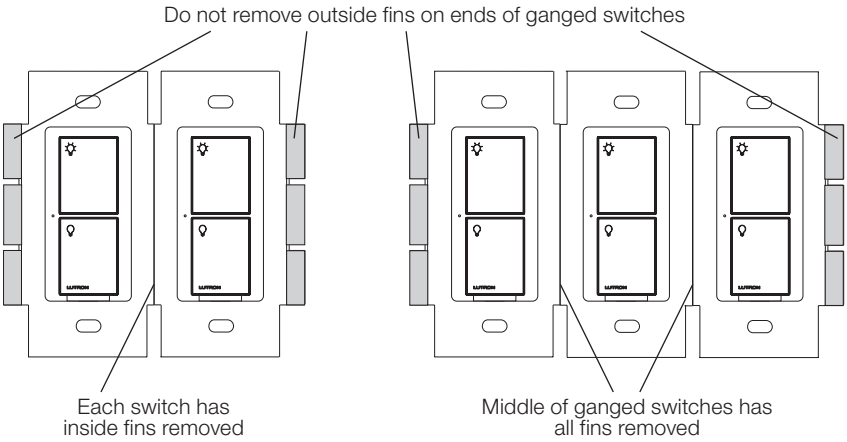


Side View



Ganging and Derating

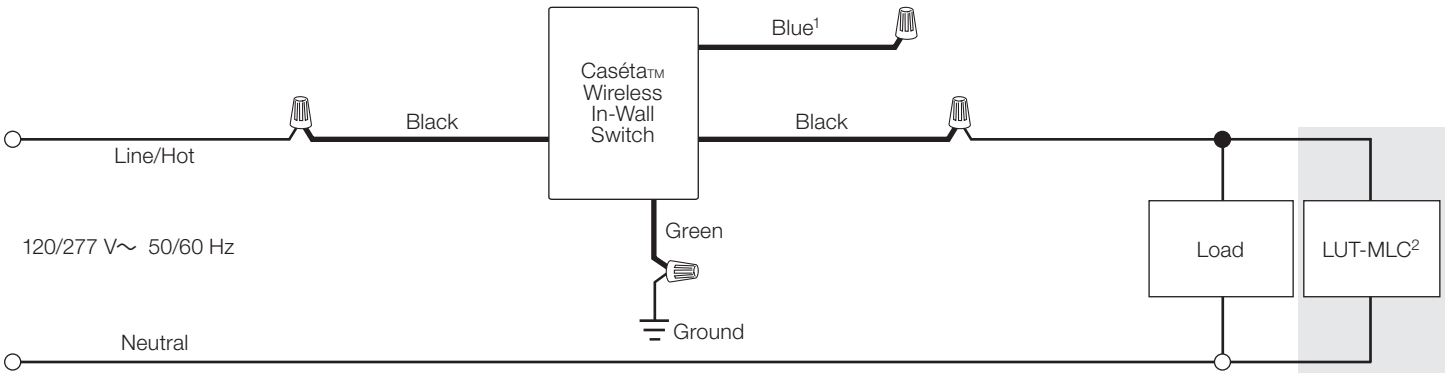
When ganging with other switches in the same wallbox, derating is required. See “Load Type and Capacity” chart.



Job Name:	Model Numbers:
Job Number:	

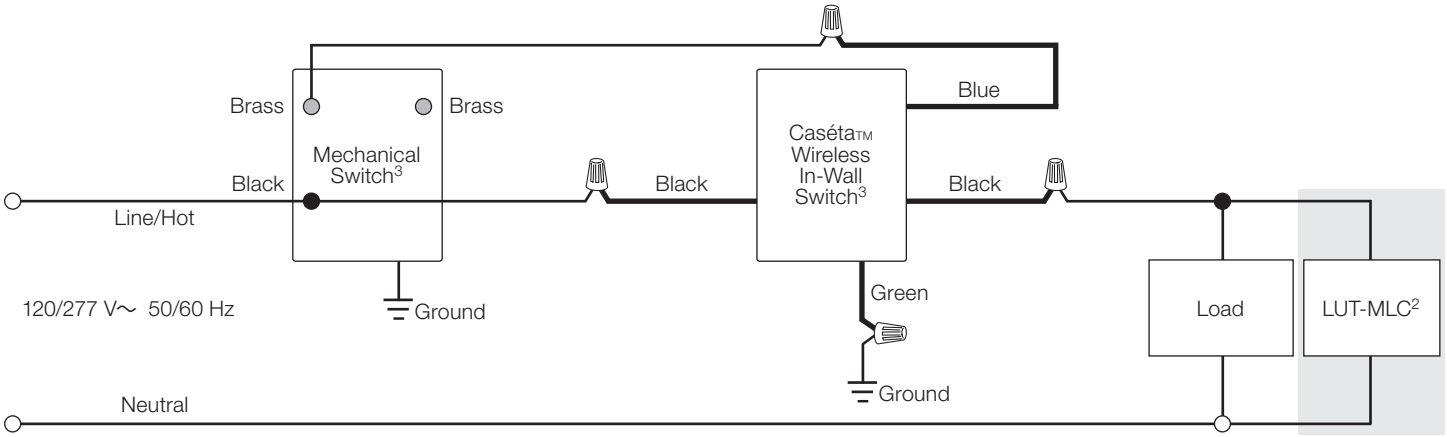
Wiring Diagrams

Single Location Installation



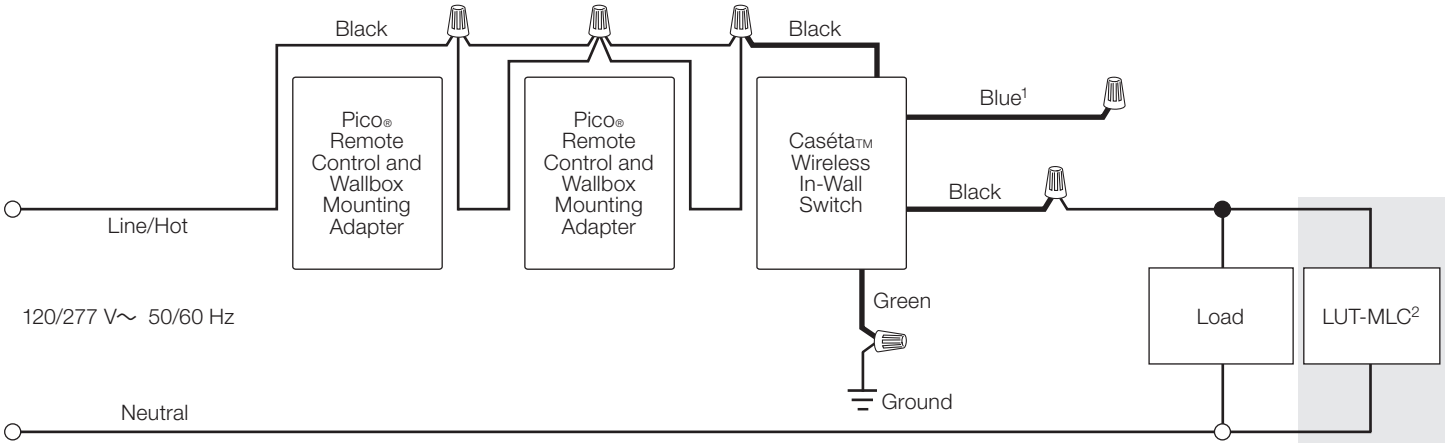
3-Way Installation

(With Mechanical Switch)



Multi-location Installation

With Pico® remote controls (PJ2-2B-xx) and wallbox mounting adapters (PICO-WBX-ADAPT)



1 When using controls without mechanical 3-way switch, cap blue terminal. Do not connect the blue wire to any other wiring or to ground.

2 A LUT-MLC ensures proper function when fluorescent, CFL, or LED loads are used. Install the LUT-MLC inside a load fixture or in a separate junction box of the circuit. The LUT-MLC may also be installed in the wallbox with the switch if neutral is present and space permits.

3 Location of Caséta™ Wireless In-Wall Switch and mechanical switch may be reversed.

LUTRON® SPECIFICATION SUBMITTAL Page

Job Name:	Model Numbers:
Job Number:	

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:	