Thank you for purchasing Caséta Wireless from Lutron. This document will guide you through several additional installation topics beyond those covered in the quick-start guide included with your product.

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Two switches control the lights (3-way installation)

2 What you need for a 3-way installation

- In-wall dimmer
  PD-6WCL
- Claro Wallplate
  CW-1
- Pico remote control with wall-mounting kit
  PJ2-WALL

3 Choose a location for your Caséta Wireless dimmer

Choose which location you want the Caséta Wireless dimmer installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

Location 1

6 Tag and disconnect wires from the existing switch

Location 1

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper) Different Color Screw
Wireless

7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on dimmers at the end of gang.

Each dimmer has inside side sections removed. Dimmer in the middle has all side sections removed.

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>Total Dimmable LED Wattage</th>
<th>Incandescent/Halogen Total Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
</tr>
<tr>
<td>0 W</td>
<td>600 W</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>500 W</td>
</tr>
<tr>
<td>26 W – 50 W</td>
<td>400 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>300 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>200 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>100 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>0 W</td>
</tr>
</tbody>
</table>

8 Connect the Caséta Wireless dimmer

9 Mount the Caséta Wireless dimmer

10 Attach the wallplate

11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the switch
13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Turn power on at circuit breaker

17 Press and hold "Off" button on dimmer

18 Press and hold "Off" button on remote control

19 Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
3-Way Installation - Caséta Wireless In-Wall Dimmer with Pico Remote Control (PD-6WCL)

Schematic Diagram

* Dimmer may be installed in either location.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If three or more switches control the lights
  (multi-location installation) See page 45 for details

2 What you need for a 3-way installation

In-wall switch
PD-5WS-DV

Pico remote control
PJ2-2B

Wallplate Bracket
PICO-WBX-ADAPT

Two Claro Wallplates
CW-1

3 Choose a location for your Caséta Wireless switch

Choose which location you want the Caséta Wireless switch installed in.
This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw
**7 Ganging and De-rating**

<table>
<thead>
<tr>
<th>PD-5WS-DV (120 V~)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>Halogen/Incandescent</td>
<td>600 W</td>
<td>450 W</td>
<td>350 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>600 W</td>
<td>450 W</td>
<td>350 W</td>
</tr>
<tr>
<td>Magnetic Low-Voltage¹</td>
<td>600 VA/475 W</td>
<td>450 VA/350 W</td>
<td>350 VA/275 W</td>
</tr>
<tr>
<td>Fluorescent²</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>3 A</td>
<td>3 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PD-5WS-DV (277 V~)</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>Halogen/Incandescent</td>
<td>1350 W</td>
<td>1100 W</td>
<td>800 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>1350 W</td>
<td>1100 W</td>
<td>800 W</td>
</tr>
<tr>
<td>Magnetic Low-Voltage¹</td>
<td>1350 VA/1075 W</td>
<td>1100 VA/875 W</td>
<td>800 VA/625 W</td>
</tr>
<tr>
<td>Fluorescent²</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

¹ The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.

² The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.

**8 Connect the new Caséta Wireless switch**

- Location 1
  - Tagged Wire
  - Ground (Green Wire)

**9 Mount the Caséta Wireless switch**

- Location 1

**10 Attach the wallplate**

- Wallplate Adapter

**11 Remove existing switch from wall at Location 2**

**12 Tag and disconnect wires from the existing switch**

- Location 2
  - Place tag - to identify wire on different color screw
  - Ground (Green/Bare Copper)
13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Turn power on at circuit breaker

17 Press and hold "Off" button on switch

18 Press and hold "Off" button on remote control

19 Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
Schematic Diagram

* Switch may be installed in either location.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation) See quick-start guide that came with your dimmer
- If three or more switches control the lights (multi-location installation) See page 40 for details

2 What you need for a 3-way installation

In-wall PRO dimmer PD-10NXD

Claro Wallplate CW-1

Pico remote control with wall-mounting kit PJ2-WALL

3 Choose a location for your Caséta Wireless dimmer

Choose which location you want the Caséta Wireless dimmer installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

Location 1

6 Tag and disconnect wires from the existing switch

Location 1

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper) Different Color Screw
7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on dimmers at the end of gang.

8 Connect the Caséta Wireless dimmer

Location 1

9 Mount the Caséta Wireless dimmer

Location 1

10 Attach the wallplate

Location 1

11 Remove existing switch from wall at Location 2

Location 2

12 Tag and disconnect wires from the switch

Location 2

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>Total Dimmable LED Wattage</th>
<th>Incandescent/Halogen Total Wattage</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 W</td>
<td>1000 W</td>
<td>800 W</td>
<td>600 W</td>
<td></td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>900 W</td>
<td>700 W</td>
<td>500 W</td>
<td></td>
</tr>
<tr>
<td>26 W – 50 W</td>
<td>800 W</td>
<td>600 W</td>
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<tr>
<td>51 W – 75 W</td>
<td>700 W</td>
<td>500 W</td>
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<tr>
<td>76 W – 100 W</td>
<td>600 W</td>
<td>400 W</td>
<td>200 W</td>
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</tr>
<tr>
<td>101 W – 125 W</td>
<td>500 W</td>
<td>300 W</td>
<td>100 W</td>
<td></td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>400 W</td>
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<td>50 W</td>
<td></td>
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<tr>
<td>151 W – 175 W</td>
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<td>176 W – 200 W</td>
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<td>50 W</td>
<td>0 W</td>
<td></td>
</tr>
<tr>
<td>201 W – 225 W</td>
<td>100 W</td>
<td>50 W</td>
<td>0 W</td>
<td></td>
</tr>
<tr>
<td>226 W – 250 W</td>
<td>0 W</td>
<td>0 W</td>
<td>0 W</td>
<td></td>
</tr>
</tbody>
</table>

* If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector. Neutral required for: MLV loads, LED drivers, PHPM-PA, PHPM-3F, GRX-TVI.
3-Way Installation - Caséta Wireless In-Wall PRO Dimmer with Pico Remote Control (PD-10NXD)

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Turn power on at circuit breaker

17 Press and hold "Off" button on dimmer

18 Press and hold "Off" button on remote control

19 Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector. Neutral required for: MLV loads, LED drivers, PHPM-PA, PHPM-3F, GRX-TVI.

Tagged Wire

* Dimmer may be installed in either location.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If three or more switches control the lights
  (multi-location installation) See page 50 for details

2 What you need for a 3-way installation

Choose which location you want the Caséta Wireless switch installed in. This will be Location 1.

3 Choose a location for your Caséta Wireless switch

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Neutral connection required

Ground (Green/Bare Copper) Different Color Screw

Place tag - to identify wire on different color screw
7 Remove side sections (if necessary)

When installing more than one Caséta Wireless switch in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Important note:
Removing side sections reduces the switch’s maximum wattage rating. See the chart below for maximum wattage information.

8 Connect the new Caséta Wireless neutral switch

9 Mount the Caséta Wireless neutral switch

10 Attach the wallplate

11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

---

**PD-5ANS/PD-6ANS (120 V~)**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>Halogen / incandescent</td>
<td>720 W</td>
<td>720 W</td>
<td>600 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Magnetic Low-Voltage²</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Fluorescent³</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>3.6 A</td>
<td>3.6 A</td>
<td>3.6 A</td>
</tr>
</tbody>
</table>

¹ Neutral required.

² The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.

³ The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.
**Wireless**

3-Way Installation - Caséta Wireless In-Wall Neutral Switch with Pico Remote Control (PD-5ANS/PD-6ANS)

**13** Connect the wires

**Location 2**

**14** Attach the wallplate bracket and Pico remote control

**Location 2**

**15** Attach the wallplate

**Location 2**

**16** Turn power on at circuit breaker

**Pairing the switch and Pico remote control**

**17** Press and hold “Off” button on switch

**Location 1**

**18** Press and hold “Off” button on remote control

**Location 2**

**19** Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
* Switch may be installed in either location.

Note: The red wire must be connected to the load and the black wire must be connected to Line/Hot. The product will not work if the wires are reversed.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation) See quick-start guide that came with your dimmer
- If three or more switches control the lights (multi-location installation) See page 55 for details

2 What you need for a 3-way installation

ELV+ dimmer PD-5NE
Claro Wallplate CW-1
Pico remote control with wall-mounting kit PJ2-WALL

3 Choose a location for your Caséta Wireless dimmer

Choose which location you want the Caséta Wireless dimmer installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

Location 1

6 Tag and disconnect wires from the existing switch

Location 1

Place tag - to identify wire on different color screw

Access to Neutral is required
7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on dimmers at the end of gang.

Each dimmer has inside side sections removed. Dimmer in the middle has all side sections removed.

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

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<thead>
<tr>
<th>PD-5NE (120 V~)</th>
<th>Incandescent/Halogen Total Wattage</th>
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<td>A</td>
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</tr>
<tr>
<td>LED</td>
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</tr>
<tr>
<td>Halogen / Incandescent</td>
<td>500 W</td>
</tr>
<tr>
<td>Electronics Low-Voltage</td>
<td>500 W</td>
</tr>
<tr>
<td>Magnetic Low Voltage</td>
<td>400 VA</td>
</tr>
</tbody>
</table>

8 Connect the Caséta Wireless dimmer

Tagged Wire

Black Wire

Red Wire

White Wire (Neutral Required)

Ground (Green Wire)

9 Mount the Caséta Wireless dimmer

10 Attach the wallplate

11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the switch

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper)
3-Way Installation - Caséta Wireless In-Wall ELV+ Dimmer with Pico Remote Control (PD-5NE)

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Turn power on at circuit breaker

17 Press and hold “Off” button on dimmer

18 Press and hold “Off” button on remote control

19 Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
1 Identify existing wiring

Two switches control the fan (3-way installation)

Important note:
- If one switch controls the fan (single-pole installation) See quick-start guide that came with your control
- If three or more switches control the fan (multi-location installation) See page 60 for details

2 What you need for a 3-way installation

Fan Control PD-FSQN
Two Claro Wallplates CW-1
Pico Wallbox Adapter PICO-WBX-ADAPT
Pico Remote Control for Fans PJ2-3BRL-XXX-F01

3 Choose a location for your Caséta Wireless fan control

Choose which location you want the Caséta Wireless fan control installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Access to Neutral is required

Ground (Green/Bare Copper) Different Color Screw
7 Remove side sections (if necessary)
When installing more than one Caséta Wireless fan control in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on fan controls at the end of gang.

Each fan control has inside side sections removed. Fan control in the middle has all side sections removed.

8 Connect the Caséta Wireless fan control

9 Mount the Caséta Wireless fan control

10 Attach the wallplate

11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the switch

When installing more than one Caséta Wireless fan control in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.
Caséta Wireless
3-Way Installation - Caséta Wireless In-Wall Fan Control with Pico Remote Control (PD-FSQN)

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Turn power on at circuit breaker

Pairing the fan control and Pico remote control

17 Press and hold "Off" button on fan control

18 Press and hold "Off" button on remote control

19 Pair additional remote controls

Repeat steps 17 and 18 to pair additional remote controls.
Wireless In-Wall Fan Control with Pico Remote Control (PD-FSQN)

Schematic Diagram

* Control can be installed in either location.

NOTE: The yellow wire must be connected to the load and the black wire must be connected to line/hot. The product will not work if the wires are reversed.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If three or more switches control the lights
  (multi-location installation) See page 45 for details

2 What you need for a 3-way installation

In-wall switch PD-5WS-DV
Claro Wallplate CW-1

Existing mechanical toggle switch

3 Choose a location for your Caséta Wireless switch

Choose which location you want the Caséta Wireless switch installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper) Different Color Screw
7 Ganging and De-rating

<table>
<thead>
<tr>
<th></th>
<th>Location 1</th>
<th>Location 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PD-SWS-DV (120 V ~)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LED</td>
<td>5 A</td>
<td>4 A</td>
</tr>
<tr>
<td>Halogen/Incandescent</td>
<td>600 W</td>
<td>1100 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>600 W</td>
<td>1100 W</td>
</tr>
<tr>
<td>Magnetic Low-Voltage</td>
<td>600 VA/475 W</td>
<td>1100 VA/875 W</td>
</tr>
<tr>
<td>Fluorescent</td>
<td>5 A</td>
<td>4 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>3 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

**PD-SWS-DV (277 V ~)**

<table>
<thead>
<tr>
<th></th>
<th>Location 1</th>
<th>Location 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>5 A</td>
<td>4 A</td>
</tr>
<tr>
<td>Halogen/Incandescent</td>
<td>1350 W</td>
<td>1100 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>1350 W</td>
<td>1100 W</td>
</tr>
<tr>
<td>Magnetic Low-Voltage</td>
<td>1350 VA/1075 W</td>
<td>1100 VA/875 W</td>
</tr>
<tr>
<td>Fluorescent</td>
<td>5 A</td>
<td>4 A</td>
</tr>
</tbody>
</table>

1 The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.

2 The in-wall switch is UL listed for use with all magnetic and electronic fluorescent ballasts.

8 Connect the new Caséta Wireless switch

9 Mount the Caséta Wireless switch

10 Attach the wallplate

11 Remove existing toggle switch from wall at Location 2

12 Modify wiring for existing toggle switch

**Location 1**

- Black Wire
- Blue Wire
- Tagged Wire
- Non-Black Wire
- Ground (Green Wire)

**Location 2**

- Add jumper wire as shown
- Different Color Screw
- Ground (Green/Bare Copper)
**Important note: Pico remote control (optional)**

If you would like to pair a Pico remote control to the Caséta Wireless in-wall switch, please follow the procedure described in the quick-start guide that came with your switch.
1 Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If three or more switches control the lights
  (multi-location installation) See page 40 for details

2 What you need for a 3-way installation

3 Choose a location for your Caséta Wireless dimmer

Choose which location you want the Caséta Wireless dimmer installed in. This will be Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Ground (Green / Bare Copper) Different Color Screw
Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on switches at the end of gang.

Each dimmer has inside side sections removed.

Dimmer in the middle has all side sections removed.

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>Total Dimmable LED Wattage</th>
<th>Incandescent/Halogen Total Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
</tr>
<tr>
<td>0 W</td>
<td>1000 W</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>900 W</td>
</tr>
<tr>
<td>26 W – 50 W</td>
<td>800 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>700 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>600 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>500 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>400 W</td>
</tr>
<tr>
<td>151 W – 175 W</td>
<td>300 W</td>
</tr>
<tr>
<td>176 W – 200 W</td>
<td>200 W</td>
</tr>
<tr>
<td>201 W – 225 W</td>
<td>100 W</td>
</tr>
<tr>
<td>226 W – 250 W</td>
<td>0 W</td>
</tr>
</tbody>
</table>

Connect the new Caséta Wireless dimmer

Note wire color tied to blue wire

Tagged Wire

* If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector. Neutral required for: MLV loads, LED drivers, PHPM-P9A, PHPM-3F, GRX-TV1.

Mount the Caséta Wireless dimmer

Attach the wallplate

Remove existing toggle switch from wall at Location 2

Modify wiring for existing toggle switch

Remaining Wire (disconnect from switch)

Noted wire color from Step 8 (keep connected to switch)

Different Color Screw/Tagged Wire (disconnect from switch)

Ground - Green/Bare Copper (keep connected to switch)

Note wire color tied to blue wire
**Caseta Wireless**
3-Way Installation - Caseta Wireless In-Wall PRO Dimmer with Mechanical Toggle Switch (PD-10NXD)

### 12b Modify wiring for existing toggle switch

**Location 2**

**13 Remount existing switch**

**Location 2**

**14 Turn power on at circuit breaker**

**Schematic Diagram**

**Important note: Pico remote control (optional)**

If you would like to pair a Pico remote control to the Caseta Wireless in-wall dimmer, please follow the procedure described in the quick-start guide that came with your dimmer.

If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector. Neutral required for: MLV loads, LED drivers, PHPM-PA, PHPM-3F, GRX-TVI.

* Dimmer may be installed in either location.
1. Identify existing wiring

Two switches control the lights (3-way installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If three or more switches control the lights
  (multi-location installation) See page 50 for details

2. What you need for a 3-way installation

   In-wall switch
   PD-5ANS/PD-6ANS

   Claro Wallplate
   CW-1

   Existing mechanical toggle switch

3. Choose a location for your Caséta Wireless switch

   Choose which location you want the Caséta Wireless dimmer installed in. This will be Location 1.

4. Turn power off at circuit breaker

   WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5. Remove existing switch from wall

6. Tag and disconnect wires from the existing switch

   Place tag - to identify wire on different color screw

   Neutral connection required
Caséta Wireless
3-Way Installation - Caséta Wireless In-Wall Neutral Switch with Mechanical Toggle Switch (PD-5ANS/PD-6ANS)

7 Remove side sections (if necessary)
When installing more than one Caséta Wireless switch in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

8 Connect the new Caséta Wireless neutral switch
Note wire color tied to blue wire

Important note:
Removing side sections reduces the switch’s maximum wattage rating. See the chart below for maximum wattage information.

9 Mount the Caséta Wireless switch

10 Attach the wallplate

11 Remove existing toggle switch from wall at Location 2

12a Modify wiring for existing toggle switch

<table>
<thead>
<tr>
<th>Location 1</th>
<th>Location 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Red</td>
</tr>
<tr>
<td>Blue</td>
<td>Blue</td>
</tr>
<tr>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td>White</td>
<td>White</td>
</tr>
<tr>
<td>Tagged Wire</td>
<td>Tagged Wire</td>
</tr>
<tr>
<td>Ground (Green Wire)</td>
<td>Ground (Green Wire)</td>
</tr>
</tbody>
</table>

Important note:
1 Neutral required.
2 The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.
3 The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.

PD-5ANS/PD-6ANS (120 V〜)

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>Halogen/Incandescent</td>
<td>720 W</td>
<td>720 W</td>
<td>600 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Magnetic Low-Voltage</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Fluorescent 2</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>3.6 A</td>
<td>3.6 A</td>
<td>3.6 A</td>
</tr>
</tbody>
</table>

1 Neutral required.
2 The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.
3 The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.
Caséta Wireless
3-Way Installation - Caséta Wireless In-Wall Neutral Switch with Mechanical Toggle Switch (PD-5ANS/PD-6ANS)

12b Modify wiring for existing toggle switch

Location 2

Noted wire color from Step 8
Remaining wire
Ground (Green/Bare Copper)
Jumper wire (included in box)
Different Color Screw/Tagged Wire

13 Remount existing switch

Location 2

14 Turn power on at circuit breaker

Important note: Pico remote control (optional)
If you would like to pair a Pico remote control to the Caséta Wireless in-wall switch, please follow the procedure described in the quick-start guide that came with your switch.

Schematic Diagram

* Switch may be installed in either location.

Note: The red wire must be connected to the load and the black wire must be connected to Line/Hot. The product will not work if the wires are reversed.
Multi-Location Installation - Caséta Wireless In-Wall Dimmer with Pico Remote Controls (PD-6WCL)

1 Identify existing wiring

Three or more switches control the lights
(multi-location installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your dimmer
- If two switches control the lights (3-way installation)
  See page 2 for details

2 What you need for a multi-location installation

<table>
<thead>
<tr>
<th>In-wall dimmer</th>
<th>Claro Wallplate</th>
<th>Two Pico remote controls with wall-mounting kits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD-6WCL or P-PKG1W</td>
<td>CW-1</td>
<td>PJ2-WALL</td>
</tr>
</tbody>
</table>

3 Choose a location for your Caséta Wireless dimmer

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your dimmer (Locations 1 or 3). In this example, we will use Location 1.

- 3-Way Switch
  Locations 1 and 3

- 4-Way Switch
  Location 2

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall at Location 1

Location 1
Wireless Multi-Location Installation - Caséta Wireless In-Wall Dimmer with Pico Remote Controls (PD-6WCL)

6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on dimmers at the end of gang.

Each dimmer has inside side sections removed.

Dimmer in the middle has all side sections removed.

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>Total Dimmable LED Wattage</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 W</td>
<td>600 W</td>
<td>500 W</td>
<td>400 W</td>
</tr>
<tr>
<td>1 W – 25 W</td>
<td>500 W</td>
<td>400 W</td>
<td>300 W</td>
</tr>
<tr>
<td>26 W – 50 W</td>
<td>400 W</td>
<td>300 W</td>
<td>200 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>300 W</td>
<td>200 W</td>
<td>100 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>200 W</td>
<td>100 W</td>
<td>50 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>100 W</td>
<td>50 W</td>
<td>0 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>0 W</td>
<td>0 W</td>
<td>0 W</td>
</tr>
</tbody>
</table>

8 Connect the new Caséta Wireless dimmer

9 Mount the Caséta Wireless dimmer

10 Attach the wallplate

“snap”

Wallplate Adapter

Wallplate

Ground (Green/Bare Copper)

Different Color Screw

Ground (Green/Bare Copper)

Tagged wire
**Multi-Locatiion Installation - Caséta Wireless In-Wall Dimmer with Pico Remote Controls (PD-6WCL)**

11. Remove existing switch from wall at Location 2

12. Tag and disconnect wires from the existing switch

13. Connect the wires

14. Attach the wallplate bracket and Pico remote control

15. Attach the wallplate

16. Remove existing switch from wall at Location 3
Wireless Multi-Location Installation - Caséta Wireless In-Wall Dimmer with Pico Remote Controls (PD-6WCL)

17 Tag and disconnect wires from the existing switch

Location 3

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper) Different Color Screw

18 Connect the wires

Location 3

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

Location 3

17 Tag and disconnect wires from the existing switch

Location 3

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper) Different Color Screw

18 Connect the wires

Location 3

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

Location 3

21 Turn power on at circuit breaker

Pairing the dimmer and Pico remote controls

22 Press and hold "Off" button on dimmer

Location 1

Status LEDs flash

23 Press and hold "Off" button on remote control

Location 2

Lights flash three times

24 Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
It is recommended to install dimmer in either Location 1 or 3.
**1 Identify existing wiring**

Three or more switches control the lights (multi-location installation)

**Important note:**
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your dimmer
- If two switches control the lights (3-way installation)
  See page 10 or page 29 for details

**2 What you need for a multi-location installation**

- In-wall PRO dimmer PD-10NXD
- Claro Wallplate CW-1
- Two Pico remote controls with wall-mounting kits PJ2-WALL

**3 Choose a location for your Caséta Wireless dimmer**

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your dimmer (Locations 1 or 3). In this example, we will use Location 1.

- 3-Way Switch Locations 1 and 3
- 4-Way Switch Location 2

**4 Turn power off at circuit breaker**

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

**5 Remove existing switch from wall at Location 1**

Location 1
6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Do not remove outside side sections on dimmers at the end of gang.

Each dimmer has inside side sections removed.

Dimmer in the middle has all side sections removed.

Important note:
Removing side sections reduces the dimmer’s maximum wattage rating. See the chart below for maximum wattage information.

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<tr>
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<th>Incandescent/Halogen Total Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 W</td>
<td>A: 1000 W, B: 800 W, C: 600 W</td>
</tr>
<tr>
<td>26 W – 50 W</td>
<td>A: 800 W, B: 650 W, C: 450 W</td>
</tr>
<tr>
<td>51 W – 75 W</td>
<td>A: 700 W, B: 500 W, C: 300 W</td>
</tr>
<tr>
<td>76 W – 100 W</td>
<td>A: 600 W, B: 400 W, C: 200 W</td>
</tr>
<tr>
<td>101 W – 125 W</td>
<td>A: 500 W, B: 300 W, C: 100 W</td>
</tr>
<tr>
<td>126 W – 150 W</td>
<td>A: 500 W, B: 250 W, C: 100 W</td>
</tr>
<tr>
<td>151 W – 175 W</td>
<td>A: 400 W, B: 200 W, C: 50 W</td>
</tr>
<tr>
<td>176 W – 200 W</td>
<td>A: 300 W, B: 150 W, C: 50 W</td>
</tr>
<tr>
<td>201 W – 225 W</td>
<td>A: 200 W, B: 100 W, C: 0 W</td>
</tr>
<tr>
<td>226 W – 250 W</td>
<td>A: 100 W, B: 50 W, C: 0 W</td>
</tr>
</tbody>
</table>

8 Connect the new Caséta Wireless dimmer

9 Mount the Caséta Wireless dimmer

10 Attach the wallplate

If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector.
Neutral required for: MLV loads, LED drivers, PHPM-PA, PHPM-3F, GRX-TVI.
11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Remove existing switch from wall at Location 3
17 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper) Different Color Screw

18 Connect the wires

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

18 Connect the wires

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

20 Attach the wallplate

‘snap’

Wallplate Adapter Wallplate

21 Turn power on at circuit breaker

Pairing the dimmer and Pico remote controls

22 Press and hold "Off" button on dimmer

Status LEDs flash

23 Press and hold "Off" button on remote control

Lights flash three times

24 Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
If available, connect the neutral wire from the wallbox to the white wire on the dimmer. If neutral is not available, cap the white wire with a wire connector.

Neutral required for: MLV loads, LED drivers, PHPM-PA, PHPM-3F, GRX-TVI.

* It is recommended to install dimmer in either Location 1 or 3.
1 Identify existing wiring

Three or more switches control the lights (multi-location installation)

Important note:
- If one switch controls the lights (single-pole installation)
  - See quick-start guide that came with your switch
- If two switches control the lights (3-way installation)
  - See page 6 or page 26 for details

3 Choose a location for your Caséta Wireless switch

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your Caséta Wireless switch (Locations 1 or 3). In this example, we will use Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall at Location 1

Location 1

In-wall switch
PD-5WS-DV

Two Pico remote controls
PJ2-2B

Three Claro Wallplates
CW-1

Two Wallplate Brackets
PICO-WBX-ADAPT

3-Way Switch Locations 1 and 3

4-Way Switch Location 2

Two Pico remote controls
PJ2-2B

Three Claro Wallplates
CW-1

Two Wallplate Brackets
PICO-WBX-ADAPT

In-wall switch
PD-5WS-DV

Two Pico remote controls
PJ2-2B

Three Claro Wallplates
CW-1

Two Wallplate Brackets
PICO-WBX-ADAPT

In-wall switch
PD-5WS-DV

Two Pico remote controls
PJ2-2B

Three Claro Wallplates
CW-1

Two Wallplate Brackets
PICO-WBX-ADAPT

In-wall switch
PD-5WS-DV

Two Pico remote controls
PJ2-2B

Three Claro Wallplates
CW-1

Two Wallplate Brackets
PICO-WBX-ADAPT
6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

7 Ganging and De-rating

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PD-5WS-DV (120 V ~)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LED</td>
<td>5 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>Halogen/incandescent</td>
<td>600 W</td>
<td>450 W</td>
<td>350 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>600 W</td>
<td>450 W</td>
<td>350 W</td>
</tr>
<tr>
<td>Magnetic Low-Voltage</td>
<td>600 VA/475 W</td>
<td>450 VA/350 W</td>
<td>350 VA/275 W</td>
</tr>
<tr>
<td>Fluorescent*</td>
<td>6 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>6 A</td>
<td>5 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

**PD-5WS-DV (277 V ~)**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
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<tbody>
<tr>
<td>LED</td>
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<td>Electronic Low-Voltage</td>
<td>1350 W</td>
<td>1100 W</td>
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<tr>
<td>Magnetic Low-Voltage</td>
<td>1350 VA/1075 W</td>
<td>1100 VA/875 W</td>
<td>800 VA/625 W</td>
</tr>
<tr>
<td>Fluorescent*</td>
<td>6 A</td>
<td>4 A</td>
<td>3 A</td>
</tr>
</tbody>
</table>

*The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.

*The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.

8 Connect the new Caséta Wireless switch

Tagged wire

9 Mount the Caséta Wireless switch

10 Attach the wallplate

Wallplate Adapter

Wallplate

'Snap'

Ground (Green Wire)

Black

Blue

Black
11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

Place tags - to identify wires on different color screws

13 Connect the wires

Tagged Wires

Ground (Green/Bare Copper)

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Remove existing switch from wall at Location 3

Different Color Screws

Ground (Green/Bare Copper)
17 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper)

Different Color Screw

18 Connect the wires

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

20 Attach the wallplate

21 Turn power on at circuit breaker

22 Press and hold "Off" button on switch

Status LED flashes

HOLD

23 Press and hold "Off" button on remote control

Lights flash three times

HOLD

24 Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
Caséta Wireless
Multi-Location Installation - Caséta Wireless In-Wall Switch with Pico Remote Controls (PD-5WS-DV)

Schematic Diagram

Location 1
- Caséta Wireless Switch*
- Blue
- Black
- Ground (Green)

Location 2
- Pico Remote Control
- Traveler

Location 3
- Pico Remote Control
- Traveler

Load
- Tagged Wires

Neutral
- Tagged Wire

* It is recommended to install switch in either Location 1 or 3.
Caséta Wireless
Multi-Location Installation - Caséta Wireless In-Wall Neutral Switch with Pico Remote Controls (PD-5ANS/PD-6ANS)

1 Identify existing wiring

Three or more switches control the lights (multi-location installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your switch
- If two switches control the lights (3-way installation)
  See page 14 or page 32 for details

2 What you need for a multi-location installation

In-wall switch
PD-5ANS/PD-6ANS

Two Pico remote controls
PJ2-2B

Two Wallplate Brackets
PICO-WBX-ADAPT

Three Claro Wallplates
CW-1

3 Choose a location for your Caséta Wireless switch

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your Caséta Wireless switch (Locations 1 or 3). In this example, we will use Location 1.

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall at Location 1

Location 1
6 Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

Neutral connection required

7 Remove side sections (if necessary)

When installing more than one Caséta Wireless switch in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

Each switch has inside side sections removed. Switch in the middle has all side sections removed.

Important note:
Removing side sections reduces the switch’s maximum wattage rating. See the chart below for maximum wattage information.

8 Connect the new Caséta Wireless neutral switch

Neutral connection required

9 Mount the Caséta Wireless neutral switch

10 Attach the wallplate

Neutral connection required

Wallplate Adapter

`snap`

PD-5ANS/PD-6ANS (120 V~)¹

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>Halogen/Incandescent</td>
<td>720 W</td>
<td>720 W</td>
<td>600 W</td>
</tr>
<tr>
<td>Electronic Low-Voltage</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Magnetic Low-Voltage²</td>
<td>720 VA</td>
<td>720 VA</td>
<td>600 VA</td>
</tr>
<tr>
<td>Fluorescent³</td>
<td>6 A</td>
<td>6 A</td>
<td>5 A</td>
</tr>
<tr>
<td>General Purpose Fan</td>
<td>3.6 A</td>
<td>3.6 A</td>
<td>3.6 A</td>
</tr>
</tbody>
</table>

¹ Neutral required.
² The maximum lamp wattage is determined by the efficiency of the transformer, with 70% – 85% as typical. For actual transformer efficiency, contact either the fixture or transformer manufacturer. The total VA rating of the transformer(s) shall not exceed the VA rating of the in-wall switch.
³ The in-wall switch is UL Listed for use with all magnetic and electronic fluorescent ballasts.
11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Remove existing switch from wall at Location 3
Wireless Wireless

Multi-Location Installation - Caséta Wireless In-Wall Neutral Switch with Pico Remote Controls (PD-5ANS/PD-6ANS)

17 Tag and disconnect wires from the existing switch

Location 3

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper)

Different Color Screw

18 Connect the wires

Location 3

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

Location 3

17 Tag and disconnect wires from the existing switch

Location 3

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper)

18 Connect the wires

Location 3

Tagged Wire

Ground (Green/Bare Copper)

19 Attach the wallplate bracket and Pico remote control

Location 3

21 Turn power on at circuit breaker

Pairing the switch and Pico remote controls

22 Press and hold "Off" button on switch

Location 1

Status LED flashes

23 Press and hold "Off" button on remote control

Location 2

3x Lights flash three times

24 Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.

Tag and disconnect wires from the existing switch

Location 3

Place tag - to identify wire on different color screw

Ground (Green/Bare Copper)

Connect the wires

Location 3

Tagged Wire

Ground (Green/Bare Copper)

Attach the wallplate bracket and Pico remote control

Location 3

Attach the wallplate

Location 3

Wallplate Adapter

Wallplate

Turn power on at circuit breaker

Press and hold "Off" button on switch

Press and hold "Off" button on remote control

Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
It is recommended to install switch in either Location 1 or 3.

Note: The red wire must be connected to the load and the black wire must be connected to Line/Hot. The product will not work if the wires are reversed.
Caséta Wireless
Multi-Location Installation - Caséta Wireless In-Wall ELV+ Dimmer with Pico Remote Controls (PD-5NE)

1 Identify existing wiring

Three or more switches control the lights (multi-location installation)

Important note:
- If one switch controls the lights (single-pole installation)
  See quick-start guide that came with your dimmer
- If two switches control the lights (3-way installation)
  See page 18 for details

2 What you need for a multi-location installation

- ELV+ dimmer PD-5NE
- Claro Wallplate CW-1
- Two Pico remote controls with wall-mounting kits PJ2-WALL

3 Choose a location for your Caséta Wireless dimmer

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the lights, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the lights, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your dimmer (Locations 1 or 3). In this example, we will use Location 1.

3-Way Switch Locations 1 and 3
4-Way Switch Location 2

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall at Location 1

Location 1
6 Tag and disconnect wires from the existing switch

- Location 1
  - Place tag - to identify wire on different color screw

7 Remove side sections (if necessary)

When installing more than one Caséta Wireless dimmer in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image and chart below for more information.

- Do not remove outside side sections on dimmers at the end of gang.

8 Connect the new Caséta Wireless dimmer

- Location 1
  - Tagged wire

9 Mount the Caséta Wireless dimmer

- Location 1

10 Attach the wallplate

- Location 1

Important note:
Removing side sections reduces the dimmer's maximum wattage rating. See the chart below for maximum wattage information.

<table>
<thead>
<tr>
<th>PD-5NE (120 V~)</th>
<th>Incandescent/Halogen Total Wattage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
</tr>
<tr>
<td>LED</td>
<td>250 W</td>
</tr>
<tr>
<td>Halogen/Halogen</td>
<td>500 W</td>
</tr>
<tr>
<td>Electronics Low-Voltage</td>
<td>500 W</td>
</tr>
<tr>
<td>Magnetic Low Voltage</td>
<td>400 VA</td>
</tr>
</tbody>
</table>

"snap"
11 Remove existing switch from wall at Location 2

12 Tag and disconnect wires from the existing switch

13 Connect the wires

14 Attach the wallplate bracket and Pico remote control

15 Attach the wallplate

16 Remove existing switch from wall at Location 3
17. Tag and disconnect wires from the existing switch

Place tag - to identify wire on different color screw

18. Connect the wires

19. Attach the wallplate bracket and Pico remote control

20. Attach the wallplate

21. Turn power on at circuit breaker

22. Press and hold "Off" button on dimmer

Status LEDs flash

23. Press and hold "Off" button on remote control

Lights flash three times

24. Repeat for remote control at Location 3

Repeat steps 22 and 23 to pair remote control at Location 3.
1 Identify existing wiring

Two Pico Wallbox Adapters
PICO-WBX-ADAPT

Three Claro Wallplates
CW-1

Two Pico Remote Controls for Fans
PJ2-3BRL-XXX-F01

Three or more switches control the fan
(multi-location installation)

Important note:
- If one switch controls the fan (single-pole installation)
  See quick-start guide that came with your fan control
- If two switches control the fan (3-way installation)
  See page 22 for details

2 What you need for a multi-location installation

3 Choose a location for your Caséta Wireless fan control

NOTE: There will be two different types of existing switches in this application. Locations 1 and 3 will use 3-way switches (three screws which control the fan, plus one ground screw) and Location 2 will use a 4-way switch (four screws which control the fan, plus one ground screw). For easiest installation, we recommend replacing one of the 3-way switches with your fan control (Locations 1 or 3). In this example, we will use Location 1.

3-Way Switch
Locations 1 and 3

4-Way Switch
Location 2

4 Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

5 Remove existing switch from wall at Location 1

Location 1
**Wireless Multi-Location Installation - Caséta Wireless In-Wall Fan Control with Pico Remote Controls (PD-FSQN)**

6. **Tag and disconnect wires from the existing switch**

   **Location 1**

   Place tag - to identify wire on different color screw

   Ground (Green/Bare Copper) Different Color Screw Neutral Required

7. **Remove side sections (if necessary)**

   When installing more than one Caséta Wireless control in the same wallbox, it is necessary to remove inner side sections prior to wiring. See image below for more information.

   Do not remove outside side sections on the controls at the end of gang.

   Each control has inside side sections removed. The control in the middle has all side sections removed.

8. **Connect the new Caséta Wireless fan control**

   **Location 1**

   Tagged wire

   Yellow Red Black White (Neutral Required) Ground (Green/Bare Copper)

9. **Mount the Caséta Wireless fan control**

   **Location 1**

10. **Attach the wallplate**

    **Location 1**

    ‘snap’

    Wallplate Adapter Wallplate
**11** Remove existing switch from wall at Location 2

**12** Tag and disconnect wires from the existing switch

**13** Connect the wires

**14** Attach the wallplate bracket and Pico remote control

**15** Attach the wallplate

**16** Remove existing switch from wall at Location 3
**Multi-Location Installation - Caséta Wireless In-Wall Fan Control with Pico Remote Controls (PD-FSQN)**

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
</table>
| 17   | Tag and disconnect wires from the existing switch. **Location 3**<br>Place tag - to identify wire on different color screw.  
![Diagram showing wire connections](image1)
| 18   | Connect the wires. **Location 3**
![Diagram showing wired connection](image2)
| 19   | Attach the wallplate bracket and Pico remote control. **Location 3**
![Diagram showing wallplate attachment](image3)
| 20   | Attach the wallplate. **Location 3**
![Diagram showing wallplate installation](image4)
| 21   | Turn power on at circuit breaker.
![Diagram showing power switch](image5)
| 22   | Press and hold "Off" button on the fan control. **Location 1**
![Diagram showing off button press](image6)
| 23   | Press and hold "Off" button on remote control. **Location 2**
![Diagram showing off button press](image7)
| 24   | Repeat for remote control at Location 3.  
Repeat steps 22 and 23 to pair remote control at Location 3.**
Schematic Diagram

Location 1

Location 2

Location 3

Tagged Wire

* Neutral Required

Line/Hot

Neutral

Tagged Wires

Fan

PD-FSQN

Pico Remote Control

Pico Remote Control

Pico Remote Control

Ground

White

Black

Yellow

Traveler

Traveler

Traveler

PD-FSQN

Load

LUTRON

64
Adjusting Low-End Trim -
To optimize performance of dimmable LED lamps

1 Enter

A status LED starts flashing

2 Adjust

a. Light stops dimming or turns off

b. A status LED starts flashing

2 Adjust (continued)

b. Light stops flickering and is stable

3 Save

UNTIL

a. Tap “Off” one time. Light will turn off.
b. Tap “Brighter” one time. Light will turn on.
c. If light is still off or is flickering, repeat steps 1-4.

4 Verify
Adjusting High-End Trim on a Caséta Wireless In-Wall Dimmer (PD-6WCL)

1 Enter

- Press and hold the dimmer switch for 6 seconds.
- A status LED starts flashing.

2 Adjust (continued)

b.

- Tap the dimmer switch.
- Desired light level is achieved.

3 Save

- Press and hold the dimmer switch until the status LED stops flashing.
- Light is at full brightness.

---

In-wall dimmer
Adjusting Low-End Trim -
To optimize performance of dimmable LED lamps

1 Enter

- Hold for 6 seconds

2 Adjust

- A status LED starts flashing
- Light stops dimming or turns off

3 Save

- Status LED stops flashing

4 Verify

- Tap "Off" one time. Light will turn off.
- Tap "Brighter" one time. Light will turn on.
- If light is still off or is flickering, repeat steps 1-4.
Caséta Wireless
Adjusting High-End Trim on a Caséta Wireless In-Wall PRO Dimmer (PD-10NXD)

Adjusting High-End Trim -
To optimize performance of dimmable LED lamps

1 Enter

HOLD

UNTIL

A status LED starts flashing

2 Adjust

a.

HOLD

UNTIL

Light is at full brightness

b.

TAP

UNTIL

Desired light level is achieved

3 Save

HOLD

UNTIL

Status LED stops flashing
Adjusting Low-End Trim -
To optimize performance of dimmable LED lamps

1 Enter

Hold (On and Darker)

UNTIL

A status LED starts flashing

2 Adjust

a. Light stops dimming or turns off

b. Light stops flickering and is stable

3 Save

UNTIL

Status LED stops flashing

4 Verify

a. Tap “Off” one time. Light will turn off.

b. Tap “Brighter” one time. Light will turn on.

c. If light is still off or is flickering, repeat steps 1-4.
Adjusting High-End Trim -
To optimize performance of dimmable LED lamps

1 Enter

- **Hold (on and brighter)**

2 Adjust

- **A status LED starts flashing**

3 Save

- **Status LED stops flashing**

---

**2 Adjust (continued)**

b. **Desired light level is achieved**

---

**Light is at desired high-end**

---

**On**

**Brighter**

**Favorite**

**Darker**

**Off**
Caseta Wireless
Adjusting Low-End Trim on a Caseta Wireless Plug-In Lamp Dimmer (PD-3PCL)

1 Enter

- **Enter**
- **Press and hold** for 6 seconds
- **The Status LED starts flashing**
- **UNTIL**
- **Light stops dimming or turns off**

2 Adjust (continued)

- **Adjust**
- **Until**
- **Light stops flickering and is stable**
- **THE STATUS LED STOPS FLASHING**

3 Save

- **Save**
- **UNTIL**
- **The status LED stops flashing**

4 Verify

- **Verify**
- **a.** Tap "Off" one time. Light will turn off.
- **b.** Tap "Brighter" one time. Light will turn on.
- **c.** If light is still off or is flickering, repeat steps 1-4.
**Adjusting High-End Trim -**
To optimize performance of dimmable LED lamps

1 **Enter**

2 **Adjust (continued)**

   a. **Adjust**

   b. **The status LED** starts flashing

   The status LED stops flashing

3 **Save**

   The status LED stops flashing

   Desired light level is achieved
1 Press and Hold "On" and "Off" buttons

- Press and Hold "On" and "Off" buttons for 6 seconds.

- The indicator light flashes.

2 Verify

- a. Tap "Off" one time. Light will turn off.
- b. Tap "On" one time. Light will turn on.
  - The "Brighter" and "Darker" buttons will be disabled and do nothing.

3 To change back to dimmer mode repeat step 1

- NOTE: Only use lighting loads on your plug-in lamp dimmer, even when operating in switch mode.
Setting Dimmer Phase on a Caseta Wireless In-Wall ELV+ Dimmer (PD-5NE)

### Adjusting for Load Types - Configurable between ELV and MLV load types

1. **Pull out the FASS Switch and then push back in**

2. **Enter**

3. **Adjust**
   - NOTE: Top LED Blinking - Forward Phase (MLV)
     - Bottom LED Blinking - Reverse Phase (ELV)

4. **Save**
   - Status LED stops flashing
   - A status LED starts flashing

**NOTE:** Changes will not be saved if dimmer times out (no button press for 1 minute) or if power is turned off.
1 Tap the "On" button quickly three times, holding on the last press

2 Continue to hold the "On" button until the light begins to flash quickly

3 Release the button, then immediately tap the button three more times

4 All paired Pico remote controls are removed and all settings are returned to factory default

- After the dimmer resets, the light will turn on to the full on state.

**NOTE:** This procedure also resets the high-end and low-end trim settings.
**1.** Tap the "On" button quickly three times, holding on the last press.

**2.** Continue to hold the "On" button until the Status LED begins to flash slowly.

**3.** Release the button, then immediately tap the button three more times.

**4.** All paired Pico remote controls are removed and all settings are returned to factory default.

- After the switch resets, the light will turn on to the full on state.
**Caséta Wireless**

Removing Paired Pico Remote Controls from a Caséta Wireless Fan Control (PD-FSQN)

1. Tap the "On" button quickly three times, holding on the last press

2. Continue to hold the "On" button until the Status LED begins to flash slowly

3. Release the button, then immediately tap the button three more times

4. All paired Pico remote controls are removed and all settings are returned to factory defaults

- After the switch resets, the fan will turn on to high.
Removing Paired Pico Remote Controls from a Lutron Honeycomb Shade

NOTE: This procedure will remove all paired Pico remote controls and favorite button programming. Upper and lower limits are retained.

1 Tap the "Shade" button quickly three times, holding on the last press.

2 Continue to hold the "Shade" button until the button LED flashes green.

3 Release the "Shade" button, then immediately tap the button three more times.

NOTE: The "Shade" button LED will flash GREEN-then-RED three times, signaling the successful completion of the procedure.
Removing Paired Pico Remote Controls from a Lutron Roller Shade

**Roller Shades with a Single-Button (Battery-Powered and Plug-In)**

**NOTE:** This procedure will remove all paired Pico remote controls and favorite button programming. Upper and lower limits are retained.

1. **Tap the "Shade" button quickly three times, holding on the last press.**

![3x Tap](image1)

2. **Continue to hold the "Shade" button until the button LED flashes green.**

![HOLD](image2)

3. **Release the "Shade" button, then immediately tap the button three more times.**

![3x Tap](image3)

**NOTE:** The "Shade" button LED will flash GREEN-then-RED three times, signaling the successful completion of the procedure.
You can use the round “Favorite” button on a Pico remote control to recall a favorite light level. We’ve set it to 50%, but you can change it to any level you like.

1 Set desired light level on a dimmer that has already been paired with a remote control

2 Save favorite light level

3 Verify

**a.** Tap “Off” button one time on remote control. Light will turn off.

**b.** Tap “Favorite” button one time on remote control. Light will turn on to the newly saved level.
You can use the round "Favorite" button on the dimmer to recall a favorite light level. We've set it to 50%, but you can change it to any level you like.

1 Set the desired light level on the dimmer

Use the "Brighter" or "Darker" buttons to adjust lights to your favorite level.

2 Save favorite light level

Hold the round "Favorite" button.

3 Verify

a. Tap "Off" button one time on dimmer control. Light will turn off.

b. Tap "Favorite" button one time on dimmer control. Light will turn on to the newly saved level.
You can use the round “Favorite” button on the fan control to recall a favorite fan speed setting. We’ve set it to the medium fan speed, but you can change it to any level you like.

1 Set the desired fan speed on the fan control

Use the “Faster” or “Slower” buttons to adjust lights to your favorite level.

2 Save favorite fan speed

Hold the round “Favorite” button.

3 Verify

a. Tap “Off” button one time on fan control. Fan will turn off.

b. Tap “Favorite” button one time on fan control. Fan will turn on to the newly saved setting.
Wireless Load Control (LUT-MLC) Load Adapter with Caséta Wireless In-Wall Switch (PD-5WS-DV)

1. Identify load type

The LUT-MLC load adapter is provided to help ensure proper operation of the switch with LED, fluorescent, and ELV lighting loads. When controlling one of these load types, a LUT-MLC may be required, especially at lower wattages. If the status LED on the switch is flashing or a solid red color, a LUT-MLC must be installed. It is recommended to install a LUT-MLC with these load types regardless of wattage to guarantee best performance.

2. Turn power off at circuit breaker

WARNING! Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit.

3. Choose installation location

The LUT-MLC must be connected to the neutral and switched hot feed to the load. Install the LUT-MLC inside a load fixture or in a separate junction box within the circuit.

4. Installing the LUT-MLC in a load fixture or junction box

1. Connect one lead of the LUT-MLC to the neutral (white) wire.
2. Connect the other lead of the LUT-MLC to the switched hot (black) wire.

5. Turn power on at circuit breaker

6. Verify performance

Verify that the LED on the switch is not flashing or solid red color and that the load stays off when the switch is turned off. In rare instances, some loads may still flicker or glow in the off state with the LUT-MLC installed. If this occurs, a different load may be required or additional LUT-MLC load adapters may need to be installed.
## Symptoms and Probable Causes

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Probable cause and action</th>
</tr>
</thead>
</table>
| Light does not turn on or LEDs on the devices do not illuminate. | • Light bulb(s) burned out.  
• Breaker is OFF or tripped.  
• Light not properly installed.  
• Wiring error.  
**In-wall dimmer or switch:**  
• FASS on the dimmer or switch is in the off position.  
**Plug-in lamp dimmer:**  
• Outlet is switched off.  
• Lamp is turned off.  
• Lamp is not plugged in. |
| Light does not respond to Pico remote control. | • The dimmer or switch failed to pair with Pico remote control.  
• The dimmer or switch is already at the light level the Pico remote control is sending.  
• The Pico remote control is outside the 30 ft (9 m) operating range.  
• The Pico remote control battery is low.  
• The Pico remote control battery is installed incorrectly. |
| Bulbs turn off while being dimmed.  
Bulbs turn on at high light level but do not turn on at a low light level.  
Bulbs flicker or flash when dimmed to a low light level. | **In-wall or plug-in lamp dimmer only:**  
Verify bulbs are marked dimmable and visit www.casetawireless.com/lowend for information on adjusting the dimmer for best bulb performance.  
**In-wall switch only:**  
Proper bulb operation requires LUT-MLC installation. See Page 59.  
**Top and middle LEDs are blinking rapidly.**  
**Top and second from bottom LEDs are blinking rapidly.**  
**Top three LEDs flashing**  
**Middle three LEDs flashing**  
**Bottom three LEDs flashing**  
Product detected an MLV fault (PRO Dimmer only)  
• Connect Neutral to the dimmer (required for MLV load)  
No Load (PRO Dimmer only)  
• Apply or replace the load  
Over voltage detected, verify unit does not have MLV load and is in reverse phase  
Over temperature event, verify unit is not overloaded  
Over current detected, verify unit does not have ELV load while in forward phase |
| LED on in-wall switch is flashing or solid red color.  
Light stays on when the in-wall switch is turned off. | Go to www.casetawireless.com/support for additional troubleshooting suggestions. |

---

The text appears to be a troubleshooting guide for Caseta Wireless Dimmer and Switch devices. It lists various symptoms that users might encounter and provides probable causes and actions to resolve them. The guide is structured in a table format, making it easy to understand and follow. The guide also includes additional resources for troubleshooting, such as the Caseta Wireless website.
### Symptoms

<table>
<thead>
<tr>
<th>Fan does not turn ON and no indicator lights turn ON.</th>
<th>Probable cause and action</th>
</tr>
</thead>
</table>
| • Front Accessible Service Switch (FASS) is pulled out to the OFF position. Push FASS in fully to the ON position.  
• Fan pull chain is in the OFF position. Set pull chain speed to high.  
• Neutral wire is not connected. Check wiring.  
• Breaker is OFF or tripped (or fuse blown). Reset breaker or replace fuse. If condition persists, contact Lutron Customer Assistance or a licensed electrician.  
• Load and Line wires may be reversed. Check wiring. |

<table>
<thead>
<tr>
<th>Fan does not turn ON and indicator lights are ON.</th>
<th>Probable cause and action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan direction switch is between forward and reverse. Set switch to desired position.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fan vibrates or wobbles.</th>
<th>Probable cause and action</th>
</tr>
</thead>
</table>
| • Fan direction switch is between forward and reverse. Set switch to desired position.  
• Fan blades must be balanced. See fan manufacturers installation guide to balance fan. |

<table>
<thead>
<tr>
<th>Fan speed is too slow.</th>
<th>Probable cause and action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set fan pull chain speed to high.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fan does not respond to Pico remote control.</th>
<th>Probable cause and action</th>
</tr>
</thead>
</table>
| • The fan control failed to pair with Pico remote control.  
• The fan control is already at the fan speed level that the Pico remote control is sending.  
• The Pico remote control is outside the 30 ft (9 m) operating range.  
• The Pico remote control battery is low.  
• The Pico remote control battery is installed incorrectly. |

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Go to [www.casetawireless.com/support](http://www.casetawireless.com/support) for additional troubleshooting suggestions.

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