



Wemo F7C059 WiFi Smart Dimmer User Guide

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Wemo F7C059 WiFi Smart Dimmer



Wemo Smart Dimmer

Setup Guide

Important to know

- **WARNING! Risk of electric shock:** Incorrect installation could be dangerous or illegal. Multiple breakers/fuses may need to be turned off for safe installation. Please call a professional electrician if you are unfamiliar or uncomfortable with electrical work.
- Wemo Smart Dimmer can only replace single-pole switches.
- If your light can be turned on from two different wall switches, that's a 3-way switch and Wemo Smart Dimmer is not compatible.
- Neutral wires are required for setup. These wires are typically white and can be found in your electrical box.

What you'll need:

- Cover Plate
- Dimmer and Screws (use the provided screws and don't over-tighten)
- 4 Wire Nuts

Recommended tools:

- Compatible light bulbs: All incandescent light bulbs are dimmable, but not all LEDs and CFLs are. Go to wemo.com/bulbs for more information.
- **Maximum total wattage:**
 - Incandescent LED and CFL: 400 Watts
 - 250 Watts for multi-gang
 - 150 Watts (Actual Wattage rating, not equivalent)
- Install where your Wi-Fi signal is strong
- Use your mobile device to test the signal
- Keep your mobile device close to the Dimmer until you finish the setup

Installing your Dimmer:

Installation video: Scan this QR code to watch a video walking through the Dimmer installation.

1. Turn the power off: Shut off power to the switch you're replacing at your fuse panel or circuit breaker.
 - **WARNING! Risk of electric shock:** Incorrect installation could be dangerous or illegal. Multiple breakers/fuses may need to be turned off for safe installation. Please call a professional electrician if you are unfamiliar or uncomfortable with electrical work.
 - Confirm that the power is off
 - Remove the faceplate from the existing switch. Use a voltage tester to test BOTH sides of the switch. You may need to turn off more than one circuit breaker/fuse.
2. **Identify the NEUTRAL wires:**
 - Pull out the existing switch
 - Unscrew the switch and gently pull it out of the wall. Do not remove any of the wires yet.
 - Find the NEUTRAL wires: Look for NEUTRAL wires (usually white) in the wall. You need these to set up the Dimmer.
 - **NOTE:** You may have a different number of neutral wires than shown.
 - **Test the NEUTRAL wires:** Use a voltage tester to check that there is no power in the NEUTRAL wires from neighboring circuits.
 - If necessary, shut off additional circuits until no voltage is found.
 - Detach the NEUTRAL wires: Unscrew the wire nut connecting the NEUTRAL wires.
3. **Identify and label LINE and LOAD wires:**
 - Peel off and apply the LINE and LOAD wire labels below. If you're unsure which wire is which, we'll help you in the next step.
 - **NOTE:** Your existing wires may be in different locations than shown.
 - LOAD
 - LINE
4. **Identify the GROUND wires:**
 - Look for the GROUND wires (usually green or solid copper) and unscrew the wire nut connecting them.
 - **NOTE:** You may have a different number of ground wires than shown.
5. **Help with distinguishing LINE wire from LOAD wire:**
 - Remove existing switch
 - Detach the remaining wires and remove the existing switch.

Once you have followed the above steps, you can proceed with installing your Wemo Smart Dimmer. For more information, refer to the product user manual.

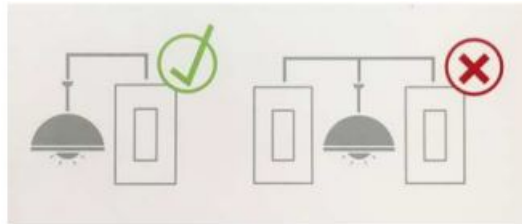
Important to know

WARNING! Risk of electric shock

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Wemo Smart Dimmer can only replace single-pole switches.

If your light can be turned on from two different wall switches, that's a 3-way switch and Wemo Smart Dimmer is not compatible.



Neutral wires are required for setup.

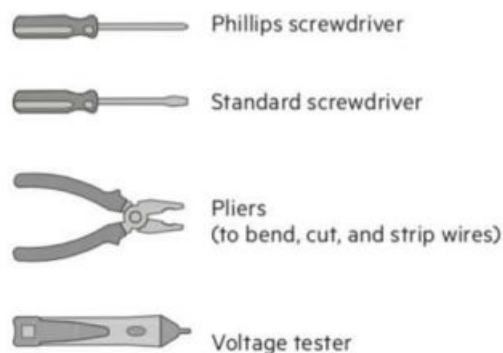
These wires are typically white and can be found in your electrical box.

What you'll need

What's included



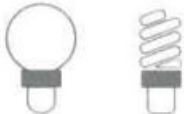
Recommended tools



Compatible light bulbs

All incandescent light bulbs are dimmable, but not all LEDs and CFLs are. Go to wemo.com/bulbs for more information.

Maximum total wattage

 Incandescent	400 Watts 250 Watts for multi-gang
 LED and CFL	150 Watts (Actual Wattage rating, not “equivalent”)

Install where your Wi-Fi signal is strong

- Use your mobile device to test the signal
- Keep your mobile device close to the Dimmer until you finish setup

Installing your Dimmer

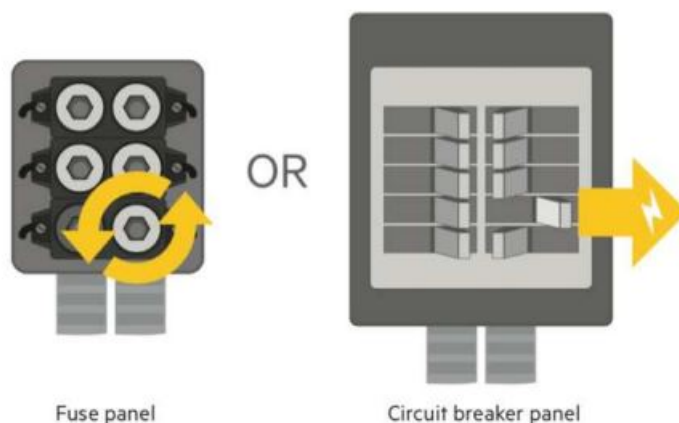
Installation video

Scan this QR code to watch a video walking through Dimmer installation.



Turn power off

Shut off power to the switch you're replacing at your fuse panel or circuit breaker.

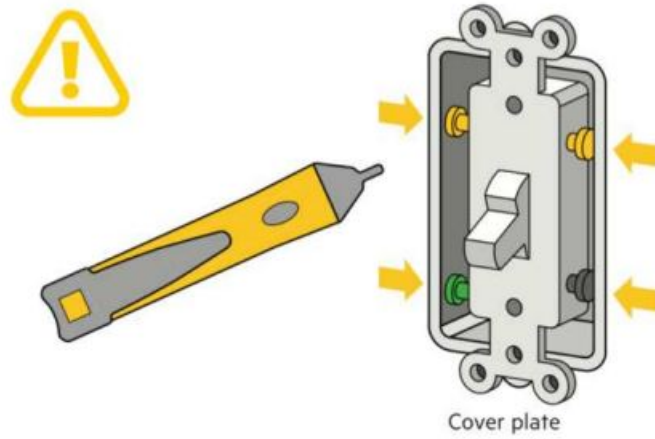


WARNING! Risk of electric shock

Incorrect installation could be dangerous or illegal. Multiple breakers/fuses may need to be turned off for safe installation. Please call a professional electrician if you are unfamiliar or uncomfortable with electrical work.

Confirm that power is off

Remove the faceplate from the existing switch. Use a voltage tester to test BOTH sides of the switch. You may need to turn off more than one circuit breaker/fuse.

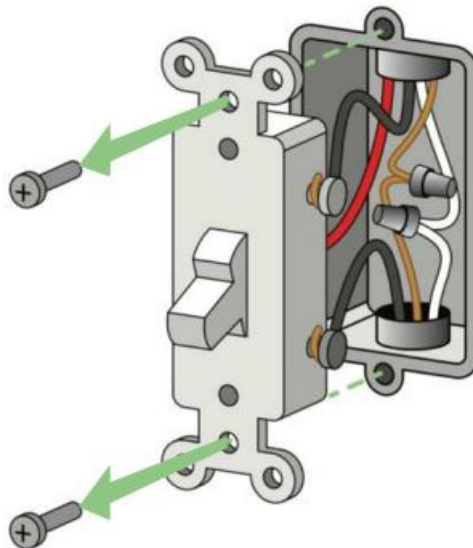


Identify the NEUTRAL wires

Pull out the existing switch

Unscrew the switch and gently pull it out of the wall.

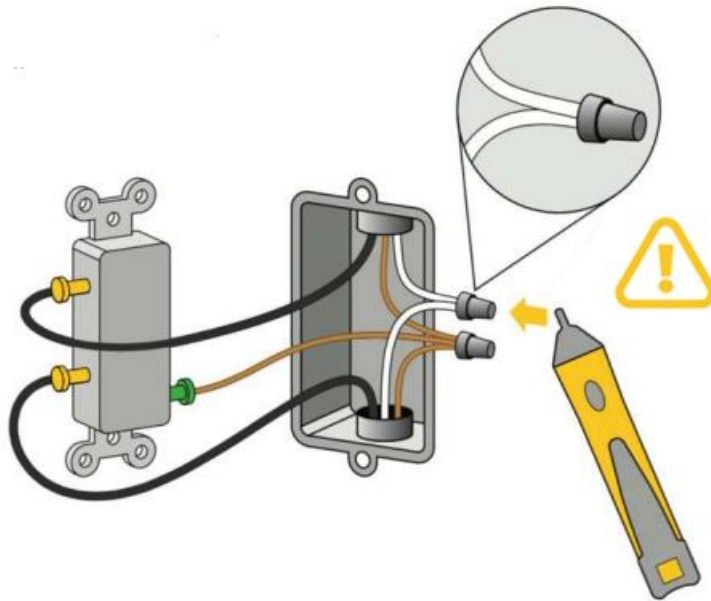
Do not remove any of the wires yet.



Find the NEUTRAL wires

Look for NEUTRAL wires (usually white) in the wall. You need these to set up the Dimmer.

NOTE: You may have a different number of neutral wires than shown.

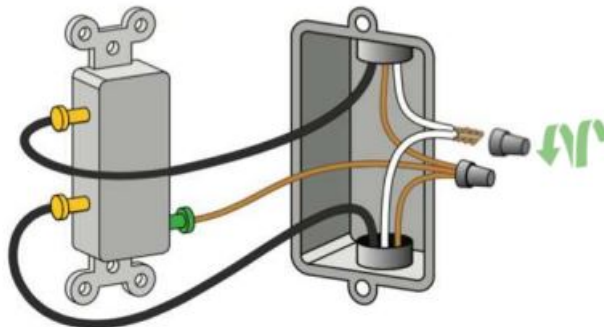


Test the NEUTRAL wires

Use a voltage tester to check that there is no power in the NEUTRAL wires from neighboring circuits. If necessary, shut off additional circuits until no voltage is found.

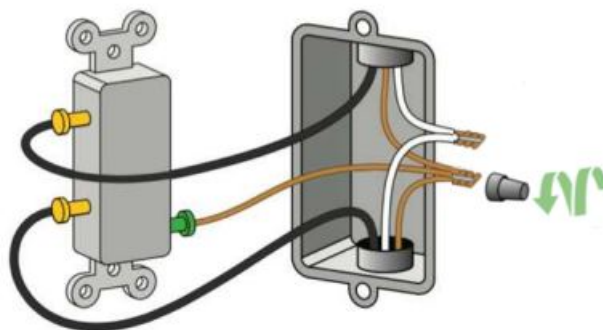
Detach the NEUTRAL wires

Unscrew the wire nut connecting the NEUTRAL wires.



Identify the GROUND wires

Look for the GROUND wires (usually green or solid copper) and unscrew the wire nut connecting them.

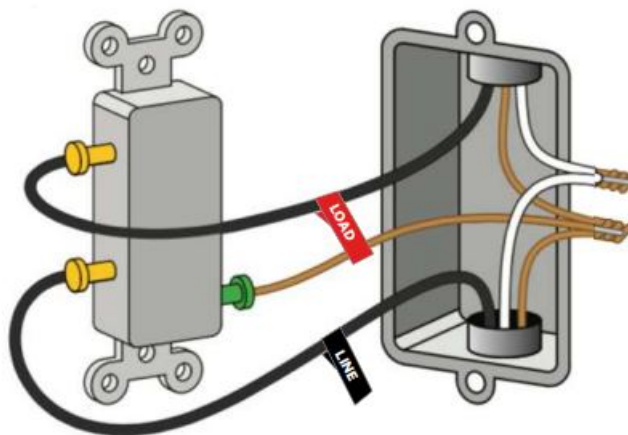


NOTE: You may have a different number of ground wires than shown.

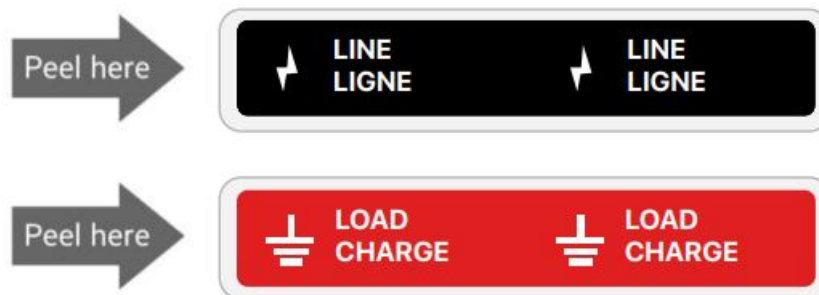
Identify and label LINE and LOAD wires

Peel off and apply the LINE and LOAD wire labels below. If you're unsure which wire is which, we'll help you in the next step.

NOTE: Your existing wires may be in different locations than shown.



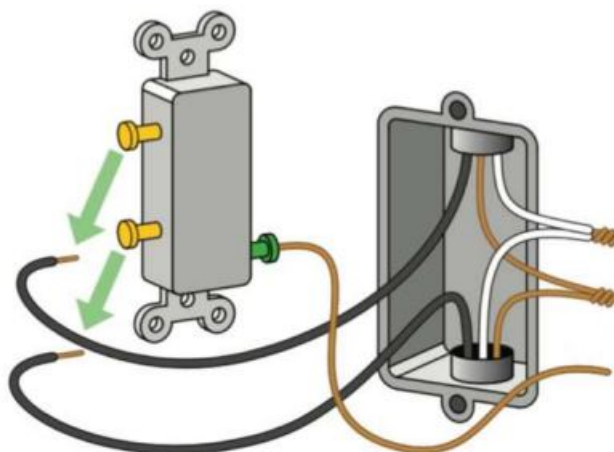
Wire labels



Help with distinguishing LINE wire from LOAD wire

Remove existing switch

Detach the remaining wires and remove the existing switch.

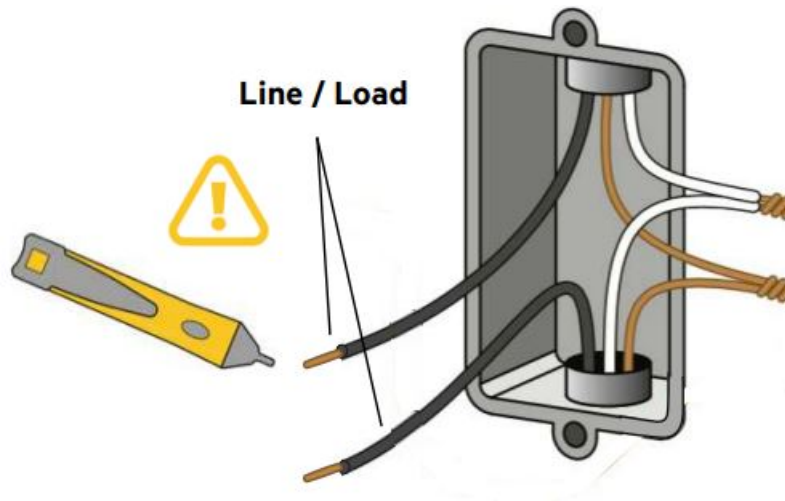


Turn the power back ON

Test to identify the wires

Now use a voltage tester to distinguish the wires:

- **Line (typically black):** This wire will be powered because it carries electricity to the switch.
- **Load (also typically black):** This wire will NOT be powered because it carries electricity from the switch to your lights.



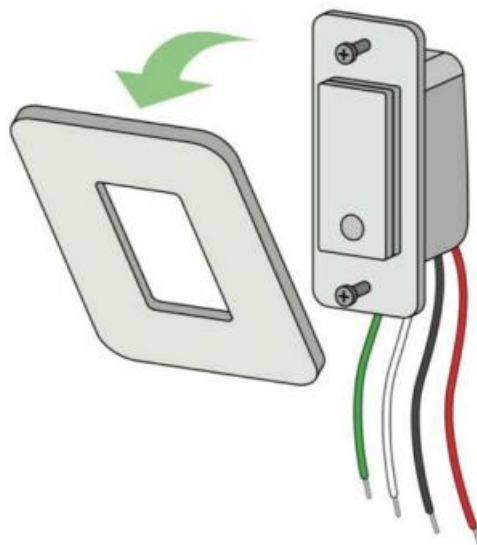
- Turn the power back OFF

Connect Wemo Dimmer wires

Make sure the power is OFF before proceeding.

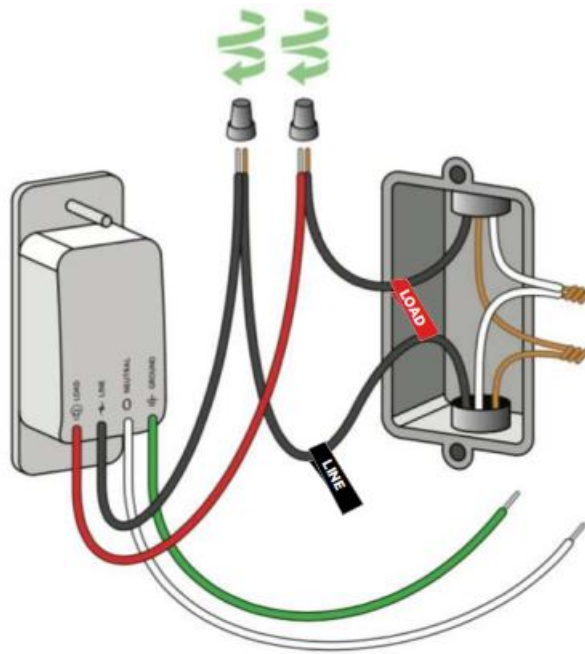
Remove cover plate

After detaching and removing the existing switch, snap the cover plate off of your Wemo Dimmer, and remove the sticker securing the wires.



Connect LINE and LOAD wires

Use a wire nut to connect the red LOAD wire on the Dimmer to the LOAD wire in the wall.
Use a wire nut to connect the black LINE wire on the Dimmer to the LINE wire in the wall.

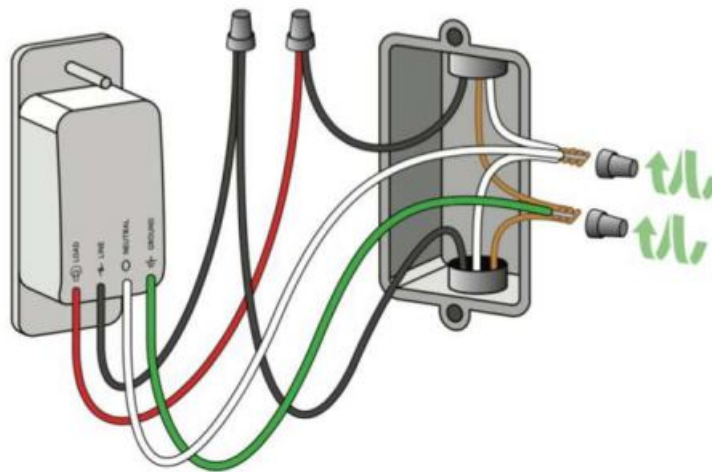


NOTE: Your existing wires may be different colors than those shown.

Connect **NEUTRAL** and **GROUND** wires

Use a wire nut to connect the white **NEUTRAL** wire on the Dimmer to the **NEUTRAL** wires (usually white) in the wall.

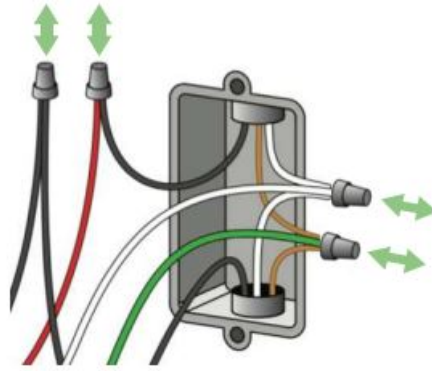
Use a wire nut to connect the green **GROUND** wire on the Dimmer to the **GROUND** wires (usually green or bare copper) in the wall.



NOTE: Your existing wires may be different colors than those shown.

Install Dimmer 6 into the wall

Almost done! Tug on each wire nut to make sure they are secure on the wires.

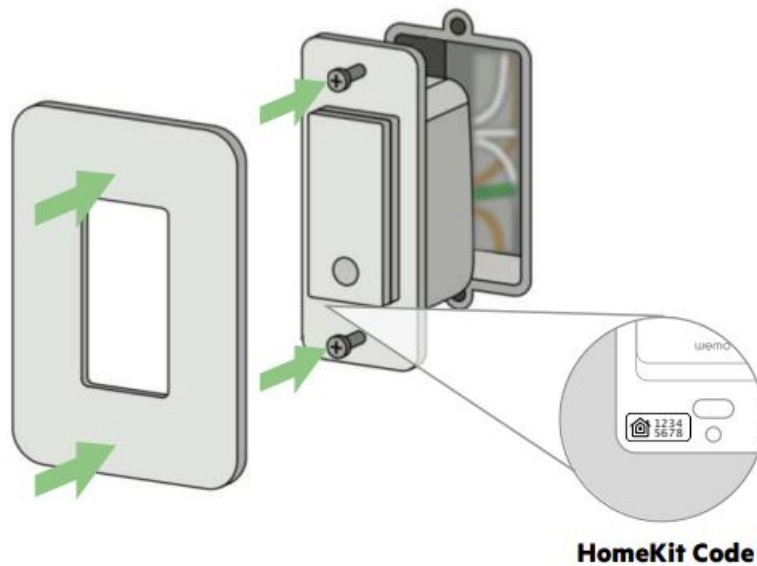


Carefully tuck wires behind the Dimmer and insert the Dimmer into the box. It could get crowded in there.



Screw the Dimmer into the wall. Be careful not to overtighten the screws.

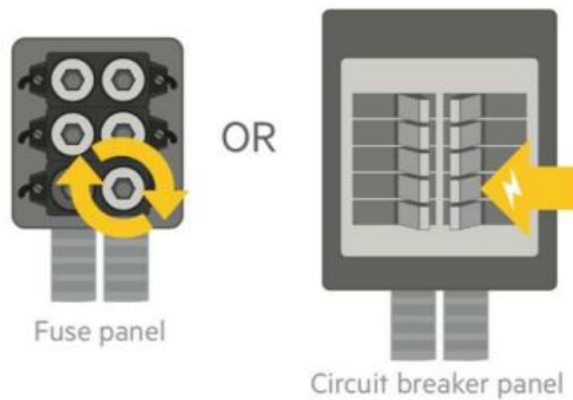
NOTE: Before snapping on the cover plate, you'll notice an 8-digit setup code on the dimmer. You may need this during app setup.



Finally, snap the face plate onto the Dimmer.

Turn on power

Turn on power to your Dimmer at your fuse panel or circuit breaker panel



Physical installation is complete

The light ring on your Dimmer should blink WHITE while starting up and BLUE when ready for app setup.



- BLINKING WHITE

- Starting up



- BLINKING BLUE

- Ready for app setup

- **NOTE:** If your Dimmer did not power up, then your load and line wires may be reversed and you need to switch them.

Go to the app for the next steps

Download and launch the Wemo App



- Create a Wemo account in the app, then add your Dimmer.

Use HomeKit Code if prompted

- If prompted, scan or type your Wemo's code below. The 8-digit number should match the code on your Dimmer (behind the faceplate).



- Hang on to this guide. The code may come in handy if you ever need to set up this Wemo again.

Connecting to other services






- Control your Wemos with voice, create groups, and more. Connect to these services in the Wemo App.



Got questions

- Visit wemo.com/support or call us at 1-844-745-WEMO for support.
- For warranty information, go to wemo.com/warranty.

What does the light tell me


-  • **OFF**
 - Wemo is off.
-  • **SOLID WHITE**
 - Wemo is on and working normally.
-  • **BLINKING WHITE**
 - Wemo is starting up, updating firmware, or responding to your action.
-  • **BLINKING BLUE**
 - Your Wemo is ready for setup.
-  • **GREEN**
 - Wemo is running a rule or timer.
- **RED**
 - Error or low Wi-Fi connection.






WHITE/BLUE/RED: Reset your Dimmer

Press and hold the bar below the power button for reset options. Release the button when the light is white to restart, blue to reset Wi-Fi, and red to restore to factory settings.

Documents / Resources

	Wemo F7C059 WiFi Smart Dimmer [pdf] User Guide F7C059 WiFi Smart Dimmer, F7C059, WiFi Smart Dimmer, Smart Dimmer, Dimmer
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References

-  [Wemo Smart Home | Belkin: US](#)
-  [Wemo Smart Home | Belkin: US](#)
-  [Live Chat, User Guides, FAQs & More | Belkin Support US](#)

