

EVA LOGIK WF30S

EVA LOGIK WF30S Smart Light Switch

On/Off Single Pole & 3-Way Instruction Manual

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1. IMPORTANT SAFETY INFORMATION

Please read all safety precautions and installation instructions carefully before installing or operating this device. Failure to follow these instructions may result in fire, electrical shock, injury, or damage to the product or property.

- **Electrical Safety:** Installation must be performed by a qualified electrician or trained personnel. Always turn off power at the circuit breaker before installation or servicing.
- **Neutral Wire Required:** This smart switch requires a neutral wire (typically white) in the switch box for proper operation. Verify its presence before purchase and installation.
- **Wi-Fi Network:** The switch supports only 2.4GHz Wi-Fi networks. It is not compatible with 5GHz Wi-Fi.
- **Load Compatibility:** Maximum load capacity is 500W for incandescent bulbs, 150W for LED bulbs, and 1000W for resistive loads. Do not exceed these limits.
- **Circuit Types:** Supports single-pole and 3-way circuits. Not compatible with 4-way circuits.
- **3-Way Configuration:** In a 3-way setup, this smart switch must only be connected to a standard (dumb) 3-way switch. It is not compatible with other smart switches, dimmer switches, or add-on switches in a 3-way configuration.
- **Not for Fans:** This switch is not recommended for controlling ceiling fans.
- **Certifications:** This product is ETL and FCC certified for safety and quality.

Tips Before Purchase

- Neutral Wire Required (White Wire)
- Only 2.4GHz Wi-Fi; **Not 5.0GHz**
- Supports Single-Pole and 3-Way Circuits, **Not 4-Way**
- In 3-Way** Circuits, Do Not Use with Other Smart Switches, Dimmers, or Add-ons!
- Not for Ceiling Fans**

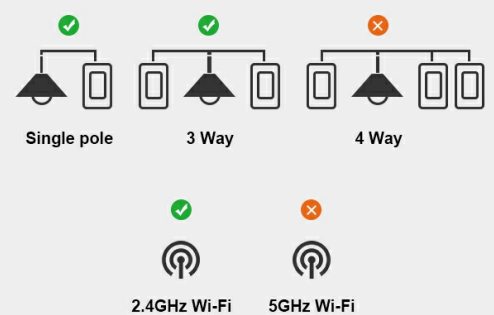


Figure 1: Key compatibility and installation requirements.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Smart Switch x 1
- Wallplate x 1
- Wiring Labels x 1 set
- Screws x 2
- User Manual x 1



Figure 2: Package contents of the WF30S Smart Switch.

3. PRODUCT OVERVIEW

The EVA LOGIK WF30S Smart Light Switch is designed for convenient control of your lighting. It features an on/off function and is compatible with various bulb types. The switch is built with a durable aluminum backplate for enhanced heat resistance and electrical safety.

3.1 Key Features

- On/Off functionality for lights.
- Supports single-pole and 3-way wiring configurations.
- Compatible with LED (up to 150W), CFL (up to 180W), and Incandescent (up to 500W) bulbs.

- Requires a neutral wire for installation.
- Connects to 2.4GHz Wi-Fi networks (not 5GHz).
- Remote control via the Smart Life app.
- Voice control compatible with Amazon Alexa and Google Assistant.
- Scheduling and timer functions available through the app.
- Durable aluminum backplate for heat dissipation and corrosion resistance.

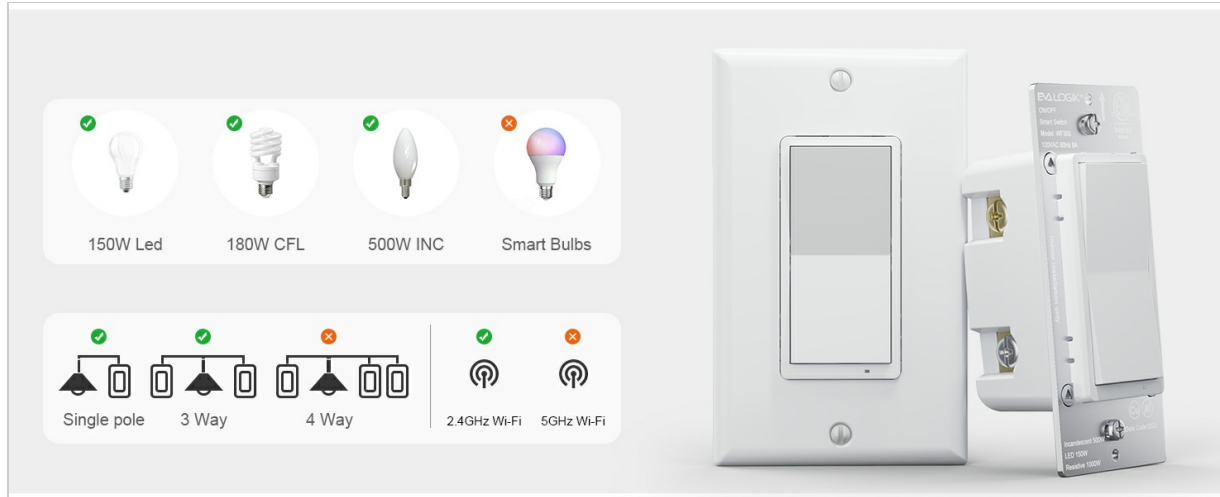


Figure 3: Product dimensions and compatible bulb types.

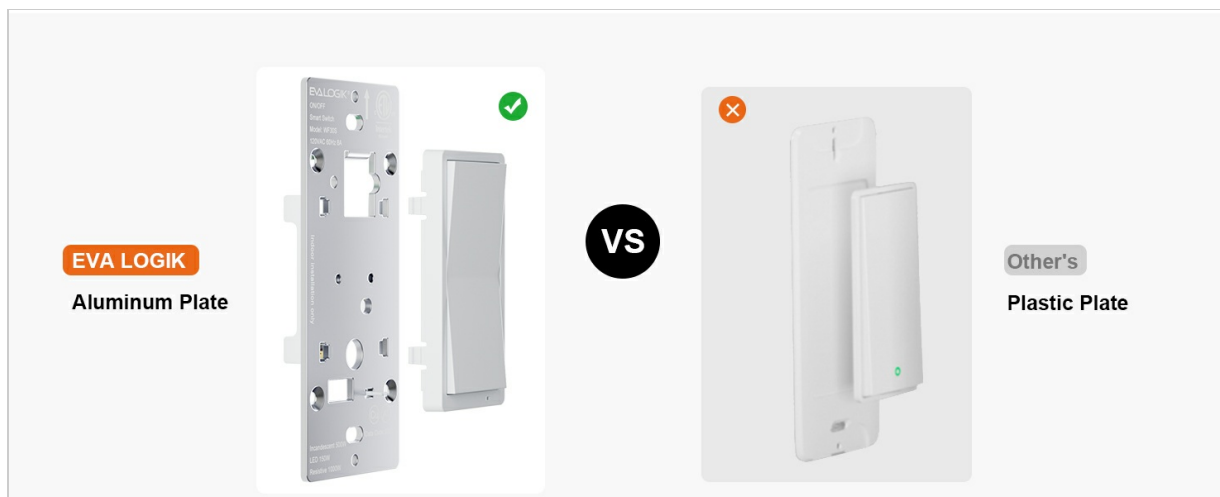


Figure 4: Aluminum plate construction for durability and heat management.

4. INSTALLATION & SETUP

4.1 Pre-Installation Checklist

- Confirm presence of a neutral wire (usually white) in your switch box.
- Ensure your Wi-Fi network is 2.4GHz.
- Verify the load does not exceed 500W Incandescent, 150W LED, or 1000W Resistive.
- Turn off power at the circuit breaker before starting.

4.2 Wiring Instructions

Follow the wiring diagram carefully. Use the provided wiring labels to identify wires if needed.

1. **Turn off Power:** Locate your circuit breaker and turn off the power to the switch you are replacing.
2. **Remove Old Switch:** Unscrew and carefully pull out the old switch from the wall box. Disconnect the

wires, noting their connections.

3. **Identify Wires:** Identify the Line (hot), Load, Neutral, and Ground wires. For 3-way setups, identify the two Traveler wires.
4. **Connect New Switch:** Connect the wires to the corresponding terminals on the EVA LOGIK Smart Switch. This switch uses screw terminals for secure connections.
 - **Ground:** Green wire to Ground terminal.
 - **Neutral:** White wire to Neutral terminal.
 - **Line/Load:** Black wires to Line/Load terminals as indicated.
 - **Traveler (for 3-way):** Red wires to Traveler terminals.
5. **Mount Switch:** Carefully push the wired switch back into the wall box and secure it with screws. Attach the wallplate.
6. **Restore Power:** Turn the power back on at the circuit breaker.

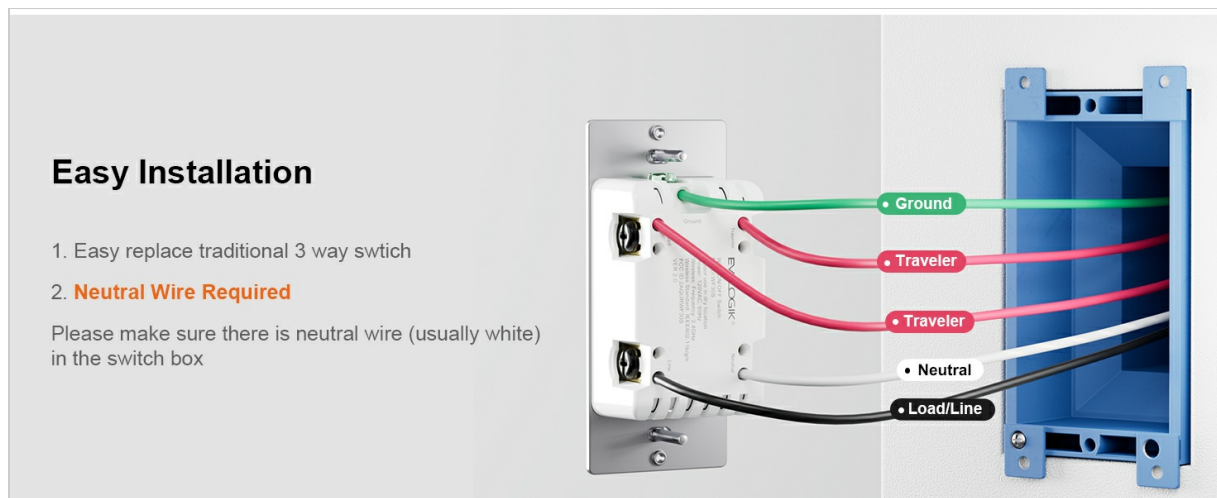


Figure 5: Typical 3-way wiring diagram for the WF30S Smart Switch.

4.3 App and Voice Assistant Setup

To enable smart features, you need to connect the switch to the Smart Life app and then integrate with your preferred voice assistant.

4.3.1 Smart Life App Connection

1. Download the Smart Life app from your smartphone's app store.
2. Register or log in to your Smart Life account.
3. Ensure your phone is connected to a 2.4GHz Wi-Fi network.
4. In the app, tap '+' to add a device. Select 'Electrical Switch' or allow the app to auto-discover the device.
5. Follow the on-screen instructions to put the switch into pairing mode (usually by pressing and holding the switch button until the indicator light blinks).
6. Complete the pairing process in the app.

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Video 1: Instructions on how to add the WF30S switch to the Smart Life application.

4.3.2 Amazon Alexa Integration

1. Open the Amazon Alexa app.
2. Go to 'Skills & Games' and search for 'Smart Life'.

3. Enable the Smart Life skill and link your Smart Life account.
4. Discover devices. Alexa will find your new smart switch.
5. You can now control your switch using voice commands.

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Video 2: Instructions on how to add the WF30S switch to Amazon Alexa.

4.3.3 Google Assistant Integration

1. Open the Google Home app.
2. Tap '+' then 'Set up device' > 'Works with Google'.
3. Search for 'Smart Life' and link your Smart Life account.
4. Assign your smart switch to a room for easier control.

5. OPERATING INSTRUCTIONS

5.1 Manual Control

Press the bottom part of the switch paddle to toggle the connected light on or off. The switch functions as a traditional on/off switch.

5.2 Remote Control via Smart Life App

Once connected to the Smart Life app, you can control your lights from anywhere with an internet connection.

- Open the Smart Life app.
- Select your smart switch from the device list.
- Tap the power icon to turn the light on or off.

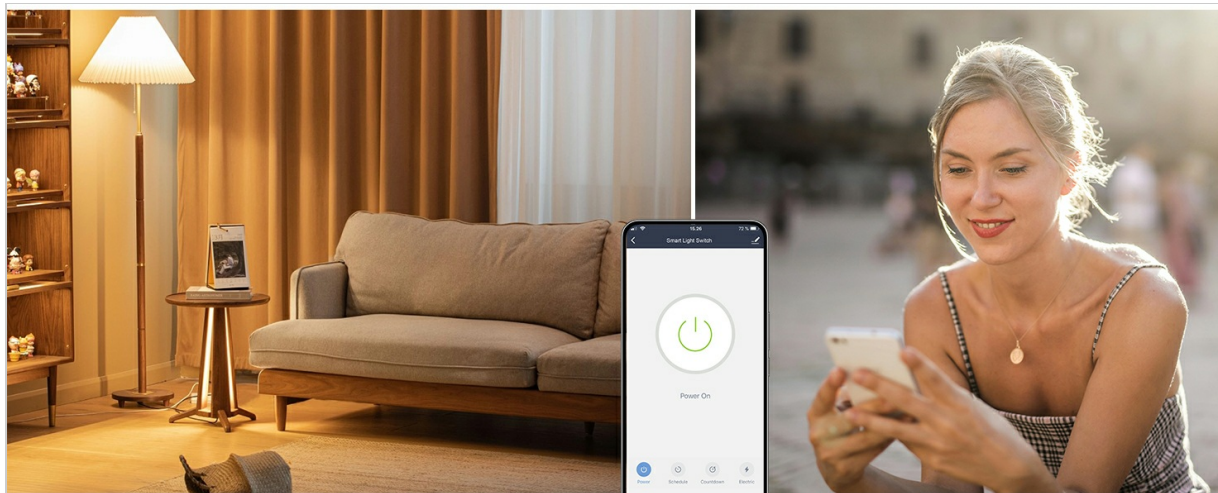


Figure 6: Remote control functionality through the Smart Life app.

5.3 Voice Control

Use voice commands with Amazon Alexa or Google Assistant for hands-free operation.

- **For Alexa:** "Alexa, turn on [Light Name]" or "Alexa, turn off [Light Name]".
- **For Google Assistant:** "Hey Google, turn on [Light Name]" or "Hey Google, turn off [Light Name]".

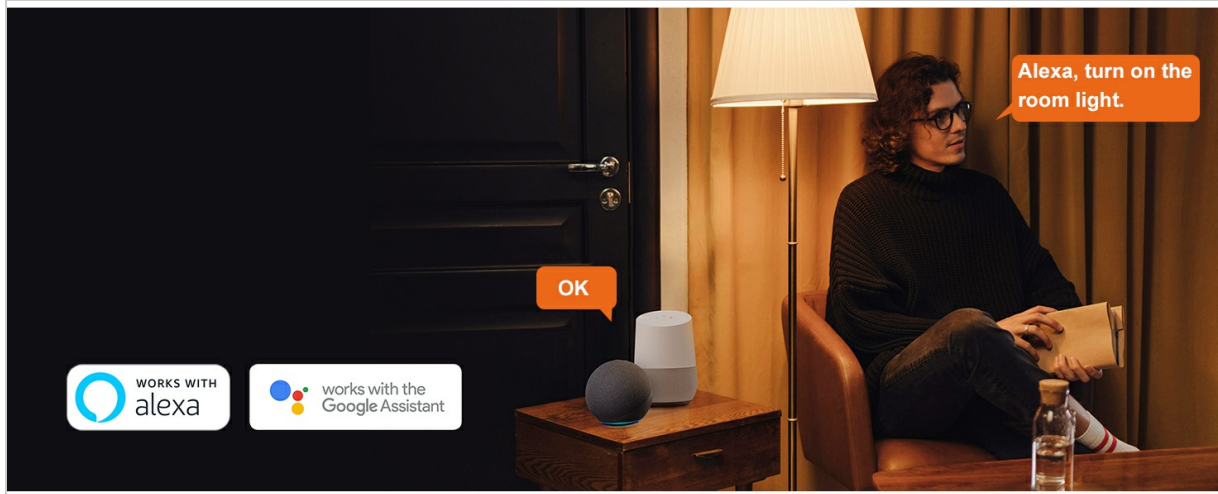


Figure 7: Voice control integration with Amazon Alexa and Google Assistant.

5.4 Scheduling and Timers

Set up schedules or countdown timers through the Smart Life app to automate your lighting.

- **Schedule Setting:** Program lights to turn on or off at specific times (e.g., 8:00 AM).
- **Countdown Timer:** Set a timer for the light to turn off after a specified duration (e.g., 1 hour later).
- **Sunrise/Sunset:** Configure lights to automatically turn on at sunset and off at sunrise.

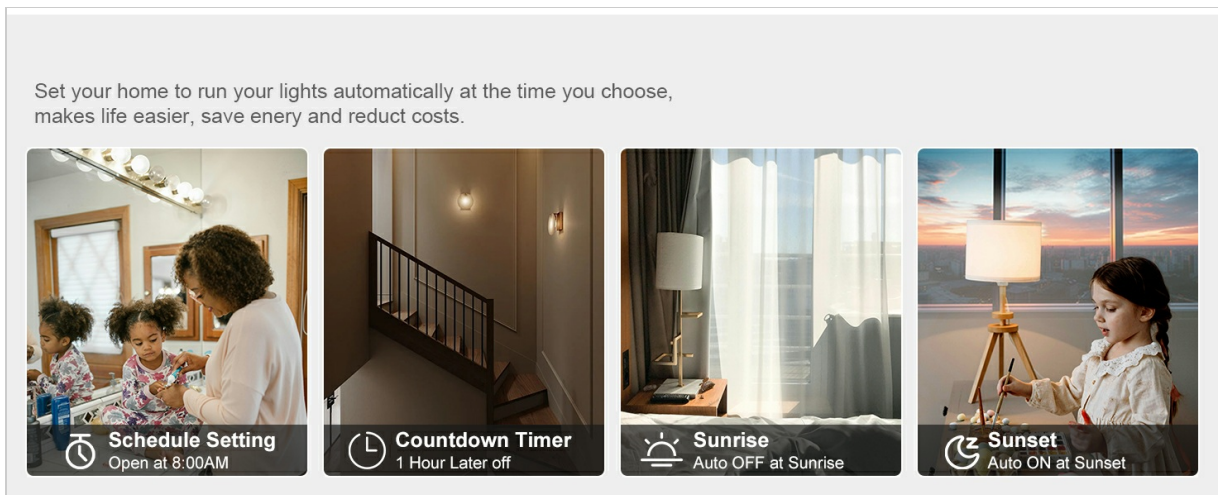


Figure 8: Smart scheduling and timer options in the app.

6. MAINTENANCE

- **Cleaning:** To clean the switch, wipe it with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check the Smart Life app for available firmware updates for your switch. Updates can improve performance and add new features.
- **Power Cycle:** If the switch becomes unresponsive, try turning off the power at the circuit breaker for 30 seconds, then restore power.

7. TROUBLESHOOTING

If you encounter issues with your EVA LOGIK Smart Light Switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Switch does not turn on/off manually.	No power, incorrect wiring, or faulty bulb.	Check circuit breaker. Verify wiring connections (Line, Load, Neutral, Ground). Test with a known working bulb.
Switch cannot connect to Wi-Fi.	Incorrect Wi-Fi band (5GHz), weak signal, or incorrect password.	Ensure your router is broadcasting a 2.4GHz network. Move the switch closer to the router. Re-enter Wi-Fi password carefully. Reset the switch to pairing mode.
Voice control not working.	Smart Life skill not enabled/linked, device not discovered, or incorrect voice command.	Verify Smart Life skill is enabled and linked in Alexa/Google Home app. Redo device discovery. Use correct device name in commands.
Light flickers or does not turn off completely.	Incompatible bulb type or load, or minimum load not met.	Ensure bulbs are compatible and within wattage limits. Some LED bulbs may require a bypass capacitor (not included) if flickering occurs at low loads.
3-way setup not functioning correctly.	Incorrect wiring, or connected to another smart/dimmer switch.	Review 3-way wiring diagram. Ensure the other switch is a standard (dumb) 3-way switch, not a smart or dimmer switch.
Switch becomes unresponsive.	Temporary software glitch or power issue.	Perform a power cycle by turning off the circuit breaker for 30 seconds, then restoring power. Check for firmware updates in the Smart Life app.

8. SPECIFICATIONS

Feature	Detail
Switch Type	Single Pole & 3-Way Smart Switch
Operation Mode	ON-OFF
Power	120V AC, 60Hz
Current Rating	8 Amps
Operating Voltage	120 Volts
Wireless Frequency	Only 2.4GHz
Wireless Standard	IEEE802.11b/g/n
Maximum Load	Incandescent 500W, LED 150W, Resistive 1000W
Temperature Range	32°F - 104°F (0°C - 40°C)
Material	Aluminum, Plastic, Copper (contact material)
Item Dimensions (L x W x H)	4.13 x 1.79 x 1.13 inches

Feature	Detail
Mounting Type	Wall Mount
Controller Type	Google Assistant, Amazon Alexa
Control Method	Voice, Remote (App)
Connectivity Protocol	Wi-Fi
Certifications	ETL, FCC
International Protection Rating	IP54

9. WARRANTY AND SUPPORT

9.1 Warranty Information

EVA LOGIK products are designed for quality and reliability. For specific warranty details, please refer to the warranty card included with your product or contact EVA LOGIK customer support.

9.2 Customer Support

If you require further assistance or have questions not covered in this manual, please contact EVA LOGIK customer support. You can often find contact information on the product packaging, the official EVA LOGIK website, or through the retailer where you purchased the product.

For more information and product updates, visit the official [EVA LOGIK Store](#).