

Feit Electric UCL24/CCTCA/AG

Feit Electric Smart Under Cabinet Lighting Instruction Manual

Model: UCL24/CCTCA/AG

1. INTRODUCTION

The Feit Electric UCL24/CCTCA/AG Under Cabinet Lighting fixture is a smart LED light designed to enhance your kitchen or workspace. This 20-watt fixture features integrated LEDs, eliminating the need for bulb replacements. It provides bright 1500-lumen light and offers a tunable white feature, allowing you to select color temperatures from 2700K (soft white) to 6500K (daylight). Control is versatile, with options including a button on the fixture, an included remote control, the Feit Electric mobile app, and voice commands via Google Home and Alexa. Its ultra-slim, low-profile design ensures even light distribution and seamless integration. With a high 90+ Color Rendering Index (CRI), colors appear more vibrant and natural. This energy-efficient light is designed for long-term use, with an average lifespan of 25,000 hours (approximately 22.8 years). It can be powered by plugging into a standard outlet or by direct hardwiring.



Figure 1.1: Feit Electric UCL24/CCTCA/AG Under Cabinet Light.

2. KEY FEATURES

- **Sleek Design:** Streamlined and low-profile, seamlessly integrates with your kitchen or workspace.
- **Adjustable Brightness:** Customize lighting with adjustable brightness levels for various tasks.
- **Tunable White:** Select color temperatures from 2700K (Soft White) to 6500K (Daylight).
- **Wireless Remote Control:** Adjust brightness and turn the light on/off from a distance.
- **Smart Control:** Works with the Feit Electric app, Amazon Alexa, and Google Home for voice and app

control.

- **Linkable:** Connect up to 8 units for extended lighting coverage.
- **Space-Saving:** Compact design maximizes available countertop or workspace.
- **Energy-Efficient LEDs:** Provides bright illumination while minimizing electricity consumption.
- **High CRI:** 90+ Color Rendering Index makes colors more vibrant and skin tones natural.



Figure 2.1: Overview of smart features and specifications.

3. SETUP AND INSTALLATION

The Feit Electric Under Cabinet Light offers flexible installation options: plug-in or hardwire. Mounting hardware is included for secure placement.

3.1 Before Installation

- Unpack all components and ensure all parts are present.
- Turn off power at the circuit breaker before beginning any electrical work.
- Determine your preferred installation method: plug-in for easy setup or hardwire for a more permanent, concealed installation.

3.2 Mounting the Fixture

1. Identify the desired location under your cabinet. Ensure there is sufficient space and a power source nearby.
2. Using the included mounting hardware (screws and clips), secure the light fixture to the underside of the cabinet. Ensure it is firmly attached.
3. If linking multiple units, connect them using the provided linking cables.

3.3 Power Connection

- **Plug-in Installation:** Simply plug the power cord into a standard 120V outlet.
- **Hardwire Installation:** For hardwiring, consult a qualified electrician. Connect the fixture's wires directly to your home's electrical wiring according to local electrical codes.



Figure 3.1: The under cabinet light installed in a kitchen setting.

4. OPERATING INSTRUCTIONS

The Feit Electric Under Cabinet Light offers multiple ways to control its functions.

4.1 Manual Control (Fixture & Remote)

- **On/Off Button:** Press the button on the fixture to turn the light on or off.
- **Brightness Adjustment:** Use the dimmer buttons on the fixture or the included remote control to adjust the light's brightness.
- **Color Temperature Selection:** Use the CCT (Correlated Color Temperature) button on the fixture or remote to cycle through preset white light temperatures (e.g., Soft White, Cool White, Daylight).

4.2 Smart Control (Feit Electric App)

For full functionality, including tunable white control (2700K-6500K), scheduling, grouping, and voice control integration, download the Feit Electric app.

1. **Download the App:** Search for "Feit Electric" in the Apple App Store or Google Play Store and download the free app.

2. **Create an Account:** Follow the in-app instructions to create a new user account or log in if you already have one.
3. **Connect to Wi-Fi:** Ensure your mobile device is connected to a 2.4GHz Wi-Fi network. The light only supports 2.4GHz networks.
4. **Add Device:** In the Feit Electric app, tap the "+" icon to add a new device. Select your under cabinet light from the list of available devices.
5. **Pairing:** Follow the on-screen prompts to put the light into pairing mode and complete the connection process.
6. **Control:** Once connected, you can control brightness, color temperature, set schedules, create groups with other Feit Electric smart devices, and enable remote access from anywhere.

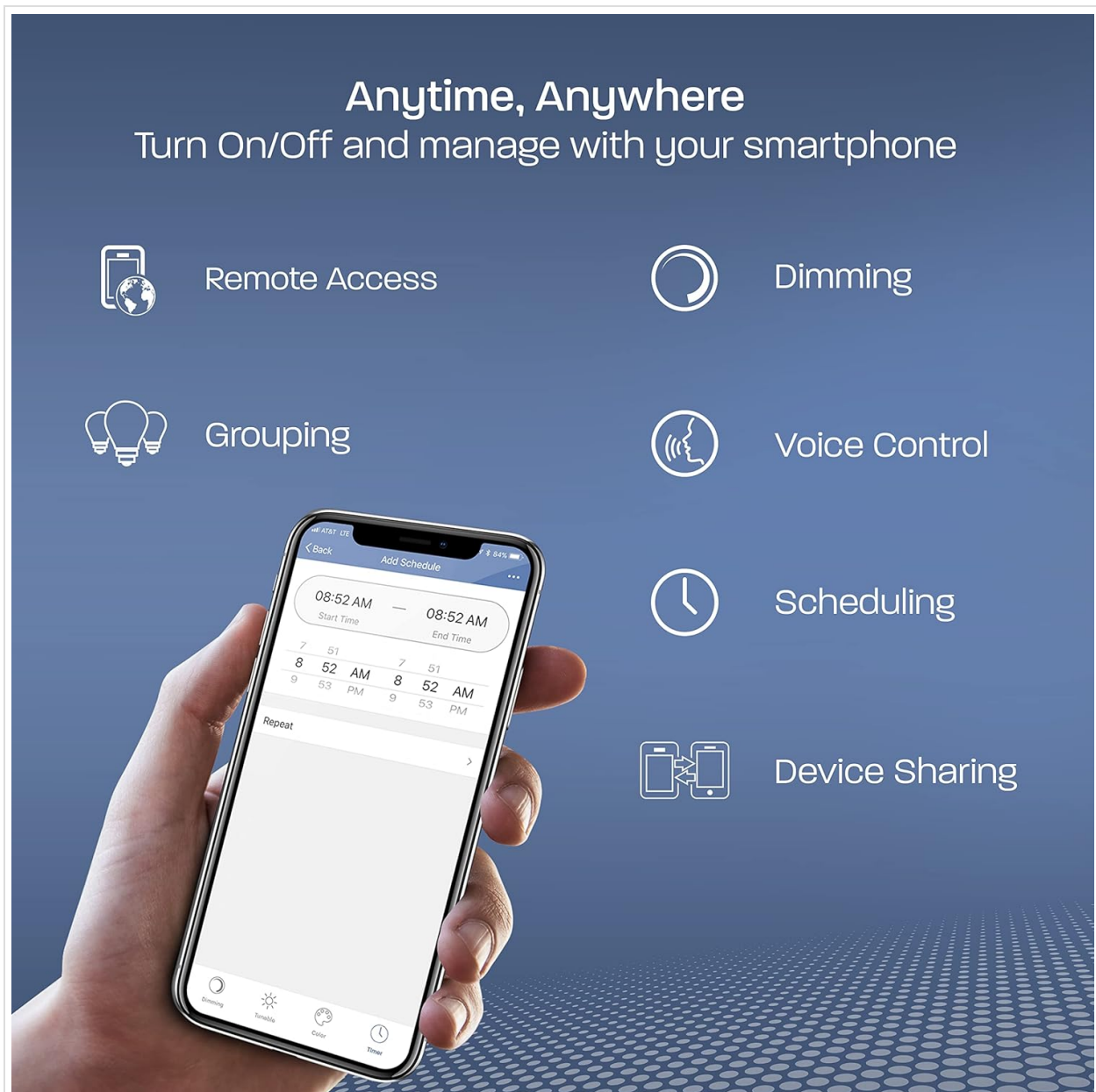


Figure 4.1: Controlling the light with the Feit Electric mobile app.

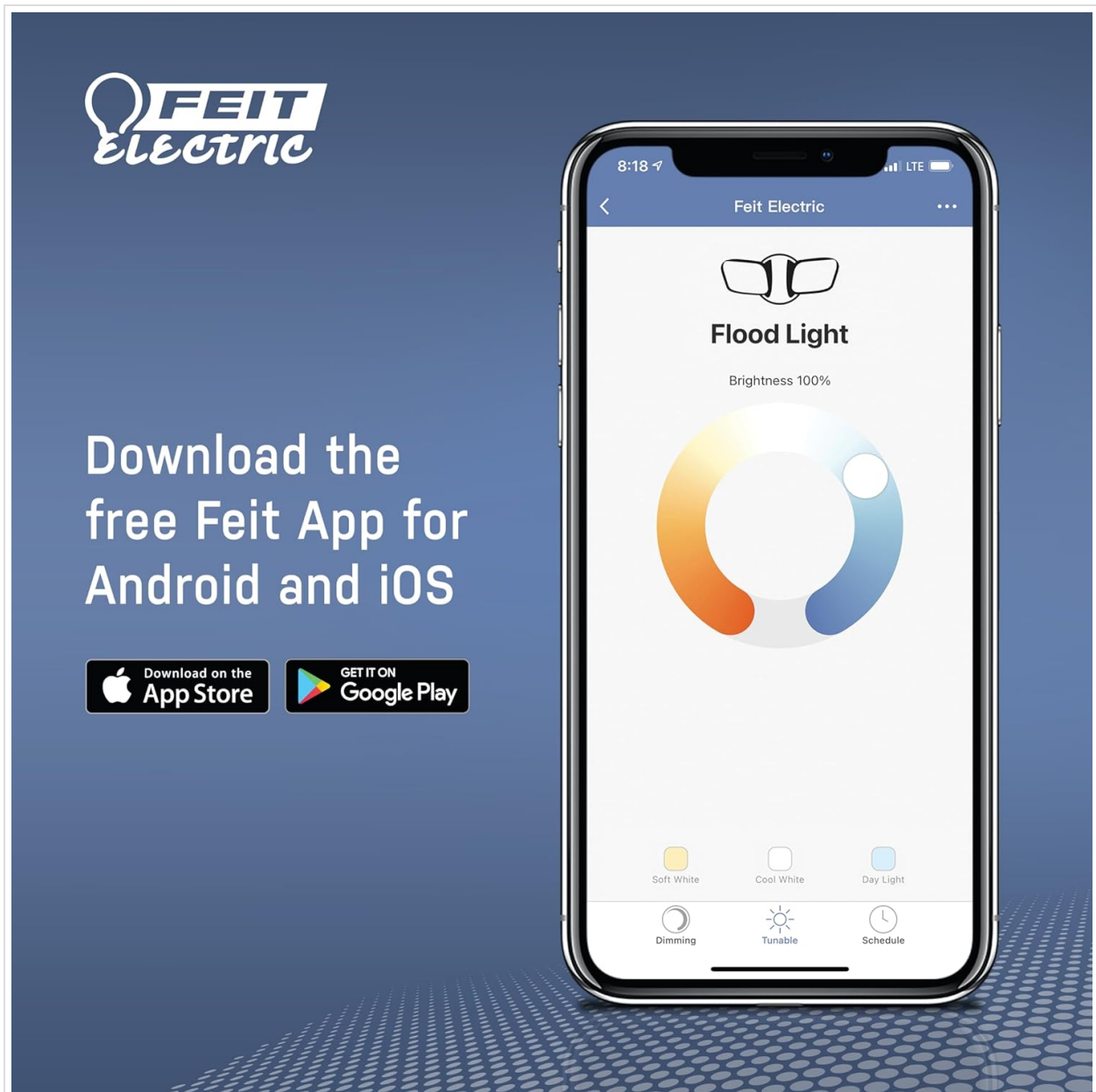


Figure 4.2: Download the Feit Electric app for full smart control.

4.3 Voice Control (Alexa & Google Home)

After connecting your light to the Feit Electric app, you can link your Feit Electric account to Amazon Alexa or Google Home for voice control.

1. Open the Alexa or Google Home app.
2. Navigate to the 'Skills' (Alexa) or 'Works with Google' (Google Home) section.
3. Search for and enable the "Feit Electric" skill/service.
4. Link your Feit Electric account when prompted.
5. Discover devices. You can now control your light using voice commands (e.g., "Alexa, turn on the kitchen light," "Hey Google, dim the under cabinet light to 50%").

5. MAINTENANCE

The Feit Electric Under Cabinet Light is designed for minimal maintenance.

- **Cleaning:** To clean the fixture, ensure it is turned off and unplugged (if applicable). Wipe the surface with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.

- **LEDs:** The light features integrated LEDs, meaning there are no bulbs to replace. The LEDs are designed to last for the lifetime of the fixture.
- **Inspection:** Periodically inspect the power cord and fixture for any signs of damage. If damage is found, discontinue use and contact customer support.

6. TROUBLESHOOTING

If you encounter issues with your Feit Electric Under Cabinet Light, try the following troubleshooting steps:

- **Light does not turn on:**
 - Check if the power cord is securely plugged into the outlet or if the hardwire connection is secure.
 - Verify that the circuit breaker is not tripped.
 - Ensure the light is turned on via the fixture button, remote, or app.
- **Light is flickering or dim:**
 - Check the brightness setting in the app or with the remote.
 - Ensure the power supply is stable.
- **Cannot connect to Wi-Fi/App:**
 - Ensure your Wi-Fi network is 2.4GHz. The light does not support 5GHz networks.
 - Check your Wi-Fi signal strength at the light's location.
 - Restart your Wi-Fi router and the light fixture.
 - Ensure you are entering the correct Wi-Fi password.
 - Try resetting the light to factory settings (refer to app instructions for specific reset procedure).
- **Remote control not working:**
 - Check and replace the remote control battery if necessary.
 - Ensure there are no obstructions between the remote and the light fixture.

If these steps do not resolve the issue, please contact Feit Electric customer support.

7. SPECIFICATIONS

Specification	Value
Model Number	UCL24/CCTCA/AG
Light Type	LED
Wattage	20 Watts
Brightness	1500 Lumens
Voltage	120 Volts
Color Temperature (CCT)	2700K - 6500K (Tunable White)
Color Rendering Index (CRI)	90+
Material	Aluminum

Specification	Value
Product Dimensions	20 x 2.6 x 5 inches
Item Weight	1.4 Pounds
Connectivity Protocol	Wi-Fi (2.4GHz only)
Control Method	App, Remote, Voice (Alexa, Google Assistant)
Installation Method	Plug-in or Hardwire
Average Lifespan	25,000 Hours / 22.8 Years

24 In. 20W Selectable White Smart Under Cabinet Flat Panel LED Fixture

Features

- Turn on/off and set up with the Feit Electric app or add a smart voice assistant like Alexa/Google Home
- Includes remote control for wireless customization and grouping with or without Wi-Fi
- High 90+ CRI light makes colors vibrant and skin tones more realistic
- **Ideal usage:** Cabinet Lighting



Specifications

Item Number	Item Width (In)	Item Length (In)	Fixture Type
UCL24/CCTCA/AG	4.8	20.0	Undercabinet Light
Fixture Finish	Fixture Lens Material	Fixture Mount	Fixture type
Aluminum	Plastic	Under Cabinet	Undercabinet Light
Body Material	Housing Finish	Dimmable	Energy Used (Wattage)
Aluminum	White	No	20
Voltage	Energy Efficiency	Annual Energy Cost	Brightness (LUMENS)
120	NA	2.41	1500
Lumen Efficiency (LPW)	Color Temperature (CCT)	Color Accuracy (CRI)	Pack Quantity
75.0	2700-6500	90	1
CEC Compliant	Warranty Years	Portable	Hardwire
Not Regulated	1	Yes	Yes
Battery Operated	Smart	Safety Location	
No	No	Damp	

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Figure 7.1: Manufacturer's specifications for the under cabinet light.

8. WARRANTY INFORMATION

This Feit Electric Under Cabinet Lighting fixture is covered by a **3-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims or further details, please contact Feit Electric customer support.

9. SUPPORT

For 24/7 customer support and additional assistance, please visit the Feit Electric Help Center:



For 24/7 customer support,
visit **feit.com/help**



Figure 9.1: Feit Electric customer support contact information.