



Manuals.plus /

› Enbrighten /

› Enbrighten 12 Inch Front Phase LED Under Cabinet Light Fixture Instruction Manual

Enbrighten 34285

Enbrighten 12 Inch Front Phase LED Under Cabinet Light Fixture Instruction Manual

Model: 34285 | Brand: Enbrighten

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Enbrighten 12-inch Direct Wire LED Light Fixture. This fixture is designed to provide efficient and versatile lighting for under or over cabinet applications in various indoor settings such as kitchens, home offices, and garages.

Featuring full-range, front phase dimmability and adjustable light color temperature (Warm White, Cool White, or Daylight), this LED fixture offers superior light diffusion and true color intensity. With a long lifespan and no bulbs to replace, it provides a reliable and energy-efficient lighting solution.

SAFETY INFORMATION

WARNING: Risk of Electric Shock. Installation by a qualified electrician is recommended for direct-wire solutions.

- Always turn off power at the circuit breaker before installation or servicing.
- Ensure all wiring connections are secure and comply with local electrical codes.
- This fixture is designed for indoor use only. Do not expose to water or excessive moisture.
- Do not attempt to modify the fixture. Any modifications will void the warranty and may pose a safety risk.
- The LED fixture is cool to the touch during operation, but always handle with care.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Enbrighten 12-inch LED Light Fixture
- Mounting Hardware (screws, wire connectors)
- Instruction Manual (this document)



Image: The Enbrighten 12-inch LED Under Cabinet Light Fixture, showing its compact and sleek design.

SETUP AND INSTALLATION

This fixture is designed for direct-wire installation. Professional installation by a qualified electrician is highly recommended.

Tools Required (Not Included):

- Screwdriver (Phillips and Flathead)
- Wire Strippers
- Drill (if pre-drilling is necessary)
- Pencil for marking

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker controlling the area where you will install the light fixture and turn off the power. Verify power is off using a voltage tester.
2. **Mark Mounting Location:** Hold the fixture in the desired installation location (e.g., under a cabinet) and mark the positions for the mounting screws. Ensure the location allows for proper wire routing.
3. **Prepare Wiring:** Route the electrical supply wires to the fixture's location. Open the wiring compartment on the fixture. Strip approximately 1/8 inch of insulation from the ends of the

supply wires (hot, neutral, ground).

4. **Make Electrical Connections:** Connect the supply wires to the corresponding wires inside the fixture using the provided wire connectors. Typically, black to black (hot), white to white (neutral), and green/bare copper to green/bare copper (ground). Ensure connections are secure.
5. **Secure Fixture:** Mount the fixture using the provided screws, ensuring it is firmly attached to the mounting surface.
6. **Restore Power:** Once the fixture is securely mounted and all connections are made, close the wiring compartment. Turn the power back on at the circuit breaker.

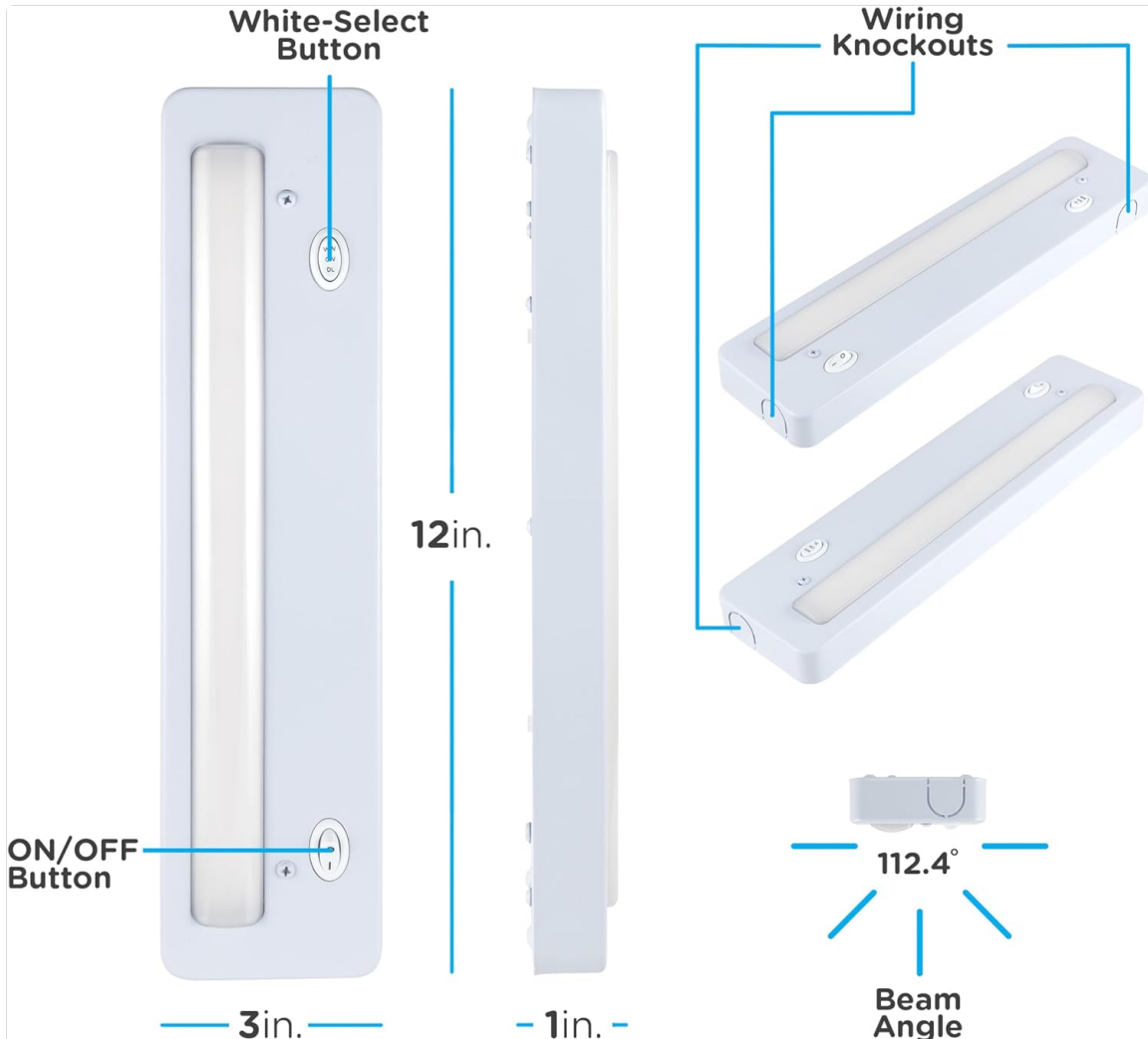


Image: Detailed diagram illustrating the dimensions (12 inches long, 3 inches wide, 1 inch deep), wiring knockouts, and the location of the ON/OFF and White-Select buttons on the Enbrighten light fixture.

Your browser does not support the video tag.

Video: An official product video demonstrating the features and benefits of the GE Enbrighten Front Phase LED Under Cabinet Light Fixture, including its energy efficiency and superior light quality.

OPERATING INSTRUCTIONS

Turning On/Off:

The fixture features an integrated ON/OFF switch. Simply toggle the switch to turn the light on or off.

Adjusting Light Color Temperature (CCT):

Your Enbrighten fixture allows you to select from three light color temperatures:

- **Warm White:** For a cozy, inviting ambiance.
- **Cool White:** A neutral, bright white for general tasks.
- **Daylight:** A crisp, invigorating light ideal for detailed work.

To change the color temperature, locate the "White-Select" button on the fixture and press it repeatedly until your desired color is achieved.

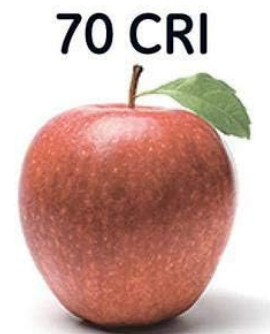
Dimming:

This fixture is compatible with most in-wall dimmers (front phase dimmability). If connected to a compatible dimmer switch, you can adjust the brightness level from the wall switch.



Image: The Enbrighten LED light fixture seamlessly installed under a kitchen cabinet, providing bright and even illumination to the countertop and backsplash.

Natural True Color



Enbrighten LEDs show true
color intensity and vibrance.

Image: A visual comparison demonstrating the superior color rendering index (CRI) of Enbrighten LEDs (97 CRI+) compared to standard LEDs (80 CRI, 70 CRI), showing how Enbrighten lights reveal natural, true colors.

MAINTENANCE

The Enbrighten LED light fixture requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the fixture with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **No Bulb Replacement:** The integrated LEDs are designed for a long lifespan (up to 50,000 hours) and do not require bulb replacement.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wiring connection. Fixture switch is off.	Check circuit breaker. Verify all wire connections are secure (ensure power is off first). Toggle the ON/OFF switch on the fixture.
Light flickers or dims unexpectedly.	Incompatible dimmer switch. Loose wiring.	Ensure your dimmer is a compatible front phase dimmer. Check all wiring connections.
Cannot change light color.	"White-Select" button not functioning.	Press the "White-Select" button firmly. If issue persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	34285
Dimensions (L x W x H)	12" x 3" x 1"
Brightness	601 Lumens
Voltage	120 Volts
Light Source Type	LED
Color Temperature	Adjustable (Warm White/Cool White/Daylight)
Dimmability	Front Phase Dimmer Compatible
Lifespan	50,000 Hours
Material	Plastic, Alloy Steel
Mounting Type	Under Cabinet
Certifications	UL Listed

WARRANTY AND SUPPORT

This Enbrighten LED Light Fixture is backed by a **Limited-Lifetime Warranty**, ensuring peace of mind regarding its quality and performance.

For warranty claims, technical support, or any questions regarding your product, please contact Enbrighten Customer Service. Refer to the contact information provided on the product packaging or visit the official Enbrighten website for the most up-to-date support details.

You can also visit the Enbrighten Store on Amazon for more product information and support resources.