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Enbrighten 38977-T1

Enbrighten 12 inch Hardwired Under Cabinet Light (Model 38977-T1) Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Enbrighten 12 inch Hardwired Under Cabinet Light, Model 38977-T1. Please read these instructions thoroughly before installation and retain them for future reference. This fixture is designed to provide soft warm white LED lighting for under cabinet applications, featuring dimmable functionality and direct wire installation.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Risk of Electric Shock. Disconnect power at the fuse or circuit breaker before installing or servicing.

- Read all instructions before installation.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Use only copper supply conductors.
- Ensure all electrical connections are secure and comply with local codes and ordinances.
- Do not install this fixture near any heat source or in areas with excessive moisture.
- This fixture is for indoor use only.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Enbrighten 12 inch Under Cabinet Light Fixture (Model 38977-T1)
- Mounting Hardware (screws, wire nuts)

INSTALLATION INSTRUCTIONS

This fixture is designed for direct wire installation. If you are not familiar with electrical wiring, it is recommended to consult

a qualified electrician.

Tools Required (Not Included):

- Screwdriver (Phillips and/or Flathead)
- Wire Strippers
- Drill (if mounting to a new surface)
- Pencil
- Measuring Tape

Step-by-Step Installation:

1. **Turn off Power:** Locate the circuit breaker or fuse box and turn off the power to the area where you will be installing the light fixture. Verify power is off using a voltage tester.
2. **Determine Mounting Location:** Choose a suitable location under your cabinet. Ensure there is adequate space for the fixture (Product Dimensions: 1.55"L x 3.3"W x 14.3"H).
3. **Prepare Fixture for Wiring:**

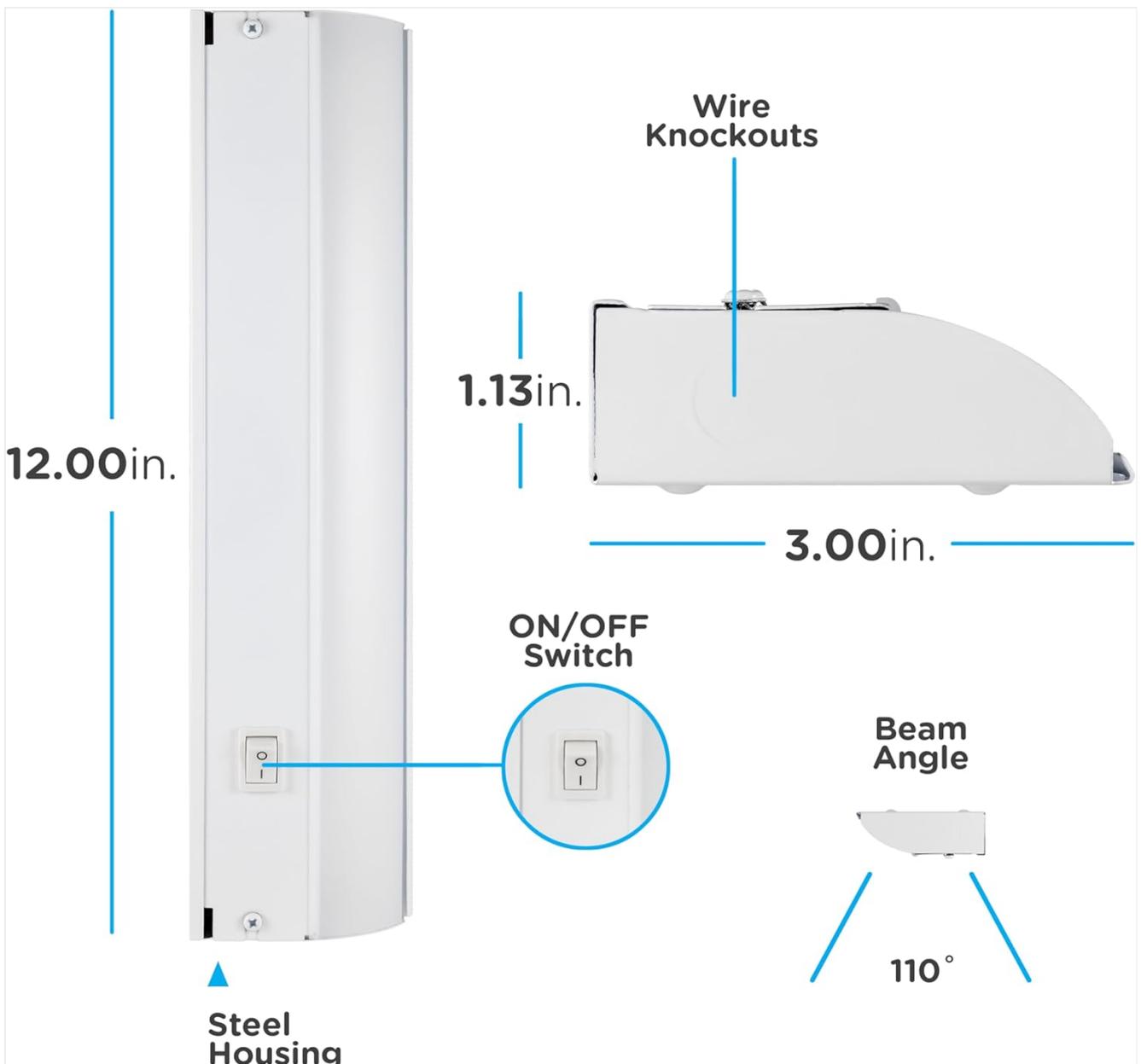


Image: Dimensions of the Enbrighten 12-inch under cabinet light fixture, highlighting its 12-inch length, 3-inch width, 1.13-inch height, and the location of wire knockouts for electrical connections.

Remove the cover plate from the wiring compartment on the fixture. Knock out the appropriate wire knockout for

your electrical supply line.

4. **Mount the Fixture:**

Using the provided mounting hardware, secure the fixture to the underside of the cabinet. Ensure it is firmly attached.

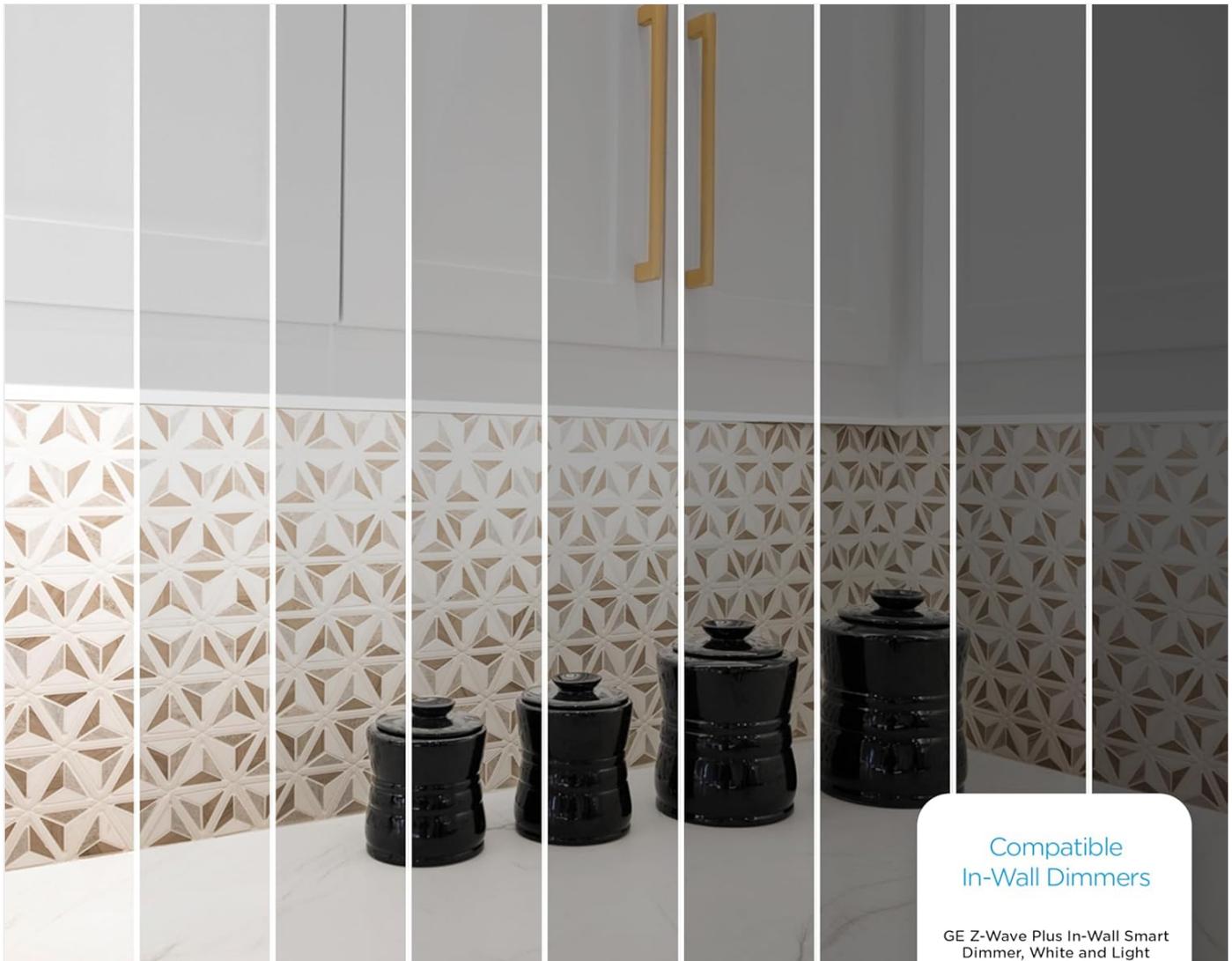
5. **Wire Connections:**

- Connect the **black** wire from the fixture to the **black** (hot) wire from your electrical supply using a wire nut.
- Connect the **white** wire from the fixture to the **white** (neutral) wire from your electrical supply using a wire nut.
- Connect the **green** or bare copper (ground) wire from the fixture to the **green** or bare copper (ground) wire from your electrical supply using a wire nut.

Ensure all connections are tight and secure. Tuck wires neatly into the wiring compartment and replace the cover plate.

6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker or fuse box.

Dimmable Compatibility:



Streamlined Control

Fully manage how your space is lit by connecting your fixture with these in-wall dimmers.

Compatible In-Wall Dimmers

GE Z-Wave Plus In-Wall Smart Dimmer, White and Light Almond Paddles
12724

GE Z-Wave Plus Plug-in Smart Switch, Dual Controlled Outlets, 500S
14282

Jasco Zigbee In-Wall Smart Dimmer with Energy Monitoring, White and Light Almond Paddles
45857

Image: Examples of compatible in-wall dimmer switches, including GE Z-Wave Plus In-Wall Smart Dimmer (12724), GE Z-Wave Plus Plug-in Smart Switch (14282), and Jasco Zigbee In-Wall Smart Dimmer (45857).

This fixture is compatible with most in-wall dimmer switches, allowing you to customize your lighting levels from 10% to 100%. Refer to the dimmer switch manufacturer's instructions for installation and operation.

OPERATING INSTRUCTIONS

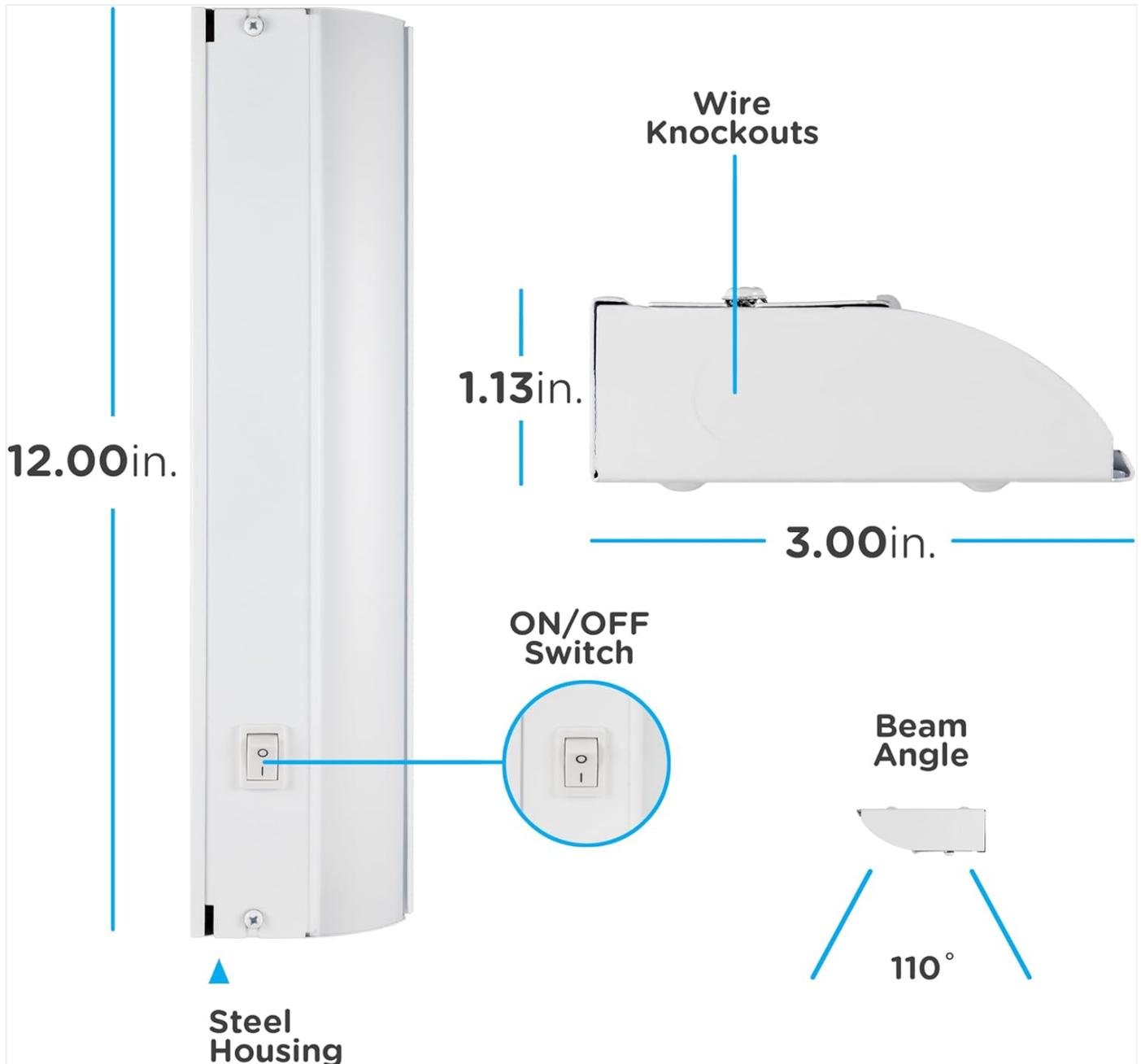


Image: Close-up of the ON/OFF switch located on the side of the Enbrighten 12-inch under cabinet light fixture.

- **Power On/Off:** Use the integrated ON/OFF switch located on the fixture to turn the light on or off.
- **Dimming:** If connected to a compatible in-wall dimmer switch, adjust the dimmer to achieve your desired brightness level. The fixture supports dimming from 10% to 100%.
- **Light Output:** The fixture provides 485 lumens of soft warm white light at 3000K color temperature.



485
Lumens



Dimmable
10-100%



Direct Wire



**In-Wall Dimmer
Compatible**



Image: Infographic highlighting key features: 485 Lumens brightness, 10-100% dimmability, direct wire installation, compatibility with in-wall

MAINTENANCE

- **Cleaning:** To clean the fixture, ensure power is off. Wipe with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electrical components.
- **LEDs:** The integrated LED lights are designed for long-lasting performance and do not require replacement.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wire connection. ON/OFF switch is in the OFF position.	Check circuit breaker/fuse. Verify all wire connections are secure (with power off). Ensure the ON/OFF switch on the fixture is in the ON position.
Light flickers or dims unexpectedly.	Incompatible dimmer switch. Loose wire connection. Voltage fluctuations.	Ensure dimmer is LED compatible. Check wire connections (with power off). Consult an electrician if voltage issues are suspected.
Light is not as bright as expected.	Dimmer setting is too low.	Adjust the dimmer switch to a higher setting.

SPECIFICATIONS

Brand	Enbrighten
Model Number	38977-T1
Product Dimensions	1.55"L x 3.3"W x 14.3"H (12 inch length)
Light Source Type	LED
Brightness	485 Lumens
Color Temperature	3000K (Soft Warm White)
Dimmability	10-100% (with compatible in-wall dimmer)
Power Source	Corded Electric (Direct Wire)
Installation Type	Direct Wire
Material	Plastic (Housing: Steel)
Indoor/Outdoor Usage	Indoor
Certifications	UL Certified, Energy Star Certified

UPC

030878389778

WARRANTY INFORMATION

This Enbrighten product is backed by a **Limited-lifetime warranty**. For specific details regarding warranty coverage and claims, please refer to the warranty documentation included with your purchase or contact Enbrighten customer support.

CUSTOMER SUPPORT

If you have any questions, require assistance with installation, or encounter issues not covered in this manual, please contact Enbrighten customer support. Contact information can typically be found on the product packaging or the official Enbrighten website.

