

[Manuals.plus](#) /

› [American Lighting](#) /

› American Lighting LUC-8-DB LED Contrax Under Cabinet Light Fixture User Manual

American Lighting LUC-8-DB

American Lighting LUC-8-DB LED Contrax Under Cabinet Light Fixture User Manual

MODEL: LUC-8-DB | BRAND: AMERICAN LIGHTING

1. Introduction

The American Lighting LUC-8-DB LED Contrax Under Cabinet Light Fixture is a dimmable, 4-watt LED lighting solution designed for installation under cabinets or shelves. This fixture provides 3000K warm white light with a high output of 210 lumens, making it suitable for various indoor applications, particularly in kitchens. Its low-profile design and durable construction ensure efficient and long-lasting illumination.

2. Safety Information

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- This product is intended for **indoor use only** in dry locations. Do not expose to water or moisture.
- Ensure the electrical rating of the fixture (120V AC, 60Hz) matches your power supply.
- All electrical connections must be in accordance with local codes, ordinances, and the National Electric Code (NEC). If you are unfamiliar with proper electrical wiring connections, consult a qualified electrician.
- Do not install near heat sources or in areas with high humidity.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create safety hazards.

3. Package Contents

Verify that all components are present before beginning installation:

- 1 x American Lighting LUC-8-DB LED Contrax Under Cabinet Light Fixture

Note: Power cords and linking cables are sold separately and are required for certain installation types (e.g., plug-in or linking multiple fixtures).

4. Installation

This fixture is designed for under-cabinet mounting. For optimal performance, mount the fixture to the underside of a shelf or cabinet, at the leading edge.

Installation Steps:

1. **Power Disconnection:** Before starting any installation, ensure the power supply to the installation area is turned off at the circuit breaker or fuse box.
2. **Positioning:** Determine the desired mounting location under your cabinet or shelf. Mark the mounting screw locations. The fixture features a low profile, less than 1-inch high, allowing it to hide easily.
3. **Mounting:** Secure the fixture to the marked locations using appropriate screws (not included, typically provided with power cords/linking cables or purchased separately).
4. **Wiring Access:** The fixture includes a quick-access door for tool-free access to the wiring compartment, speeding up hardwire installations. Open this compartment.
5. **Electrical Connection:** Connect the fixture to your 120V AC, 60Hz power supply. For hardwire installations, ensure all connections are secure and comply with local electrical codes. If using a power cord (sold separately), plug it into the fixture and then into a suitable wall outlet.
6. **Linking Multiple Fixtures (Optional):** If linking multiple Contrax fixtures, use compatible linking cables (sold separately) to connect them. Ensure the total wattage of linked fixtures does not exceed the maximum rating of the power source or dimmer.
7. **Close Compartment:** Once wiring is complete and secure, close the wiring compartment door.
8. **Restore Power:** Turn the power back on at the circuit breaker.



Image: American Lighting LUC-8-DB LED Contrax Under Cabinet Light Fixture, 8-1/2-Inch, Dark Bronze. This image shows the overall design and compact size of the under cabinet light fixture.

5. Operation

Once installed and powered, the American Lighting LUC-8-DB fixture provides consistent 3000K warm white light. The fixture is dimmable and can be controlled using a compatible dimmer switch.

- **Dimmable Functionality:** This fixture is designed to be dimmable with most incandescent, CFL/LED (Triac), and low voltage electronic dimmers. Always check the minimum load requirements of your dimmer switch to ensure compatibility.

- **Light Output:** The fixture delivers 210 lumens of 3000K warm white light, suitable for task lighting and ambient illumination.

6. Maintenance

The American Lighting LUC-8-DB LED Contrax fixture requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or cleaners containing alcohol, as these can damage the finish or acrylic lens.
- **LED Lifespan:** The integrated 3528 LEDs have a rated life of 35,000 hours, providing many years of service under normal operating conditions. LEDs are not user-replaceable.

7. Troubleshooting

If you encounter issues with your fixture, refer to the following troubleshooting guide:

- **Light does not turn on:**
 - Check if the power supply to the fixture is active.
 - Ensure all electrical connections are secure.
 - Verify that the wall switch (if applicable) is in the ON position.
- **Light flickers or buzzes when dimmed:**
 - This fixture is dimmable, but compatibility with all dimmers is not guaranteed. Some dimmers, particularly older models or those not specifically designed for LED loads, may cause flickering or buzzing.
 - Ensure your dimmer is compatible with LED fixtures and meets the minimum load requirements for the 4-watt fixture.
 - If issues persist, try replacing the dimmer with a known compatible LED dimmer or operating the fixture on a standard ON/OFF switch.
- **Light output is low or inconsistent:**
 - Ensure the fixture is receiving full 120V AC power.
 - If using a dimmer, ensure it is set to the maximum brightness level.

8. Specifications

Brand	American Lighting
Model Number	LUC-8-DB
Style	8-1/2-Inch Fixture
Color/Finish	Dark Bronze
Wattage	4 Watts
Brightness	210 Lumens
Color Temperature	3000 Kelvin (Warm White)
Voltage	120V AC, 60Hz
Light Source Type	LED (3528 LEDs)

Color Rendering Index (CRI)	82+
Rated Life	35,000 Hours
Product Dimensions	8.25 x 3.63 x 0.88 inches
Item Weight	1.15 pounds
Installation Type	Under Cabinet
Special Feature	Dimmable
Usage Environment	Indoor use only (Dry Locations)
Certifications	Energy Star rated, c/ETL/us Listed
Shade Material	Acrylic, Alloy Steel, Polycarbonate

9. Warranty and Support

For warranty information or technical support, please contact American Lighting directly. Keep your purchase receipt as proof of purchase.

American Lighting Contact Information:

Please refer to the official American Lighting website or product packaging for the most current contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B00HOCKOPI>

More documents and user manuals: <https://manuals.plus/>