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› AFX 42-inch T5L 2 LED Undercabinet Light User Manual with Adjustable CCT

AFX T5L 2

AFX 42-inch T5L 2 LED Undercabinet Light User Manual

Model: T5L 2 (T5L2-42LAJWH)

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your AFX 42-inch T5L 2 LED Undercabinet Light. Please read this manual thoroughly before installation and retain it for future reference. This undercabinet light is designed to provide efficient and adjustable illumination for various indoor spaces, including kitchens and home offices.



Figure 1: Front view of the AFX 42-inch T5L 2 LED Undercabinet Light. This image shows the full length of the white fixture, highlighting its sleek design suitable for discreet undercabinet mounting.

2. SAFETY INSTRUCTIONS

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.
- All electrical connections must be in accordance with local codes, ordinances, or the National Electric Code (NEC). Consult a qualified electrician if you are unfamiliar with electrical wiring.
- Do not install this fixture in wet locations or near flammable materials. This product is rated for indoor and outdoor usage, but ensure proper sealing for outdoor applications as per local codes.
- Ensure the mounting surface can support the weight of the fixture.
- Do not look directly into the LED light source when the fixture is powered on.
- Do not attempt to modify or repair the fixture. There are no user-serviceable parts inside.
- This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm (Proposition 65 warning).

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- AFX 42-inch T5L 2 LED Undercabinet Light Fixture (1 unit)
- Mounting Hardware (screws, anchors)
- Instruction Manual

4. SETUP AND INSTALLATION

Installation requires basic electrical wiring knowledge. If unsure, consult a qualified electrician.

1. **Prepare for Installation:** Turn off power at the circuit breaker or fuse box to the area where the light will be installed.
2. **Determine Mounting Location:** Select a suitable location under a cabinet or shelf. The fixture is designed for under-cabinet or ceiling mount applications. Ensure there is sufficient space for the 42-inch length and access for wiring.
3. **Mount the Fixture:**
 - Use the provided mounting hardware to securely attach the fixture to the desired surface. Mark pilot holes, drill if necessary, and fasten the fixture.
 - Ensure the fixture is level and firmly attached to prevent movement.
4. **Electrical Connection:**
 - Connect the fixture's wiring to the main power supply (120 Volts, Corded Electric). Follow standard wiring practices: connect live to live, neutral to neutral, and ground to ground.
 - Ensure all connections are secure and insulated with wire nuts or appropriate connectors.
5. **Final Check:** Once installed and wired, ensure all connections are tight and the fixture is securely mounted.

5. OPERATING INSTRUCTIONS

The AFX T5L 2 LED Undercabinet Light features an integrated LED light source with adjustable color temperature (CCT) and dimmable functionality.

1. **Power On/Off:** Restore power at the circuit breaker. The light can be controlled via a wall switch connected to the circuit or an integrated switch on the fixture (if present).
2. **Adjusting Color Temperature (CCT):**

This fixture allows you to select between three color temperatures: 3000K (Warm White), 4000K (Cool White), and 5000K (Daylight). A switch located on the fixture allows for this adjustment.



Figure 2: Detail of the CCT selection switch. The switch clearly indicates options for 3000K, 4000K, and 5000K, allowing users to customize the light's warmth or coolness.

To change the CCT, locate the switch on the fixture and slide it to your desired setting (3000K, 4000K, or 5000K). It is recommended to make this adjustment before final installation or when the fixture is easily accessible.

3. **Dimming Functionality:** The fixture is dimmable. To utilize this feature, ensure you have a compatible dimmer switch installed on the circuit controlling the light. Refer to your dimmer switch's instructions for proper operation.

6. 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 or solvents, as they may damage the finish or acrylic shade.
- **LED Lifespan:** The integrated LED light source is designed for long-term operation and does not require bulb replacement.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wiring connection. Faulty switch.	Check circuit breaker/fuse. Ensure wall switch is on. Verify all wiring connections are secure. Test the switch.

Problem	Possible Cause	Solution
Light flickers or dims unexpectedly.	Incompatible dimmer switch. Loose wiring connection. Voltage fluctuations.	Ensure dimmer switch is LED-compatible. Check wiring connections. Consult an electrician if voltage issues are suspected.
Incorrect color temperature.	CCT switch set incorrectly.	Adjust the CCT selection switch on the fixture to the desired setting.

If troubleshooting steps do not resolve the issue, contact AFX customer support or a qualified electrician.

8. SPECIFICATIONS

Brand	AFX
Model Name	T5L 2
Item Model Number	T5L2-42LAJWH
Product Dimensions	42 x 3.5 x 1.13 inches (L x W x D)
Item Weight	3.7 pounds
Material	Alloy Steel frame, Acrylic shade
Color	White
Light Source Type	Integrated LED
Wattage	18 watts
Voltage	120 Volts
Color Temperature	Adjustable (3000K, 4000K, 5000K)
Special Feature	Dimmable
Mounting Type	Ceiling Mount (suitable for undercabinet)
Indoor/Outdoor Usage	Indoor, Outdoor (ensure proper sealing for outdoor)
UPC	037949489085

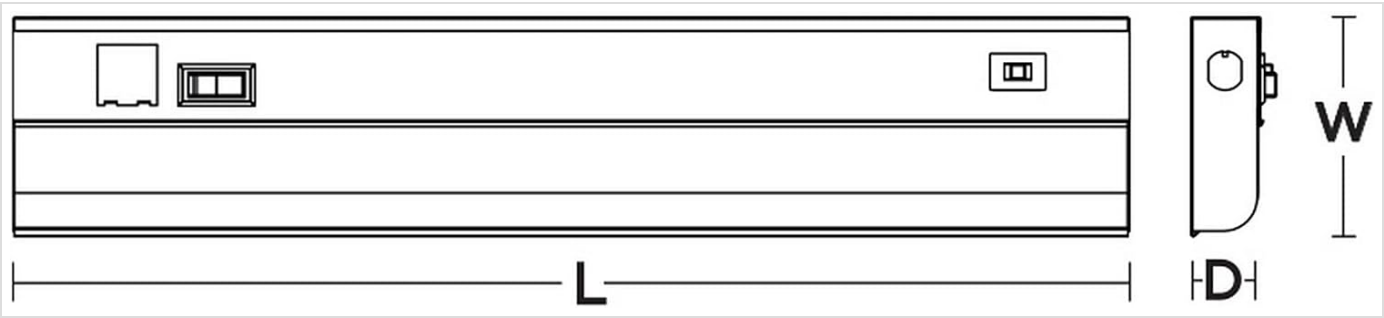


Figure 3: Dimensional diagram of the AFX T5L 2 fixture, illustrating its length (L), width (W), and depth (D) for installation planning.

9. WARRANTY AND SUPPORT

Warranty: This AFX product is covered by a 5-year limited warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, or unauthorized modifications.

For warranty claims or technical support, please contact AFX Inc. customer service. Keep your proof of purchase for warranty validation.

Manufacturer: AFX Inc.

For further assistance, visit the [AFX Store on Amazon](#).

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