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WAC Lighting Duo ACLED Dual Color Temperature Bar Instruction Manual

Model: BA-ACLED42-27/30

PRODUCT OVERVIEW

The WAC Lighting Duo ACLED Dual Color Temperature Bar is a versatile under-cabinet lighting solution designed for various indoor applications. This fixture features an extruded solid aluminum body with a polycarbonate lens, providing diffused light to reduce glare. It offers dual color temperature options (2700K warm white and 3000K cool white) selectable via a three-way rocker switch. The unit is dimmable with compatible ELV or TRIAC dimmers and requires direct 120V AC wiring.



Image: Front view of the WAC Lighting Duo ACLED Dual Color Temperature Bar in white, showing the integrated rocker switch.

SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the fuse box or circuit breaker before installation or servicing.
- Installation must be performed by a qualified electrician in accordance with national and local electrical codes.
- Do not install near heat sources or in areas with excessive moisture.
- Ensure all connections are secure and properly insulated.
- This product is intended for indoor use only.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Duo ACLED Dual Color Temperature Bar (1 unit)
- Mounting Hardware (screws, anchors)

- Instruction Manual (this document)

SPECIFICATIONS

Feature	Detail
Model	BA-ACLED42-27/30
Length	42 Inches
Color Temperature	2700K (Warm White) / 3000K (Cool White)
Rated Hours	54,000 hours
Dimming	Smooth and continuous to 10% with ELV or TRIAC dimmer
Voltage	120V AC (Direct wiring, no transformer required)
Material	Extruded Solid Aluminum, Polycarbonate Lens
Color	White



Image: Diagram showing various models of the Duo ACLED bar with corresponding lengths (8", 12", 18", 24", 30", 36", 42").

TITLE 24



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Image: Technical drawing illustrating the dimensions of the light bar, showing a length range of 8" to 42", a height of 2 3/4", and a depth of 1".

INSTALLATION INSTRUCTIONS

- Prepare for Installation:** Ensure power is turned off at the circuit breaker before starting. Clear the installation area.
- Mounting Location:** Determine the desired mounting location under the cabinet. Mark the positions for mounting screws. The fixture has multiple knockouts for wiring flexibility.
- Secure the Fixture:** Use the provided mounting hardware to securely attach the light bar to the underside of the cabinet. Ensure the fixture is level and stable.
- Wiring:** Connect the 120V AC supply wires to the fixture's wiring. Follow standard electrical codes: connect live (black) to live, neutral (white) to neutral, and ground (green/bare copper) to ground. Use appropriate wire connectors. This fixture requires direct 120V AC wiring and does not need an external transformer or driver.
- Test Functionality:** Once wiring is complete and secured, restore power at the circuit breaker. Test the light bar's operation and color temperature switch.

OPERATING INSTRUCTIONS

Power On/Off and Color Temperature Selection

The Duo ACLED bar features a three-way rocker switch located on the fixture. This switch allows you to:

- Toggle the light **On** or **Off**.
- Select between **2700K (Warm White)** for a cozy ambiance.
- Select between **3000K (Cool White)** for a brighter, more task-oriented light.

Dimming Functionality

This fixture is designed for smooth and continuous dimming down to 10% of its maximum light output. To utilize the dimming feature, ensure you are using a compatible electronic low voltage (ELV) or TRIAC dimmer switch. Consult the dimmer's instructions for proper installation and operation.

MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry or slightly damp cloth to wipe the fixture. Avoid abrasive cleaners or solvents that may damage the finish or lens.
- **LED Longevity:** The integrated LED light source has a rated life of 54,000 hours and is not user-replaceable.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose wiring, faulty switch.	Check circuit breaker. Verify all wire connections are secure. Ensure the rocker switch is in the 'On' position.
Light flickers or dims improperly.	Incompatible dimmer, loose wiring, dimmer malfunction.	Ensure a compatible ELV or TRIAC dimmer is used. Check dimmer wiring. Consult a qualified electrician if issues persist.
Cannot change color temperature.	Rocker switch not fully engaged.	Ensure the three-way rocker switch is fully toggled to the desired color temperature setting.

COMPLIANCE AND CERTIFICATIONS



Energy Star Certified



California Title 24 Compliant

WARRANTY AND SUPPORT

WAC Lighting products are manufactured to the highest standards and are backed by a manufacturer's warranty.

For detailed warranty information, technical support, or to purchase accessories (such as joiner cables), please visit the official WAC Lighting website or contact their customer service department.

WAC Lighting Website: www.waclighting.com

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