

WAC Lighting LED-T2435-2IN-10WT

WAC Lighting InvisiLED Pro LED Tape Light Instruction Manual

Model: LED-T2435-2IN-10WT

INTRODUCTION

The WAC Lighting InvisiLED Pro LED Tape Light system provides a high-performance, low-profile lighting solution. This energy-efficient LED tape is designed for easy installation in various residential and commercial settings, including under cabinets, along granite countertops, and within crown moldings. This manual provides essential information for the safe and effective installation, operation, and maintenance of your InvisiLED Pro LED Tape Light.

SAFETY INFORMATION

Please read all instructions carefully before installation and retain this manual for future reference. Improper installation or use can lead to electrical shock, fire, or other hazards. Always consult a qualified electrician if you are unsure about any part of the installation process.

- Ensure power is disconnected at the circuit breaker before installation or servicing.
- Do not install in wet locations or areas exposed to direct water.
- Use only with compatible Electronic Low Voltage (ELV) dimmers if dimming functionality is desired.
- Do not exceed the maximum run length of 33 feet for the LED tape light.
- This product operates on 24 Volts DC. Ensure your power supply (transformer) is compatible.

PACKAGE CONTENTS

Your WAC Lighting InvisiLED Pro LED Tape Light package (Model LED-T2435-2IN-10WT) includes:

- 10 x 2-inch sections of InvisiLED Pro LED Tape Light (3500K Warm White)

Note: Additional components such as power supplies (transformers), connectors, and mounting channels are sold separately and are required for a complete installation.

SETUP AND INSTALLATION

The InvisiLED Pro system is designed for straightforward installation. Proper planning of your layout and

power requirements is crucial before beginning.

1. Planning Your Layout

Determine the total length of LED tape light required for your application. The system supports a minimum run length of 1 foot and a maximum of 33 feet. Consider the placement of your power supply (transformer) and any necessary jumper cables or connectors for corners and gaps.

2. Power Supply Connection

An appropriate 24V DC power supply (transformer) is required. Connect the transformer to your building's electrical wiring according to local electrical codes. The transformer will have a lead wire with a female connector that connects to the LED tape light.



Figure 1: Plug and Play Connection Diagram. This image illustrates the connection of the transformer to the lead wire and then to the LED tape light, highlighting the male/female connector configuration.

3. Connecting LED Tape Light Sections

Each 2-inch section of InvisiLED Pro tape light features male and female connectors for easy linking. Simply align the pins and push the sections together to form a continuous strip. Ensure a secure connection for reliable operation.



Figure 2: InvisiLED Pro LED Tape Light Connectors. This image provides a detailed view of the LED tape light, highlighting the male and female connectors used to link multiple sections.

4. Mounting the LED Tape Light

The InvisiLED Pro tape light typically comes with an adhesive backing for easy mounting. For additional security, especially on rough or uneven surfaces, nail retainers may be used. Ensure the mounting surface is clean, dry, and smooth for optimal adhesion.



Figure 3: InvisiLED Pro LED Tape Light. This image shows a segment of the flexible LED tape light, illustrating its compact design and the placement of individual LED chips.

5. Application Examples

The InvisiLED Pro is versatile and can be used in various applications to enhance ambient or task lighting.



Figure 4: InvisiLED Pro in a Dining Area. This image demonstrates the application of InvisiLED Pro lighting to illuminate steps and walls in a modern dining space, providing subtle ambient light.



Figure 5: InvisiLED Pro Integrated into Wall Design. This image showcases the use of InvisiLED Pro to create linear light accents within wall panels and architectural elements, enhancing the modern aesthetic of a room.

OPERATING INSTRUCTIONS

Once properly installed and connected to a power source, your InvisiLED Pro LED Tape Light will illuminate when power is supplied. The 3500K color temperature provides a warm white light suitable for various environments.

Dimmable Functionality

The InvisiLED Pro is dimmable when used with a compatible Electronic Low Voltage (ELV) dimmer. Connect the ELV dimmer between the main power supply and the transformer according to the dimmer's instructions. This allows for adjustable light output to suit your preferences.

MAINTENANCE

The WAC Lighting InvisiLED Pro LED Tape Light is designed for long-lasting performance with minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Gently wipe the LED tape light with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **LED Longevity:** LEDs have an expected long operational life. No bulb replacement is necessary.

TROUBLESHOOTING

If you encounter issues with your InvisiLED Pro LED Tape Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Lights do not turn on	No power to the transformer; loose connections; faulty transformer.	Check circuit breaker. Verify all connections are secure. Test transformer output.
Lights flicker or dim inconsistently	Incompatible dimmer; loose connections; power supply issue.	Ensure an ELV dimmer is used. Check all connections. Verify power supply stability.
Only part of the strip illuminates	Faulty section; loose connection between sections.	Inspect connections between tape light sections. Replace faulty section if necessary.

If issues persist after attempting these steps, please contact WAC Lighting customer support or a qualified

electrician.

SPECIFICATIONS

Brand	WAC Lighting
Model Number	LED-T2435-2IN-10WT
Light Type	LED
Special Feature	Integrated LED Module
Wattage	50 watts (System Max)
Incandescent Equivalent Wattage	150 Watts
Light Color	Warm White
Color Temperature	3500 Kelvin
Voltage	24 Volts
Brightness	207.0 lumens per foot
White Brightness (Total)	4140 Lumens
Color Rendering Index (CRI)	80
Unit Count	10.0 Count (2-inch sections)
Product Dimensions	1.31 x 1.31 x 1.31 inches (per section, approximate)
Item Weight	0.01 ounces (per section, approximate)
Power Source	Corded Electric (requires external transformer)
Accepted Voltage Frequency	100 to 240 Volts and 50 Hertz to 60 Hertz (for transformer input)
Control Method	App (if integrated with smart home system, not inherent to product)
Efficiency	High Efficiency
Certification	UL Listed
UPC	790576255569

WARRANTY AND SUPPORT

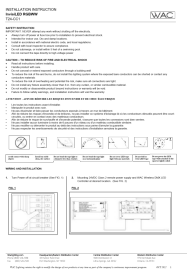
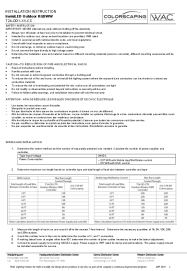

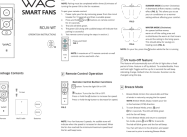
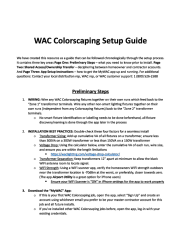
Warranty Information

WAC Lighting provides a **Five (5) year manufacturer limited warranty** on this product. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

Customer Support

For technical assistance, warranty claims, or further information regarding your InvisiLED Pro LED Tape Light, please visit the official WAC Lighting website or contact their customer service department. Contact details can typically be found on the product packaging or the WAC Lighting website.

Related Documents - LED-T2435-2IN-10WT

	<p>WAC InvisiLED RGBWW T24-CC1 Installation Instructions</p> <p>Comprehensive installation guide for the WAC InvisiLED RGBWW LED tape light (Model T24-CC1), covering essential safety precautions, wiring options, mounting procedures, system diagrams, and troubleshooting tips for optimal performance.</p>
	<p>WAC Lighting InvisiLED Outdoor RGBWW LED Tape Light Installation Guide (T24-OD1-XX-CC)</p> <p>This document provides comprehensive installation instructions for the WAC Lighting InvisiLED Outdoor RGBWW LED tape light system, model T24-OD1-XX-CC. It covers essential safety precautions, wiring diagrams, power calculations, maximum run lengths, and various mounting and connection methods for outdoor use.</p>
	<p>WAC Mesh Gateway WH-GW1-WT Installation Instructions</p> <p>Installation instructions for the WAC Mesh Gateway WH-GW1-WT, including powering, configuration, and FCC compliance information.</p>
	<p>WAC RCUV-WT Smart Fan Remote Control Operation Instructions</p> <p>Comprehensive guide to operating the WAC RCUV-WT Smart Fan remote control, covering pairing, fan and light operation, breeze mode, UV auto-off, Wi-Fi settings, and troubleshooting.</p>
	<p>WAC Colorscaping Setup Guide: Installation, App Configuration, and Automation</p> <p>This WAC Colorscaping setup guide provides step-by-step instructions for installing and configuring smart landscape lighting systems. It details preliminary steps, app setup using the MyWAC app, managing user access (owner/admin accounts), and creating custom automations for your outdoor lighting.</p>

INSTALLATION INSTRUCTIONS

Model: MO-495 Vector LED Track Kit

WAC LIGHTING

Responsible Lighting®

SAFETY: Read and understand all instructions before attempting installation. Failure to follow instructions may result in property damage, personal injury, or death.

WARNING: This product is not to be used in wet or damp locations. Do not use in areas where the ambient temperature is below 32°F (0°C) or above 104°F (40°C).

CAUTION: Do not touch the LED chips or the heat sink. The LED chips and heat sink can become very hot during operation. Do not touch the LED chips or heat sink when the product is powered on.

INSTALLATION: The MO-495 Vector LED Track Kit is designed for surface mounting. It is not to be used in recessed or concealed locations. The kit includes all necessary hardware for installation.

WIRING: The MO-495 Vector LED Track Kit is designed for 120V AC, 60Hz, single-phase power. It is not to be used in commercial or industrial applications. The kit includes a wiring diagram and a wiring label for identification.

TESTING: After installation, test the product by turning the power on. The product should operate normally. If the product does not operate, check the wiring and the power source.

MAINTENANCE: The MO-495 Vector LED Track Kit is designed for long life. It does not require maintenance. Do not clean the product with water or cleaning solutions. Use a dry cloth to clean the product.

DISPOSAL: The MO-495 Vector LED Track Kit is designed for long life. It does not require disposal. Do not dispose of the product in the trash. Recycle the product if possible.

1. Mounting Bracket

2. Mounting Screws

3. Mounting Plate

4. Mounting Screws

5. Mounting Plate

6. Mounting Screws

7. Mounting Plate

8. Mounting Screws

© 2018 WAC Lighting Company. All rights reserved. WAC Lighting Company is a registered trademark of WAC Lighting Company. MO-495 is a registered trademark of WAC Lighting Company. Responsible Lighting® is a registered trademark of WAC Lighting Company.

WAC Lighting MO-495 Vector LED Track Kit Installation Instructions

Detailed installation instructions for the WAC Lighting MO-495 Vector LED Track Kit, covering safety precautions, hardware, preparation, and wiring.