

UIAHNE UIAHNE112

UIAHNE LED Strips Model UIAHNE112 - Instruction Manual

Model: UIAHNE112

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your UIAHNE LED Strips, model UIAHNE112. These strips are designed as replacement backlight components for various television models. Please read this manual thoroughly before attempting installation to ensure proper function and safety.

2. COMPATIBILITY

The UIAHNE LED Strips (Model UIAHNE112) are compatible with a range of television models. It is crucial to verify your TV's existing LED strip model number against the compatibility list below before purchase and installation.

Compatible Part Numbers and TV Models:

- LB40017 (V0_03, V0_05_38S, V1_05_38S)
- 17DLB40VXR1
- Cranker: CRTV40200TYPE REV11
- Digihome: 40273SMFHDLED, 40273SFVPT2FHD, 40273LEDFHD1080P, 40272SMT2FHDLED
- FINLUX: 40FLHYR274S, FF4030, 40-FFA-4110, 40-FFA-5500, 40FMD294B-P
- FUEGO: 40FG3305
- LT-40VF53B, TX-40C200E, 40L2863DG, D40F289N3CW, T40X280DLBP
- TE40282N25F1C10D, TE40282S25TXH, TE40282B34C2H, TE40282S25T2H, T40FX275DLBPX
- 40L2863DG, 40L3653DB, 40L1653DB
- VES400UNDS-2D-N11, VES400UNDS-2D-N12, VES400UNDS-2D-N14
- D40081330-078AS-M 400DRT VNB A TYPE REV11, 400DRT VNB B TYPE REV11

3. SETUP & INSTALLATION

Installation of these LED strips requires technical knowledge and careful handling of electronic components. If you are not comfortable performing this procedure, it is recommended to seek professional assistance.

3.1 Safety Precautions

- Always unplug the television from the power outlet before beginning any disassembly or installation.
- Discharge any residual static electricity from your body by touching a grounded metal object.
- Work in a clean, well-lit area.
- Use appropriate tools to avoid damaging the TV components.

3.2 Installation Steps

1. **Disassemble the TV:** Carefully remove the back panel of your television according to your TV's specific service manual. This usually involves removing screws and gently prying open clips.
2. **Access the Display Panel:** Once the back panel is off, you will need to carefully remove or lift the display panel and diffuser layers to expose the existing LED backlight strips. Be extremely cautious as the display panel is fragile.
3. **Remove Old LED Strips:** Disconnect the power connectors from the old LED strips. Gently peel off or unclip the old strips from the TV chassis. Note their orientation and placement.
4. **Install New UIAHNE LED Strips:**

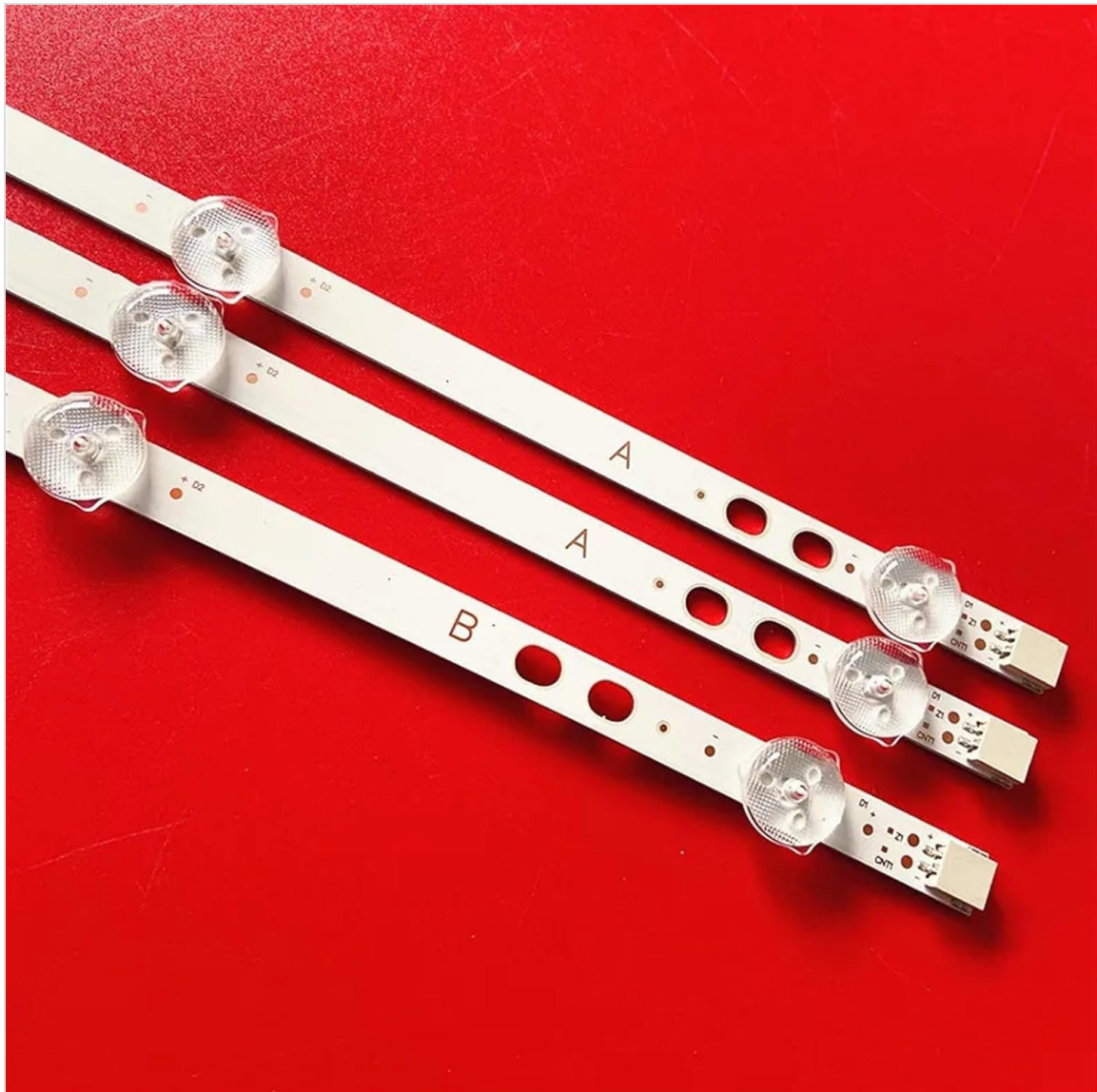


Figure 1: Front view of UIAHNE LED strips, showing the individual LED lenses and 'A' markings on two strips, and 'B' marking on one strip.



Figure 2: Back view of UIAHNE LED strips, displaying model numbers such as LB40017 V0_05(38S) and LB40017 V1_05_38S, which are crucial for compatibility verification.

Align the new UIAHNE LED strips in the exact positions where the old ones were removed. Ensure all connectors are securely attached. The strips may have adhesive backing; remove the protective film and press firmly to secure them. Pay attention to any 'A' or 'B' markings on the strips, as shown in Figure 1, which indicate their specific placement within the TV panel.

5. **Test Functionality:** Before fully reassembling, temporarily connect the TV to power and turn it on to verify that the new LED strips illuminate correctly and evenly. Immediately unplug the TV after testing.
6. **Reassemble the TV:** Carefully re-install the diffuser layers, display panel, and the TV's back panel, ensuring all screws and clips are properly secured.

4. OPERATION

The UIAHNE LED Strips function as internal backlight components for your television. Once correctly installed, they will operate automatically when the television is powered on, providing illumination for the display. These specific LED strips are **not dimmable** and do not feature independent remote control functionality; their operation is entirely controlled by the television's existing power and display systems.

5. MAINTENANCE

The UIAHNE LED Strips are designed for durability and require minimal maintenance once installed. To ensure

their longevity and the overall performance of your television:

- Keep the television in a clean, dust-free environment.
- Avoid exposing the television to extreme temperatures or humidity.
- Do not attempt to open the television or tamper with the LED strips after installation, as this can void warranties and cause damage.

6. TROUBLESHOOTING

If you encounter issues after installing the UIAHNE LED Strips, consider the following troubleshooting steps:

- **No Backlight:**
 - Ensure all power connectors to the LED strips are firmly seated.
 - Verify that the TV's power supply board is functioning correctly.
 - Check for any visible damage to the LED strips or their connections.
- **Flickering or Uneven Brightness:**
 - Re-check all connections for looseness.
 - Ensure the strips are properly aligned and secured within the TV chassis.
 - Confirm that the TV's main board is sending stable power to the backlight.
- **Partial Backlight:**
 - This often indicates a faulty connection or a damaged LED on one of the strips. Inspect each strip carefully.

If problems persist after performing these checks, it may indicate an issue with other TV components or require professional repair.

7. SPECIFICATIONS

Brand	UIAHNE
Model Number	UIAHNE112
Light Source	LED bulb
Product Type	Strip light (TV Backlight)
Power Supply	DC
Material	Aluminum
Dimmable	No
Number of Pieces	1 (typically sold as a set for a TV)
Item Weight	1.76 ounces (50 Grams)
Package Dimensions	1.18 x 0.79 x 0.39 inches
Assembly Required	No (refers to the strip itself, not the TV installation)

8. WARRANTY & SUPPORT

For information regarding warranty coverage or technical support for your UIAHNE LED Strips, please refer to the purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.