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> TCETVMVXR LED Backlight Strip Installation Guide for XIAOMI L32M5-5ARU, L32M5-5ASP, 32S325LABA, 32ES560, TCL TV32D05-ZC22AG-17E, TV32D05-ZC22AG-13

TCETVMVXR L32M5-5ARU, L32M5-5ASP, 32S325LABA, 32ES560, TV32D05-ZC22AG-17E, TV32D05-ZC22AG-13

TCETVMVXR LED Backlight Strip Installation Guide

For XIAOMI L32M5-5ARU, L32M5-5ASP, 32S325LABA, 32ES560, TCL TV32D05-ZC22AG-17E, TV32D05-ZC22AG-13

INTRODUCTION

This document provides detailed instructions for the installation and maintenance of the TCETVMVXR LED backlight strip kit. This kit is designed as a replacement part for specific 32-inch television models, restoring proper display illumination. Please read all instructions carefully before proceeding with installation.

SAFETY INFORMATION

- Always disconnect the television from the power outlet before beginning any repair or installation work.
- Exercise caution when handling electronic components. Static electricity can damage sensitive parts. Consider using an anti-static wrist strap.
- The television screen is fragile. Handle it with extreme care to prevent damage.
- If you are unsure about any step, consult a qualified technician.

PACKAGE CONTENTS

The TCETVMVXR LED Backlight Strip kit for one TV typically includes:

- 2 x LED Backlight Strips (5 LEDs, 6V each, 560mm length)

Note: The number of pieces may vary based on the specific kit purchased (e.g., 4pcs for 2 TVs, 10pcs for 5 TVs). This manual refers to the "Kit 2pcs for 1 Tv" variant.

COMPATIBILITY

These LED backlight strips are compatible with the following 32-inch television models:

- XIAOMI L32M5-5ARU

- XIAOMI L32M5-5ASP
- 32S325LABA
- 32ES560
- TCL TV32D05-ZC22AG-17E
- TCL TV32D05-ZC22AG-13

Important: Before purchasing or installing, it is crucial to open your television and verify the part numbers and physical appearance of your existing LED backlight strips against the images and specifications provided in this manual. The strips should match the models **TCL32D05-ZC22AG-17E** or **TCL32D05-ZC22AG-13**, and have 5 LEDs per strip, each 6V, with a total length of approximately 560mm.

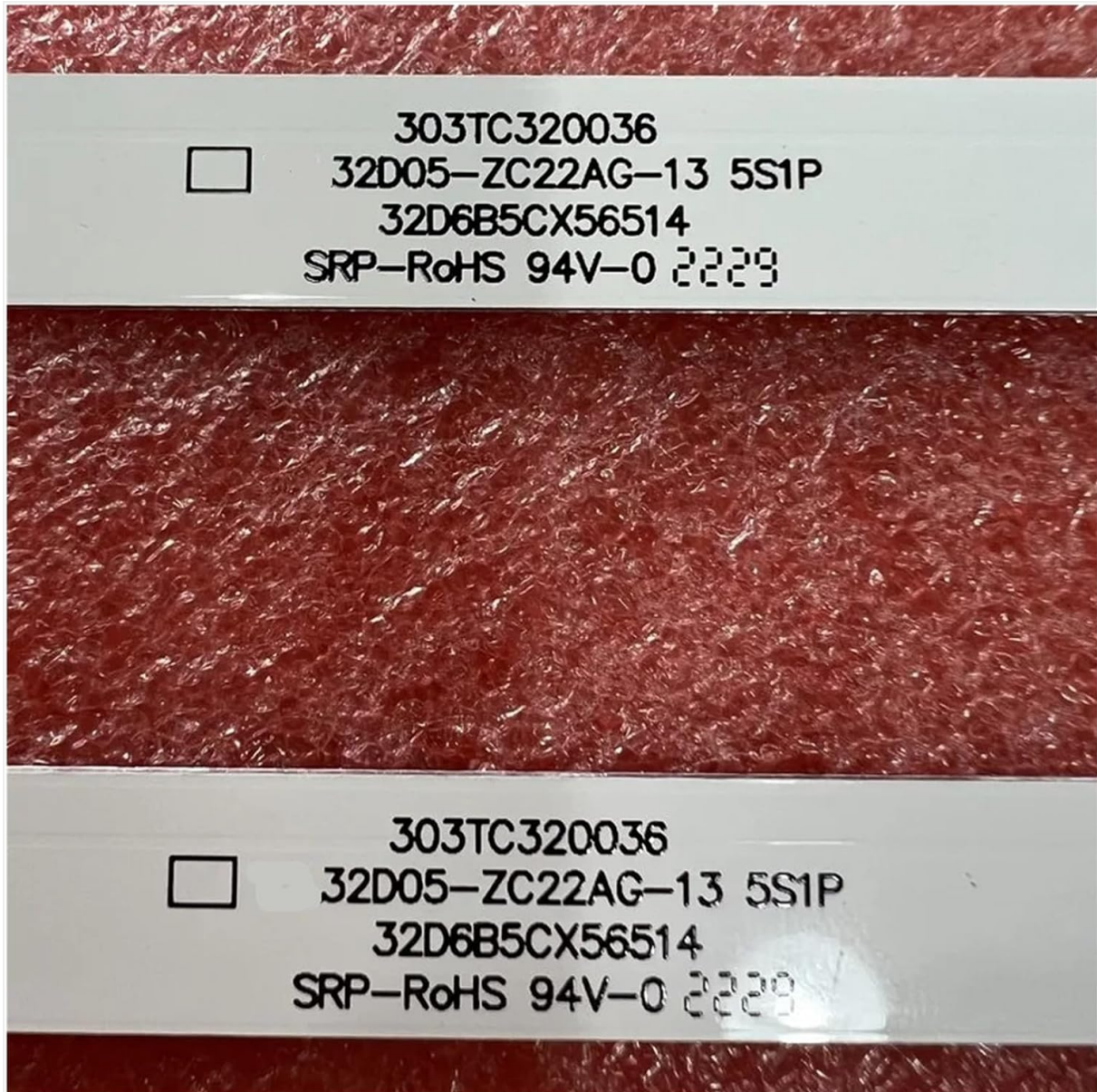


Image: Close-up view of the LED backlight strip showing part numbers 303TC320036, 32D05-ZC22AG-13 5S1P, and 32D6B5CX56514. This image helps verify compatibility with existing strips.

SETUP: INSTALLATION INSTRUCTIONS

Replacing LED backlight strips requires careful disassembly and reassembly of your television. Proceed with caution.

1. **Prepare the Work Area:** Lay the TV face down on a soft, clean, and flat surface to prevent scratches to the screen. Ensure you have adequate lighting and space.

2. **Disconnect Power:** Unplug the television from the wall outlet.
3. **Remove the Back Cover:** Carefully unscrew and remove the back panel of the television. Keep track of all screws, noting their locations if they vary in size.
4. **Access the Display Panel:** This step involves removing various internal components, including circuit boards, speakers, and metal shielding, to gain access to the display panel. Document connections and screw locations with photos if necessary.
5. **Remove the TV Screen:** With extreme care, detach and lift the LCD/LED panel from the TV frame. This is the most delicate part of the process. It is recommended to have a second person assist with this step. Place the screen face down on a clean, soft surface.
6. **Remove Diffuser Layers:** Beneath the screen, there are several plastic diffuser sheets. Carefully remove these layers, noting their order and orientation.
7. **Remove Old Backlight Strips:** Locate the old LED backlight strips. They are usually adhered to the metal chassis. Gently pry them off, disconnecting any power cables.
8. **Install New Backlight Strips:**
 - Peel off the protective backing from the adhesive on the new TCETVMVXR LED backlight strips.
 - Carefully align and press the new strips into position on the metal chassis. Ensure they are securely seated and properly connected to the power connectors.

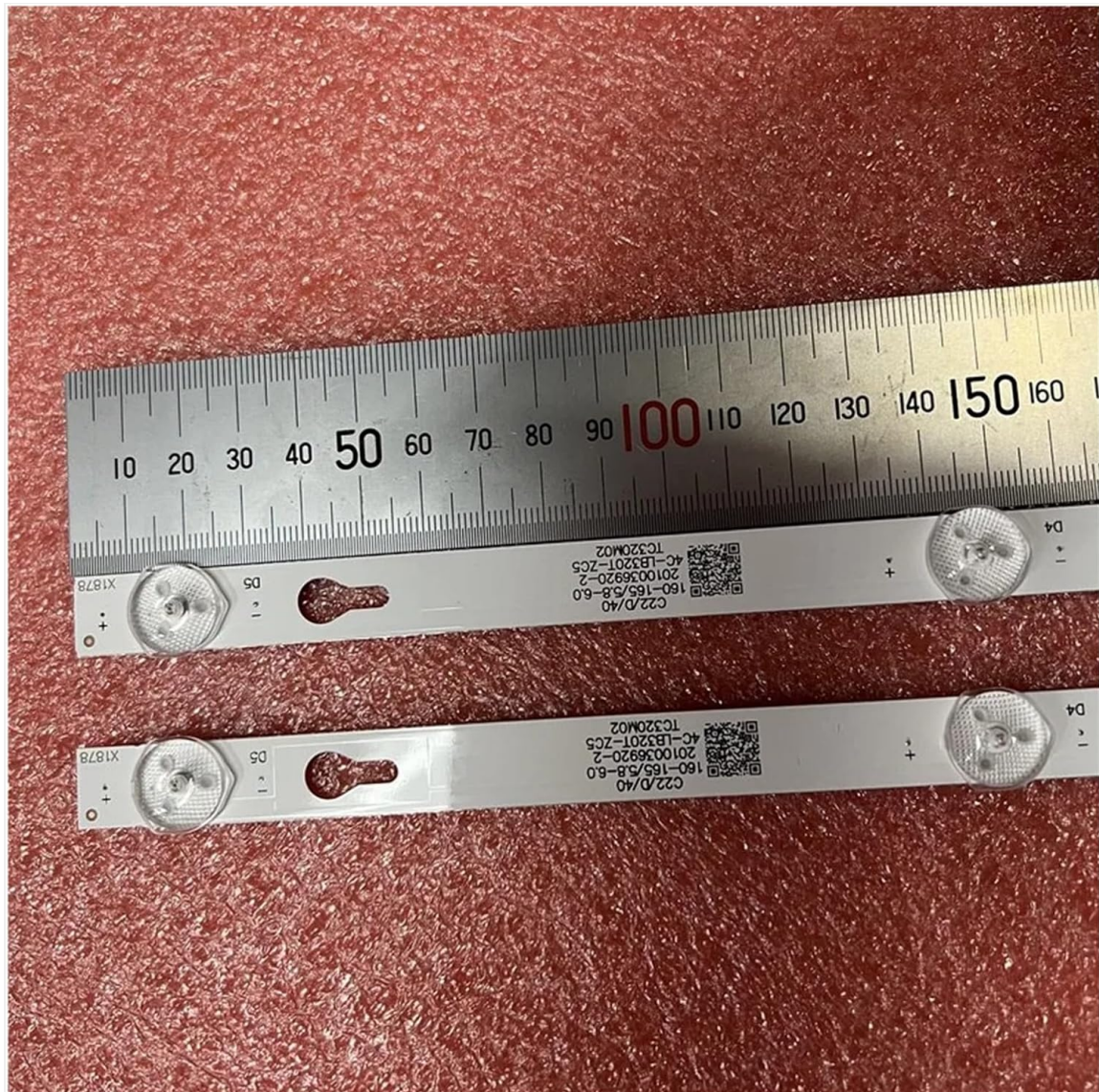


Image: One end of the LED backlight strip, measured against a ruler, showing the initial section up to 160mm. This helps confirm the physical dimensions.

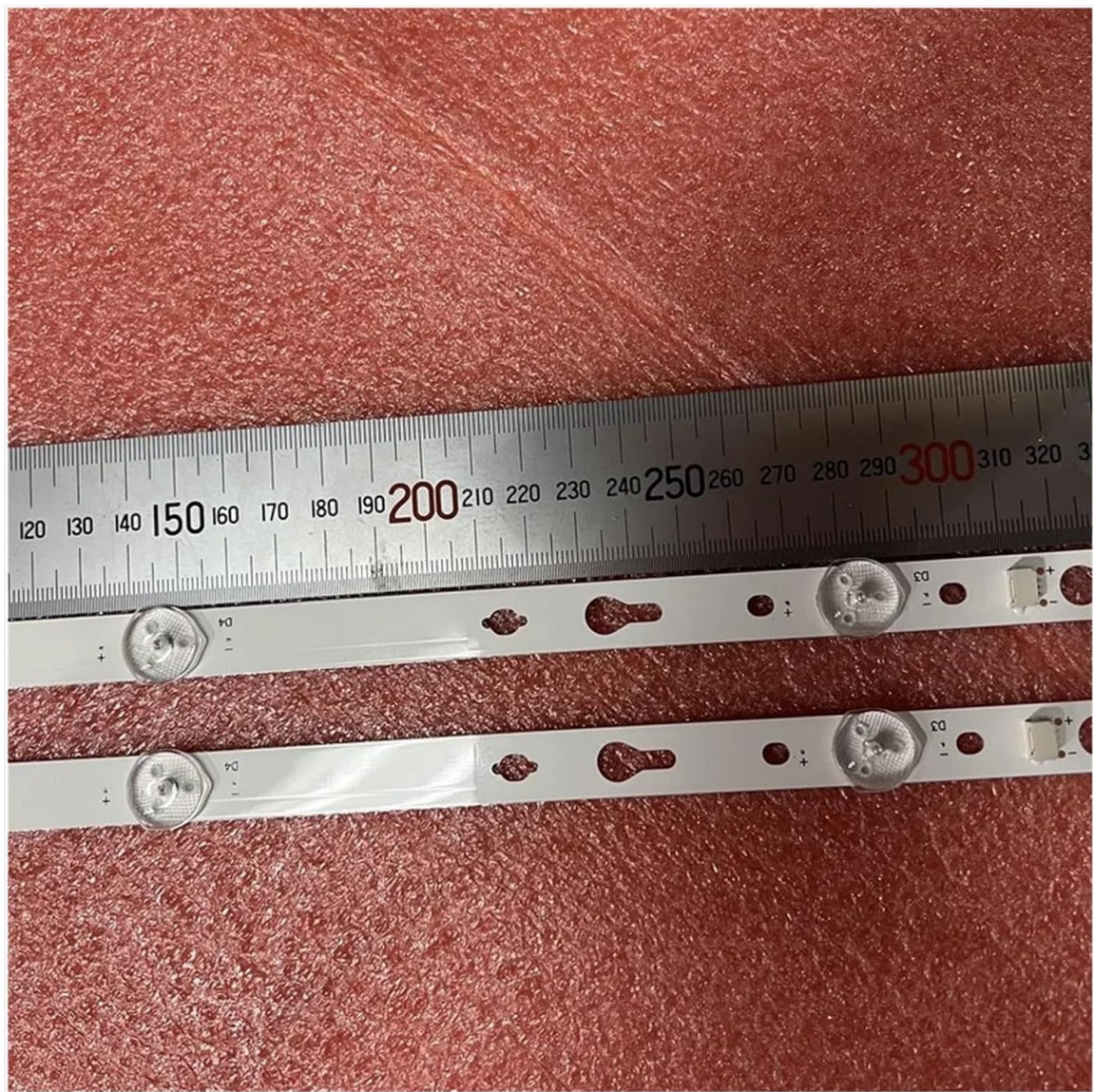


Image: A central section of the LED backlight strip, measured against a ruler, showing the length from 120mm to 320mm. This provides further dimensional reference.

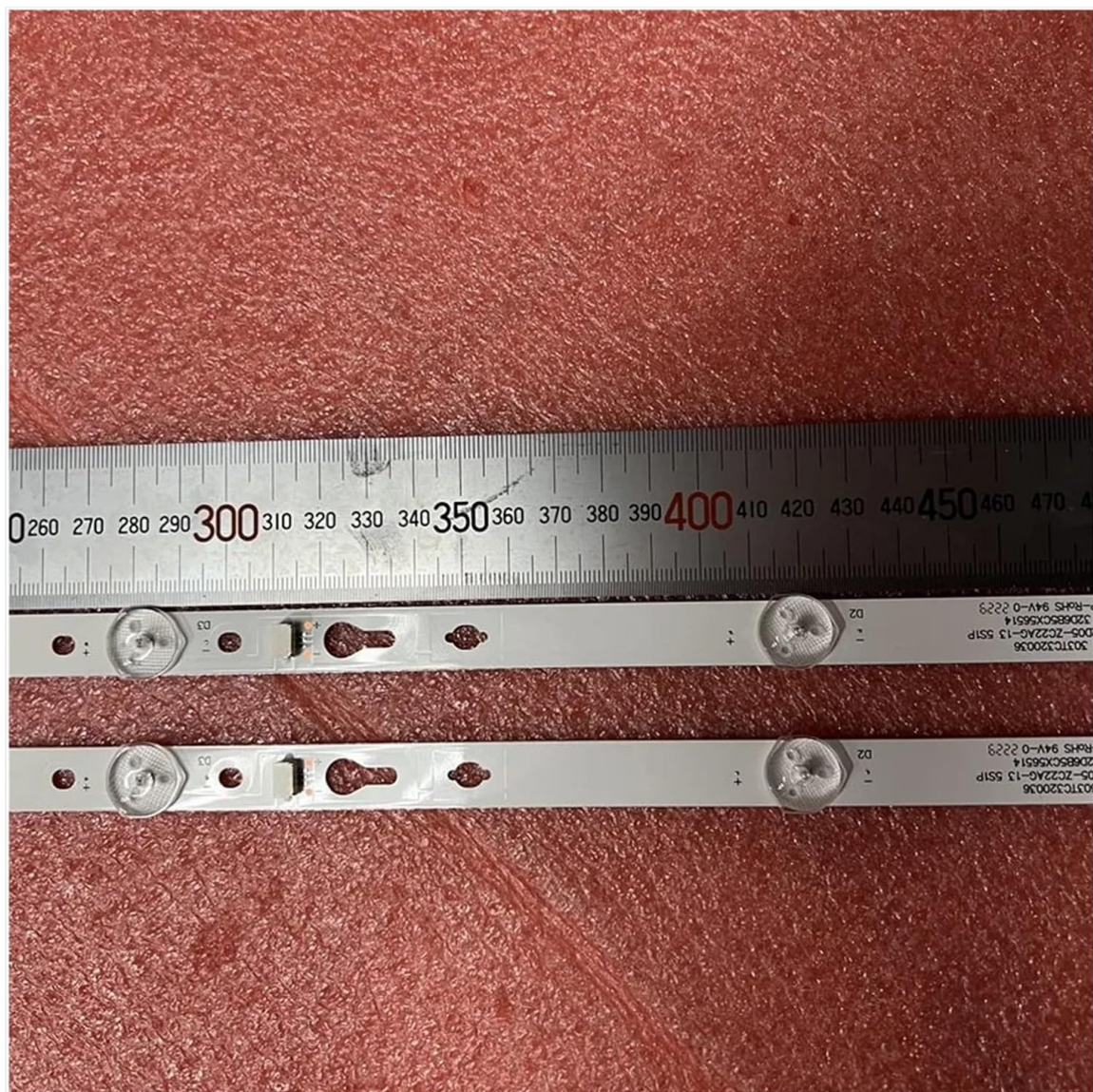


Image: Another central section of the LED backlight strip, measured against a ruler, showing the length from 260mm to 470mm. This confirms the overall length.



Image: The other end of the LED backlight strip, measured against a ruler, showing the final section up to 590mm, confirming the approximate 560mm total length.

9. **Reassemble Diffuser Layers:** Carefully place the diffuser sheets back in their original order and orientation.
10. **Reinstall TV Screen:** Gently place the LCD/LED panel back into the TV frame. Ensure it is properly seated and aligned.
11. **Reassemble Components:** Reinstall all internal components, circuit boards, and shielding, ensuring all cables are reconnected correctly.
12. **Replace Back Cover:** Secure the back panel of the television with all screws.
13. **Test:** Plug the television back into the power outlet and power it on to verify that the backlight is functioning correctly.

OPERATING INSTRUCTIONS

Once properly installed, the TCETVMVXR LED backlight strips operate automatically as an integral part of your television's display system. No specific user operation is required for the backlight strips themselves. The television's power and brightness controls will manage the backlight functionality.

MAINTENANCE

The TCETVMVXR LED backlight strips are designed for long-term, maintenance-free operation. No routine user maintenance is required. If issues arise, refer to the Troubleshooting section.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No backlight / Dark screen	Loose connection to backlight strips. Incorrectly installed strips. Damaged new strips. Other TV component failure (e.g., power supply board).	Re-open TV and check all connections to the backlight strips. Verify strips are correctly seated and aligned. Ensure compatibility with your TV model. If problem persists, consult a professional technician.
Flickering backlight	Loose connection. Faulty strip or LED. Power supply issue.	Check all connections. Ensure strips are fully compatible. If flickering continues, professional diagnosis may be required.
Uneven brightness / Dark spots	Diffuser layers incorrectly reassembled. Damaged LED on a strip.	Re-open TV and verify the correct placement and orientation of all diffuser layers. Inspect LED strips for any visible damage.

SPECIFICATIONS

- **Brand:** TCETVMVXR
- **Compatible TV Models:** XIAOMI L32M5-5ARU, L32M5-5ASP, 32S325LABA, 32ES560, TCL TV32D05-ZC22AG-17E, TV32D05-ZC22AG-13
- **Part Numbers:** TCL32D05-ZC22AG-17E, TCL32D05-ZC22AG-13 (also 303TC320036, 32D05-ZC22AG-13 5S1P, 32D6B5CX56514)
- **LED Configuration:** 5 LEDs per strip, 6V per LED
- **Strip Length:** Approximately 560mm
- **Kit Contents:** 2 pieces for 1 TV (standard kit)
- **Item Weight:** 1.76 ounces (50 Grams)
- **Package Dimensions:** 1.18 x 0.79 x 0.39 inches
- **Assembly Required:** No (for the strips themselves, but TV disassembly/reassembly is required)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your TCETVMVXR LED backlight strips, please refer to the seller or manufacturer's contact information provided at the point of purchase. Keep your purchase receipt as proof of purchase.