

UFDIPLMY UFDIPLMY

UFDIPLMY Replacement LED Backlight Strip for TCL 32-inch TVs

Brand: UFDIPLMY

1. INTRODUCTION

This document serves as an instruction manual for the UFDIPLMY replacement LED backlight strip, designed for various TCL 32-inch television models. This product is intended to replace a faulty or worn-out backlight strip, restoring proper illumination to your TV display. Please read these instructions carefully before installation.

Compatible TCL 32-inch TV Models: Y32A480G, B32A380, B32E650, L32F2800A, LED32M3620, LE32D99, L32F1600B, L32F1670B, L32B2810, L32F3301B, 32H100, LE32M20.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Replacing TV backlight strips requires technical knowledge and experience with electronics. If you are not comfortable with electronic repairs, it is highly recommended to seek assistance from a qualified technician.
- **Disconnect Power:** Always ensure the television is completely unplugged from the power outlet before beginning any installation or repair work.
- **Handle with Care:** LED strips are delicate. Avoid bending, twisting, or applying excessive force during handling and installation.
- **Static Electricity:** Take precautions against electrostatic discharge (ESD) which can damage electronic components. Use an anti-static wrist strap if available.

3. PACKAGE CONTENTS

- 1 x UFDIPLMY LED Backlight Strip

4. SETUP AND INSTALLATION

The installation of this LED backlight strip involves disassembling the television panel. Refer to your specific TV model's service manual for detailed disassembly instructions. The following steps provide a general overview:

1. **Prepare Workspace:** Ensure a clean, well-lit, and spacious work area. Lay down a soft, clean cloth to protect the TV screen.
2. **Disassemble TV:** Carefully remove the TV's back cover, stand, and any internal components necessary to access the display panel.
3. **Remove Display Panel:** With extreme caution, detach and safely store the LCD/LED display panel. This is the most fragile part of the TV.
4. **Access Backlight Assembly:** Locate the existing backlight strips. They are typically found beneath diffuser sheets.
5. **Identify and Remove Old Strip:** Compare the old strip with the new UFDIPLMY replacement strip to ensure compatibility. Note any part numbers on the old strip and compare them with the markings on the new strip (see images below). Carefully disconnect the power connector and remove the old strip.
6. **Install New Strip:** Position the new UFDIPLMY LED backlight strip in the correct location. Ensure it is securely seated and aligned. Connect the power connector firmly.
7. **Test Backlight:** Before reassembling the entire TV, temporarily connect the power supply and turn on the TV to verify that the new backlight strip illuminates correctly and evenly. Immediately disconnect power after testing.
8. **Reassemble TV:** Carefully reassemble the TV in reverse order of disassembly, ensuring all cables are properly connected and no components are pinched.

32"



100% new 590mm

The complete LED backlight strip, indicating its 32-inch compatibility and a length of 590mm. This helps confirm the correct part for your television model.



Detailed view of the LED strip's identification markings, including part numbers M3209BA-V25107-00034C and 4C-LB320T-HQ9. These numbers are crucial for verifying compatibility with your TV's original backlight.



Another detailed view of the LED strip's identification markings, showing part numbers such as OEM32LB16-LED3030-V0.6 and 32HR331M08A3 V2. These markings assist in confirming the correct replacement part.



A close-up image of the electrical connector on the LED backlight strip, labeled P1, with positive (+), negative (-), and No Connection (NC) pins, along with the number 75003. This connector is used to supply power to the LED strip.



A magnified view of an individual LED lens on the backlight strip, showing its design for light diffusion. This component is responsible for illuminating the TV screen.

5. OPERATING INSTRUCTIONS

Once the UFDIPLMY LED backlight strip is correctly installed and the television is fully reassembled, it will operate automatically with your television's power system. There are no user-adjustable settings or specific operating procedures for the backlight strip itself.

6. MAINTENANCE

The UFDIPLMY LED backlight strip is designed for long-term, maintenance-free operation. No specific user maintenance is required for the strip itself. To ensure its longevity:

- Avoid exposing the television to extreme temperatures or humidity.
- Prevent physical impact or pressure on the TV screen, which could damage the internal components, including the backlight.

7. TROUBLESHOOTING

If you encounter issues after installing the replacement LED backlight strip, consider the following:

- **No Light or Partial Light:**
 - Ensure all connectors are securely attached.
 - Verify that the replacement strip is the correct model for your TV.
 - Check for any visible damage to the strip or its connections.
 - Consult your TV's service manual for specific diagnostic steps related to backlight issues.
- **Uneven Brightness:**
 - Recheck the installation to ensure the strip is properly seated and aligned within the TV's backlight assembly.
 - Ensure diffuser sheets are correctly placed over the LEDs.

If problems persist, it is advisable to consult a professional television repair technician.

8. SPECIFICATIONS

Product Type	LED Backlight Strip
Brand	UFDIPLMY
Compatible TV Size	32 inches
Length	590mm (approximate)
Item Weight	1.76 ounces (approximate)
Package Dimensions	1.18 x 0.79 x 0.39 inches (approximate)
Assembly Required	No (component for assembly)
Key Features	Long service life (over 100,000 hours), energy efficient, environmentally friendly.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your UFDIPLMY LED backlight strip, please contact the seller or manufacturer directly through the platform where the purchase was made. Provide your order details and any relevant product identification numbers for faster assistance.