

## GuuYebe XBR-65X850D

# GuuYebe XBR-65X850D LED Backlight Strip TV Replacement Part User Manual

Model: XBR-65X850D

## 1. INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your GuuYebe XBR-65X850D LED Backlight Strip TV Replacement Part. Please read these instructions carefully before proceeding with installation to ensure proper function and safety.

## 2. SAFETY INFORMATION

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Working with television components requires caution. Always disconnect the TV from the power source before beginning any installation or repair work. If you are unsure about any step, consult a qualified technician. Handle LED strips carefully to avoid bending or damaging the components.

## 3. PRODUCT OVERVIEW

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The GuuYebe XBR-65X850D LED Backlight Strip is designed as a direct replacement for 65-inch TVs, specifically compatible with the XBR-65X850D model. Each set includes two LED strips, each measuring 28.26 inches (718mm) in length and featuring 72 LED beads, with each LED operating at 6V. The strips come with pre-applied double-sided adhesive for ease of installation.



Figure 3.1: Overview of the two LED backlight strips included in the package.

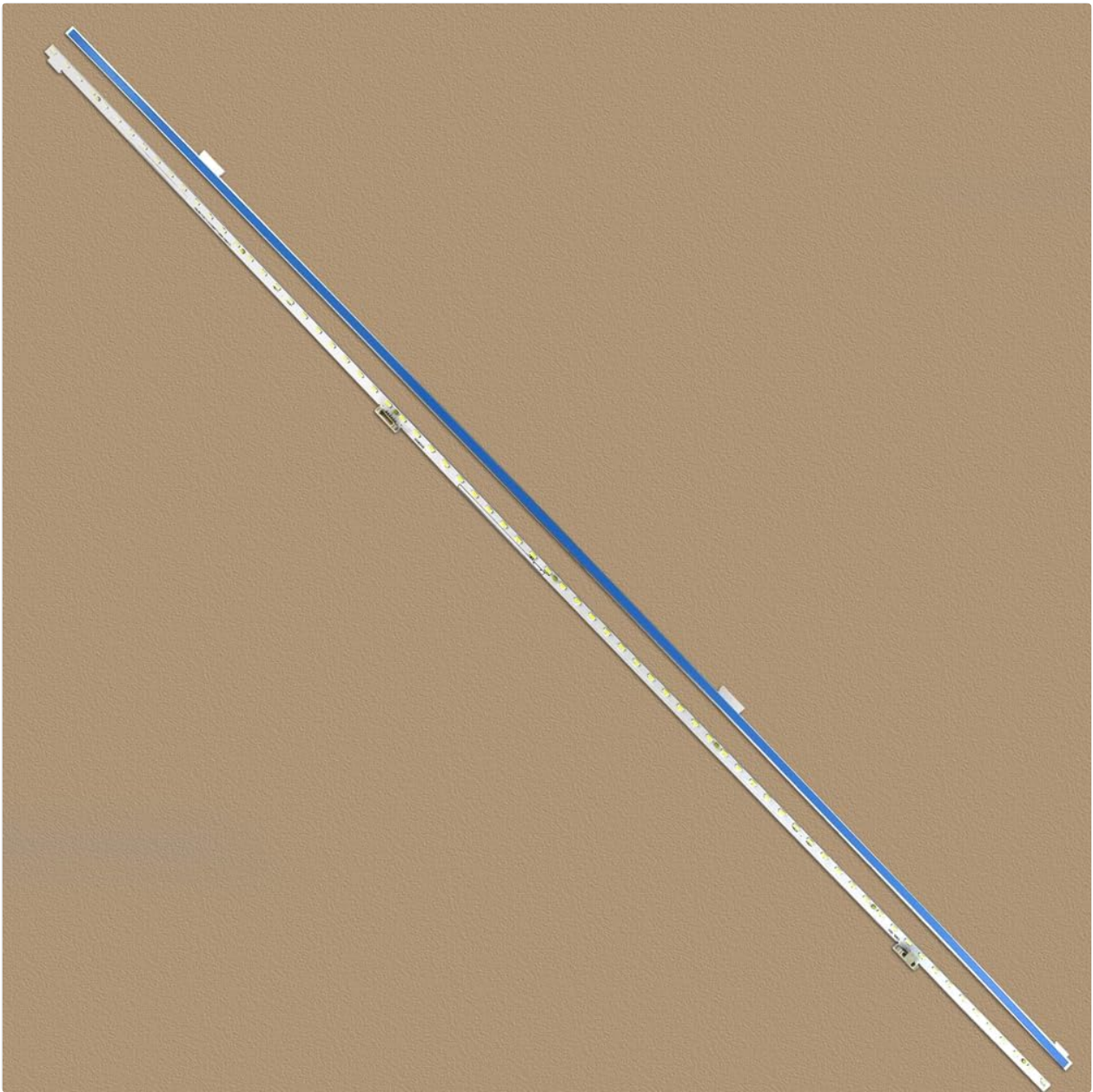


Figure 3.2: The LED strip showing the blue protective film over the adhesive backing.



Figure 3.3: Detail of the electrical connectors on the LED backlight strip.

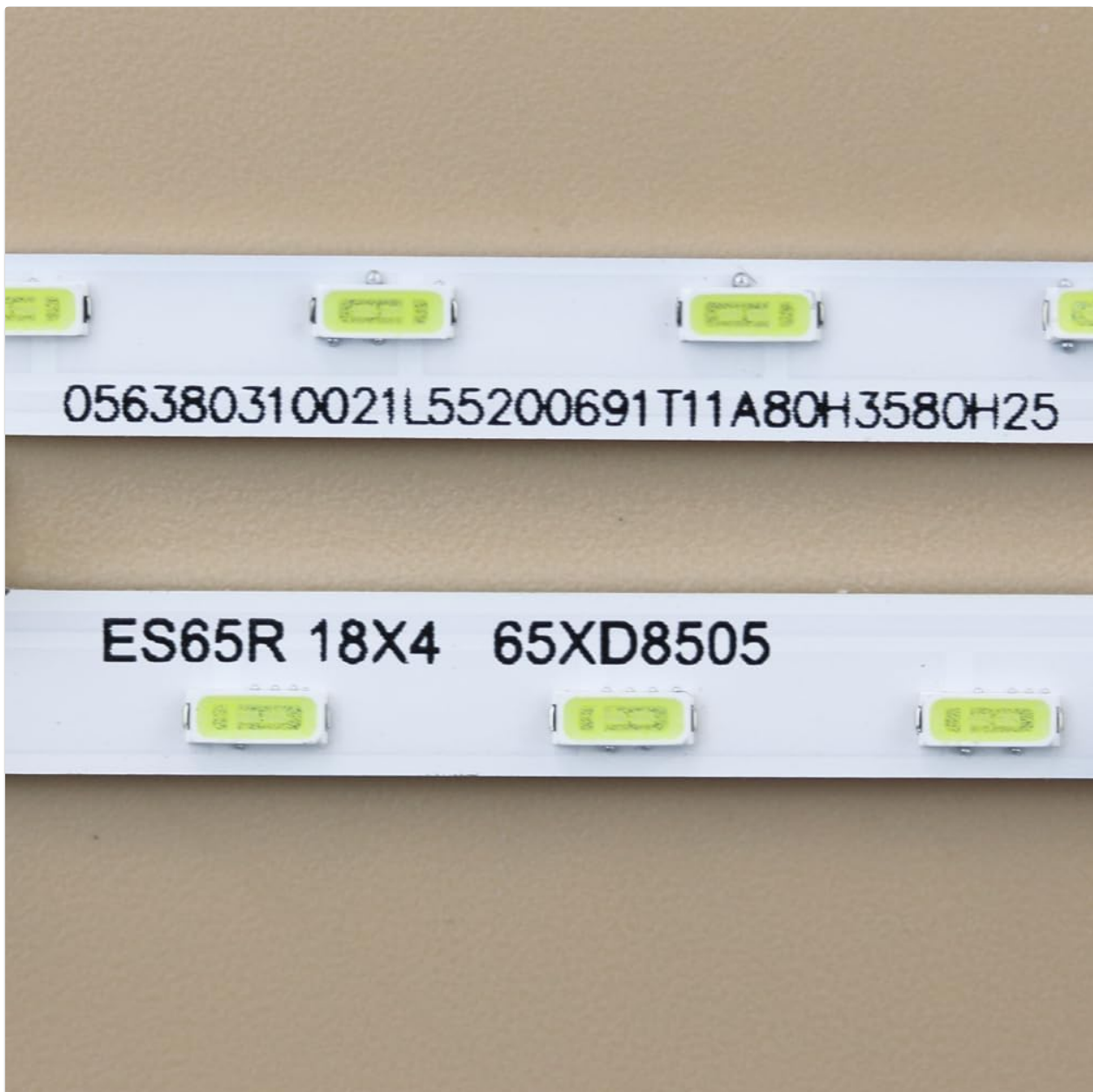


Figure 3.4: Close-up view of individual LED beads and identifying part numbers on the strip.

## 4. SETUP AND INSTALLATION

Installation of LED backlight strips requires careful disassembly and reassembly of the television. It is recommended to consult a service manual for your specific TV model (XBR-65X850D) for detailed disassembly instructions.

1. **Preparation:** Ensure the television is unplugged from all power sources. Lay the TV face down on a soft, clean surface to prevent screen damage.
2. **Disassembly:** Carefully remove the TV back cover, internal components, and the LCD panel to access the existing backlight strips. Document each step and keep screws organized.
3. **Remove Old Strips:** Gently detach the old LED backlight strips. Note their orientation and connection points.
4. **Install New Strips:** Peel off the blue protective film from the double-sided adhesive on the back of the new GuuYebe LED strips. Align the new strips precisely in the designated channels within the TV panel. Press firmly along the length of the strips to ensure secure adhesion.
5. **Connect:** Connect the electrical connectors of the new LED strips to the corresponding ports on the

TV's power board.

6. **Test (Optional but Recommended):** Before reassembling the entire TV, temporarily connect the power and perform a brief test to ensure the new backlight strips illuminate correctly. Disconnect power after testing.
7. **Reassembly:** Carefully reassemble the TV by reversing the disassembly steps. Ensure all cables are properly connected and secured, and no components are pinched.

Your browser does not support the video tag.

Video 4.1: This video demonstrates the unboxing, removal of protective film, and basic testing of the LED backlight strips. It provides visual guidance for handling the product during installation.

## 5. OPERATING

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Once correctly installed, the LED backlight strips operate automatically as part of your television's display system. They provide the necessary illumination for the LCD panel to produce an image. No user interaction is required for their operation beyond the normal use of the television.

## 6. MAINTENANCE

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The GuuYebe LED backlight strips are designed for long operating life, typically exceeding 100,000 hours. They are maintenance-free under normal operating conditions. Avoid exposing the strips to excessive heat or moisture. Do not attempt to clean the individual LED beads with liquids or abrasive materials.

## 7. TROUBLESHOOTING

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If your television experiences issues after installing the new backlight strips, consider the following troubleshooting steps:

- **No Backlight:** Ensure all electrical connectors are securely seated. Verify that the TV's power board is functioning correctly.
- **Uneven Brightness/Dark Spots:** Check if the LED strips are properly aligned and adhered. Ensure no foreign objects are between the strips and the diffuser layers.
- **Flickering:** This could indicate a loose connection or a faulty power supply to the backlight. Recheck connections.
- **Individual LEDs Not Lighting:** While rare for new strips, if an individual LED is not working, the entire strip may need replacement.

For advanced diagnostics, a multimeter can be used to test the voltage across the LED beads, as shown in the product video (refer to Video 4.1, timestamp 0:32 for a demonstration of testing LED strips).

## 8. SPECIFICATIONS

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Feature	Detail
Model Number	XBR-65X850D
Part Number	XBR-65X850D-LED-BAR
Length	28.26 inches (718mm)

Feature	Detail
Number of LED Beads per Strip	72 LEDs
LED Lamp Voltage	6V
Brightness	Up to 700 nits
Operating Life	Typically over 100,000 hours
Included Components	2 LED strips, Double-sided adhesive paper
Material	Plastic
Color	Bright white

## 9. WARRANTY AND SUPPORT

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For information regarding product warranty or technical support, please refer to the official GuuYebe store or contact their customer service directly. Additional protection plans may be available for purchase through authorized retailers.

Visit the [GuuYebe Store](#) for more products and support.