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› GuuYebe 55UP80 LED Backlight Strip TV Replacement Part User Manual

GuuYebe 55UP80

GuuYebe 55UP80 LED Backlight Strip TV Replacement Part User Manual

Brand: GuuYebe | Model: 55UP80

1. PRODUCT OVERVIEW

This product is a full set of 7 LED backlight strips designed as a replacement part for various 55-inch TV models, including 55UP80, 55UP8000PUA, 55UP7670PUC, 55UP8000PUR, and 55UQ9000PUD. Each strip measures approximately 24.09 inches (612mm) in length and contains 6 LED beads, with each LED lamp operating at 3V.

The backlight strips are manufactured with high-quality aluminum material, ensuring durability and efficient heat dissipation. They are designed for long operating life, typically lasting over 100,000 hours, and provide high brightness up to 700 nits. This replacement part is environmentally friendly and easy to install, offering a reliable solution for restoring your TV's backlight functionality.

The specific part numbers associated with these strips are EAV65010301, EAV65018401, EAV65041601, and EAJ65799706. The board numbers include SSC_Y21_SLIM_TRIDENT_55UP80_BOE and NC550TQG-VCKH5.

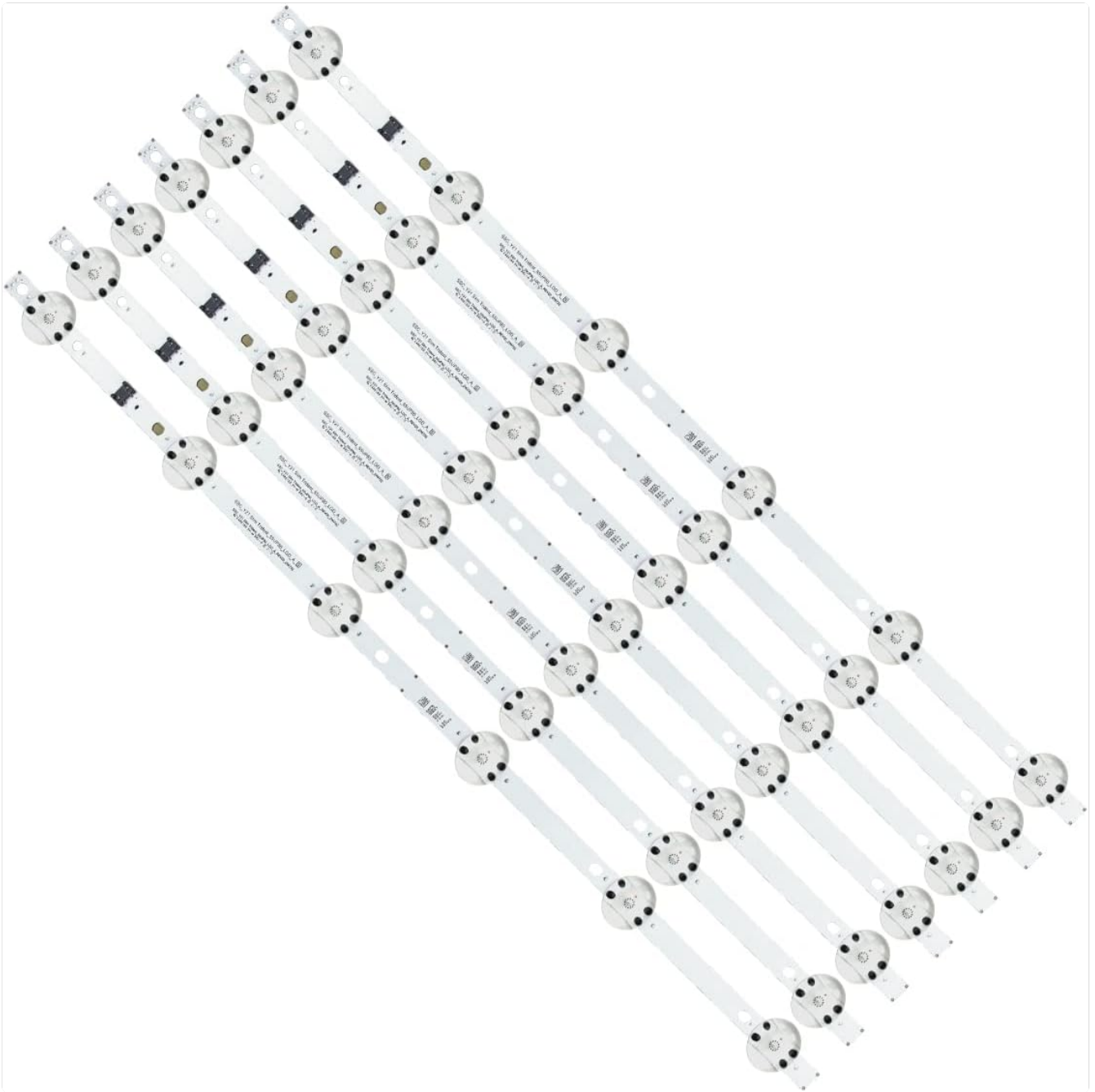


Image 1.1: A complete set of seven GuuYebe LED backlight strips, ready for installation. These strips are designed to replace faulty backlights in compatible 55-inch TV models.

2. PACKAGE CONTENTS

Upon opening the package, you will find the following items:

- 7 x GuuYebe LED Backlight Strips (each 24.09 inches / 612mm long, with 6 LEDs)

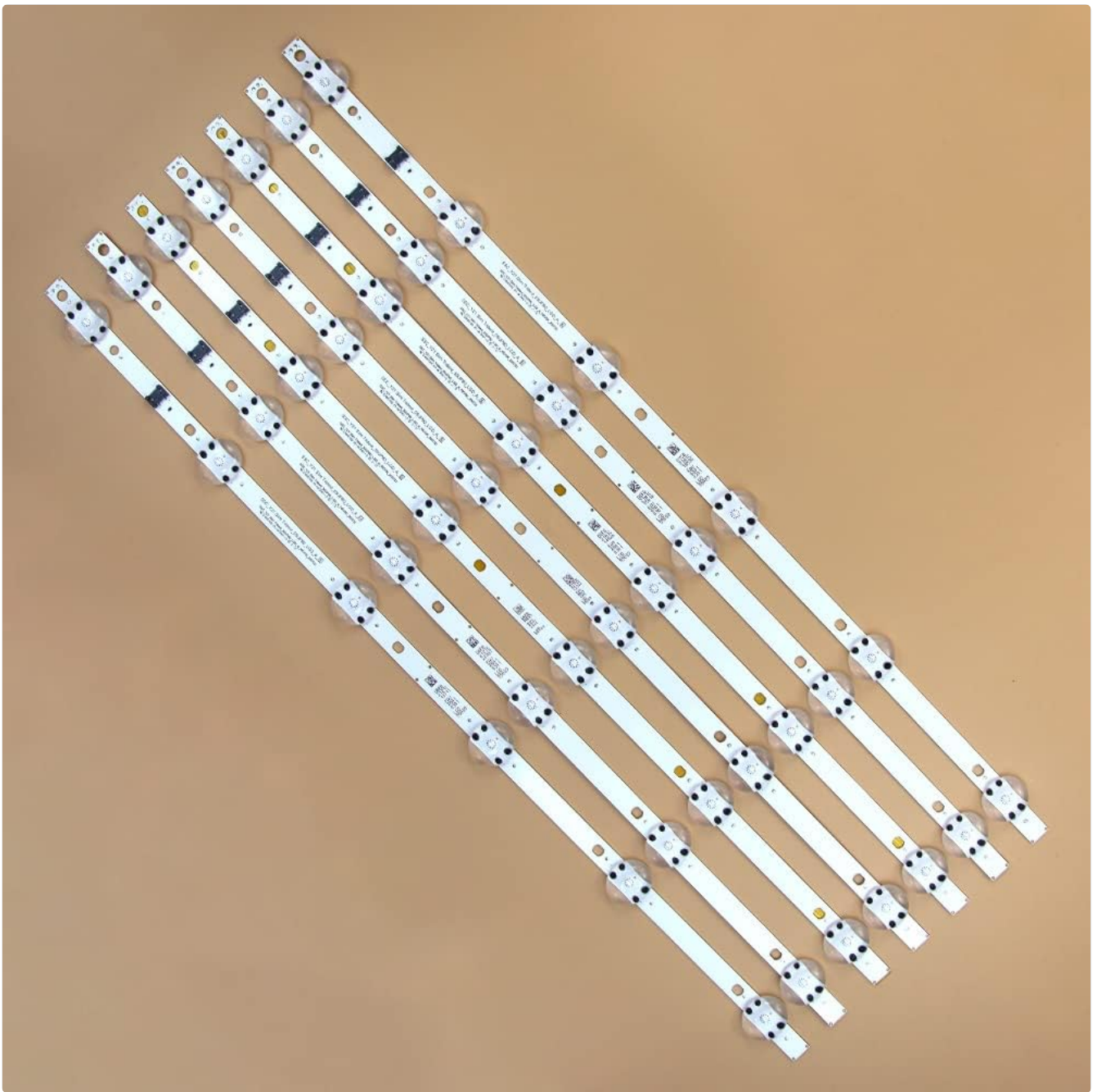


Image 2.1: The seven LED backlight strips as they appear when removed from packaging, showcasing their individual design and layout.

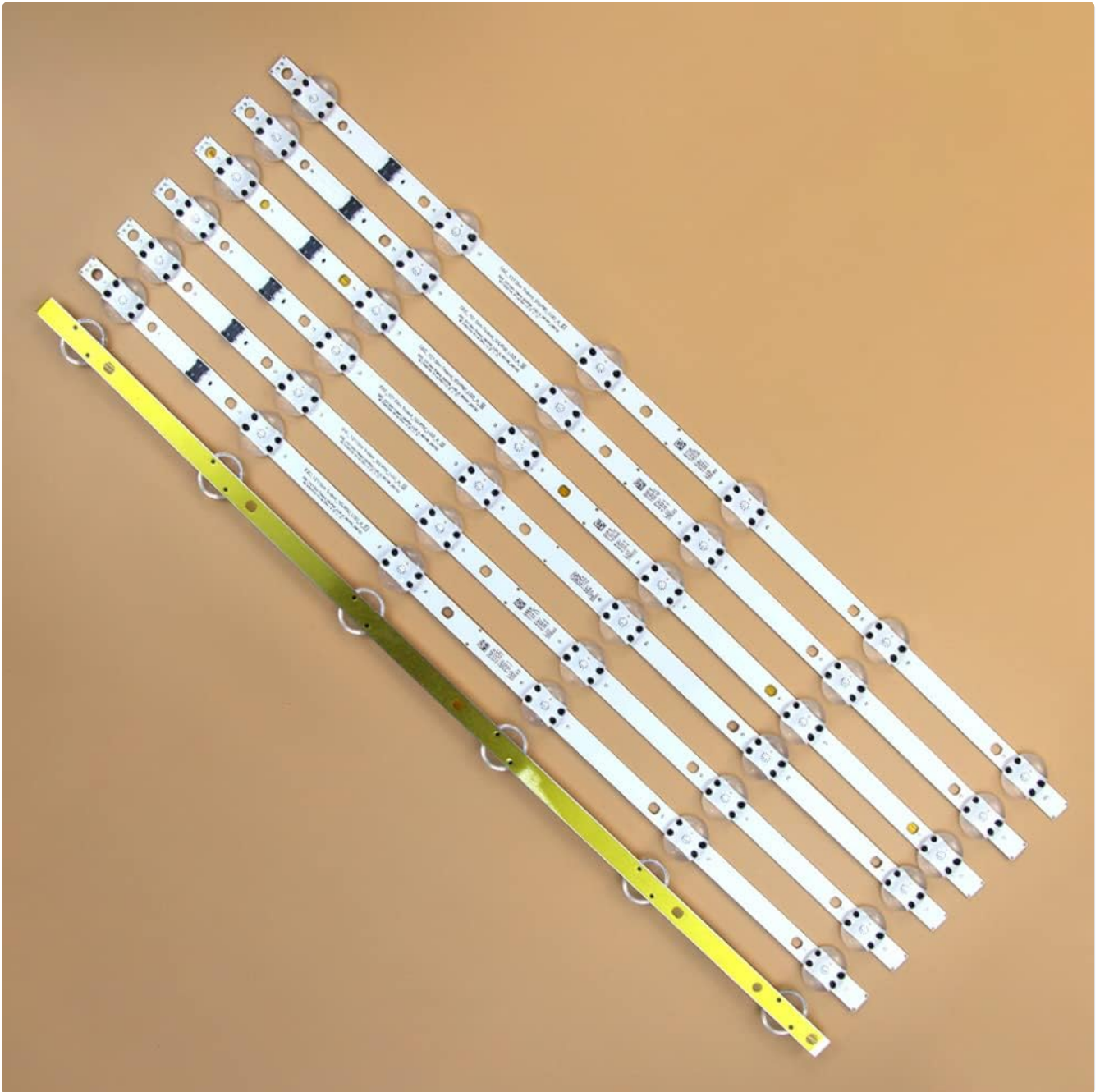


Image 2.2: A view of the backlight strips, with one strip showing a yellow protective film on its adhesive backing, which needs to be removed before installation.

3. SETUP AND INSTALLATION

Replacing TV backlight strips requires technical knowledge and careful handling of electronic components. It is highly recommended that this procedure be performed by a qualified technician. Improper installation can lead to damage to the TV or personal injury.

Safety Precautions:

- Always unplug the TV from the power outlet before beginning any repair work.
- Discharge any residual power by holding the power button for a few seconds after unplugging.
- Wear anti-static gloves to prevent electrostatic discharge (ESD) damage to sensitive electronic components.
- Work in a clean, well-lit, and organized environment.

- Handle the TV panel and internal components with extreme care to avoid breakage or damage.

General Installation Steps (Consult a professional or detailed TV-specific guide):

1. **Disassembly:** Carefully remove the TV's back cover, stand, and any other components necessary to access the display panel.
2. **Panel Removal:** Gently detach and remove the LCD panel and diffuser layers. This step is critical and requires extreme caution to prevent damage.
3. **Old Strip Removal:** Locate the old LED backlight strips. Disconnect their power connectors and carefully peel them off the TV chassis. Note their exact positioning.
4. **New Strip Installation:** Align the new GuuYebe LED backlight strips in the exact positions of the old ones. Ensure the connectors match. The strips have adhesive backing; remove the protective film and firmly press them into place.
5. **Connection:** Connect the power cables of the new LED strips to the corresponding ports on the TV's power board.
6. **Testing:** Before reassembling the TV, temporarily connect the power cord and power on the TV to verify that the new backlight strips illuminate correctly and evenly. Immediately unplug the TV after testing.
7. **Reassembly:** Carefully reassemble the diffuser layers, LCD panel, and TV casing in reverse order of disassembly. Ensure all screws are tightened appropriately and no cables are pinched.

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Video 3.1: An official GuuYebe video demonstrating the unboxing, inspection, and basic functionality test of the LED backlight strips. This video highlights the product's packaging and shows the strips illuminating.

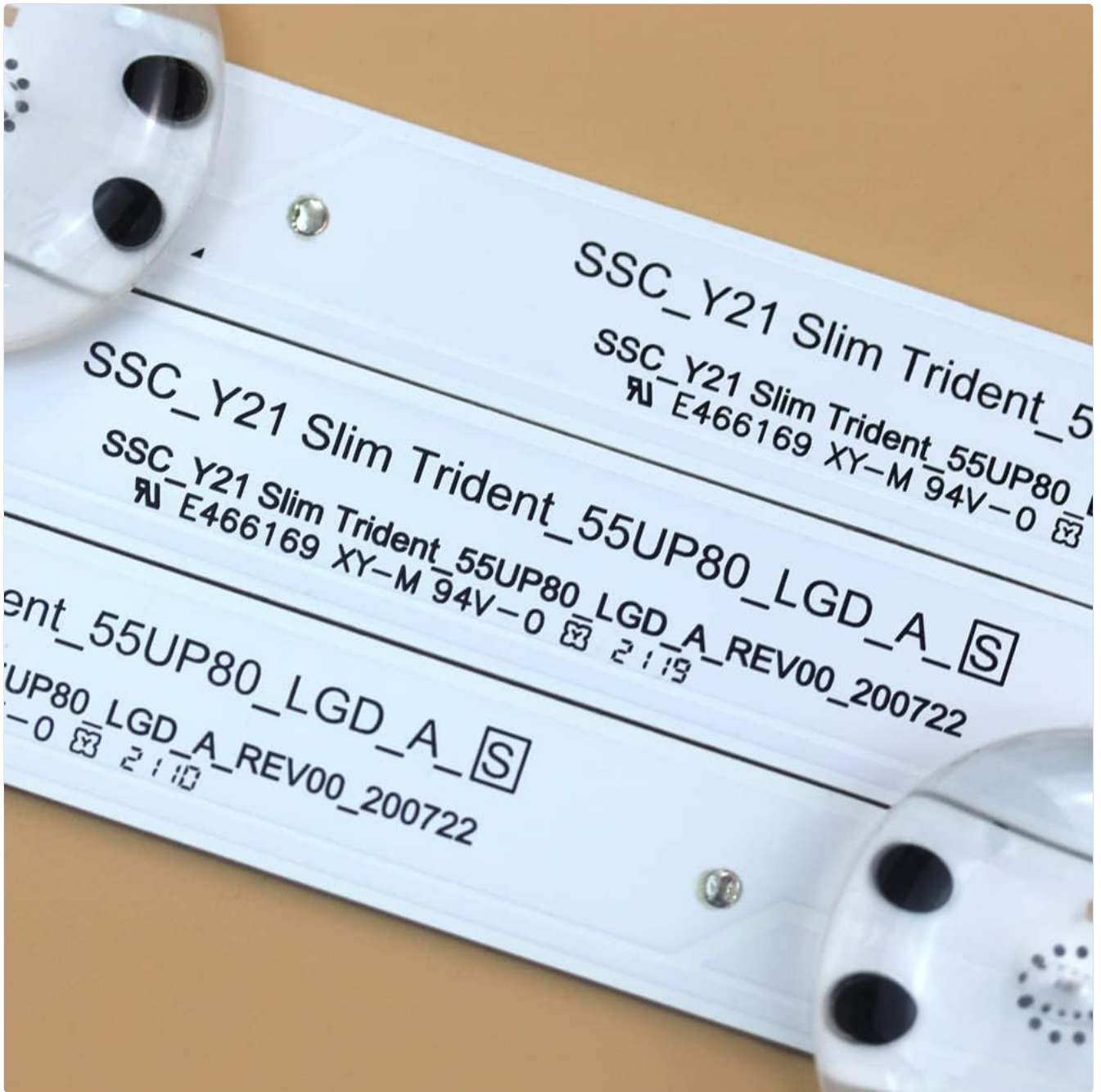


Image 3.1: A close-up view of the backlight strip, showing the model and part numbers (SSC_Y21 Slim Trident_55UP80_LGD_A_REV00_200722) printed on the strip. Verify these numbers match your TV's original strips.



Image 3.2: A detailed view of an individual LED lens on the backlight strip, showing the clear dome and the underlying LED components. This design ensures optimal light diffusion.



Image 3.3: A close-up of the black electrical connectors on the backlight strip, which are used to link the strips together and connect them to the TV's power supply. Ensure these connectors are securely fastened.

4. OPERATING INSTRUCTIONS

Once properly installed, the GuuYebe LED backlight strips operate automatically as part of your television's display system. They are designed to provide consistent and bright illumination for your TV screen.

- The backlight strips will illuminate when the television is powered on.
- Their brightness is controlled by the TV's internal settings and dimming functions.
- No user interaction is required for the operation of the backlight strips themselves after installation.

5. MAINTENANCE

LED backlight strips are generally maintenance-free components. However, proper care of your television can contribute to their longevity:

- **Dust Prevention:** Keep the TV's ventilation openings clear of dust and debris to ensure proper airflow and prevent overheating, which can shorten the lifespan of electronic components.
- **Temperature Control:** Avoid exposing the TV to extreme temperatures or direct sunlight for prolonged periods.
- **Professional Service:** If you suspect any issues with the backlight or other internal components, it is always best to consult a professional TV repair service. Do not attempt to open the TV unless you are qualified to do so.

6. TROUBLESHOOTING

If you encounter issues after installing the new backlight strips, consider the following common troubleshooting steps:

- **No Backlight / Dim Screen:**
 - Ensure all connectors are securely seated. A loose connection can prevent the strips from receiving power.
 - Verify that the TV's power board is functioning correctly. Sometimes, the issue might not be the strips themselves but the power supply to them.
 - Check for any visible damage to the new strips or their LEDs.
- **Uneven Brightness / Dark Spots:**
 - This could indicate a faulty LED on one of the strips or improper seating of the diffuser layers.
 - Carefully re-check the alignment of the diffuser sheets and the LCD panel during reassembly.
- **Flickering Backlight:**
 - Flickering can be caused by an unstable power supply or a defective LED.
 - Ensure the TV's power supply unit is stable and providing the correct voltage.

If these steps do not resolve the issue, it is advisable to seek assistance from a professional TV repair technician.

7. SPECIFICATIONS

Feature	Detail
Brand	GuuYebe
Model Number	55UP80
Compatible TV Models	55UP80, 55UP8000PUA, 55UP7670PUC, 55UP8000PUR, 55UQ9000PUD
Part Numbers	EAV65010301, EAV65018401, EAV65041601, EAJ65799706
Board Numbers	SSC_Y21_SLIM_TRIDENT_55UP80_BOE, NC550TQG-VCKH5

Number of Strips	7 pieces per set
Strip Length	24.09 inches (612mm)
LED Beads per Strip	6 LEDs
LED Lamp Voltage	3V per LED
Material	Aluminum
Light Source Type	LED
Light Color	White
Operating Life	Typically over 100,000 hours
Brightness	Up to 700 nits
Product Dimensions (L x W x H)	25.98 x 2.56 x 2.17 inches
Item Weight	15 ounces
UPC	715748620648

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your GuuYebe LED Backlight Strip TV Replacement Part, please refer to the purchase platform or contact GuuYebe customer service directly. Ensure you have your purchase details and product model number readily available when contacting support.

For additional resources and product information, you may visit the official GuuYebe store on Amazon: [GuuYebe Amazon Store](#).