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## FENSAJRD huzihao

# FENSAJRD LED TV Backlight Bar Instruction Manual

Model: huzihao

## 1. INTRODUCTION

Thank you for choosing the FENSAJRD LED TV Backlight Bar. This product is designed to provide reliable and efficient backlighting for compatible Skyworth TV models. This manual provides essential information for proper installation, operation, and maintenance to ensure the longevity and optimal performance of your new backlight bars.

**Compatibility:** This set of LED backlight bars is specifically designed for Skyworth TV models including 49E6080, 49E6090, 49E6000, 49E3500, 49X5, and 49D9. Please verify your TV model number before proceeding with installation.

## 2. PRODUCT FEATURES

- **New LED Backlight Bar:** Utilizes modern LED technology for superior illumination.
- **Ultra-long Life:** Engineered for extended working life with good stability and fast heat dissipation.
- **High Efficiency and Energy Saving:** Designed for low power consumption, contributing to energy savings.
- **Eye Protection:** Features DC drive technology to minimize flicker, promoting a more comfortable viewing experience.

## 3. SETUP AND INSTALLATION

Installation of TV backlight bars typically requires technical expertise and involves disassembling the television. It is highly recommended that installation be performed by a qualified technician to avoid damage to the TV or the new components.

### 3.1 Safety Precautions

- Always disconnect the TV from the power outlet before beginning any installation or repair work.
- Wear anti-static gloves to prevent electrostatic discharge (ESD) damage to sensitive electronic components.
- Handle the LED strips carefully to avoid bending or damaging the LEDs and circuit board.
- Keep small parts (screws, connectors) organized to prevent loss.

### 3.2 Installation Steps (General Guidance)

1. Carefully lay the TV face down on a soft, clean surface to protect the screen.
2. Remove the back cover of the TV, following the manufacturer's service manual for your specific TV model.
3. Locate and disconnect the existing backlight strips. Note their orientation and connection points.
4. Gently remove the old backlight strips.
5. Install the new FENSAJRD LED backlight bars, ensuring they are correctly aligned and securely fastened. This set includes 10 individual LED strips.
6. Connect the new backlight strips to the TV's power supply board.
7. Before reassembling, perform a preliminary power-on test to ensure the new backlight bars illuminate correctly.
8. Carefully reassemble the TV, ensuring all screws and covers are properly secured.

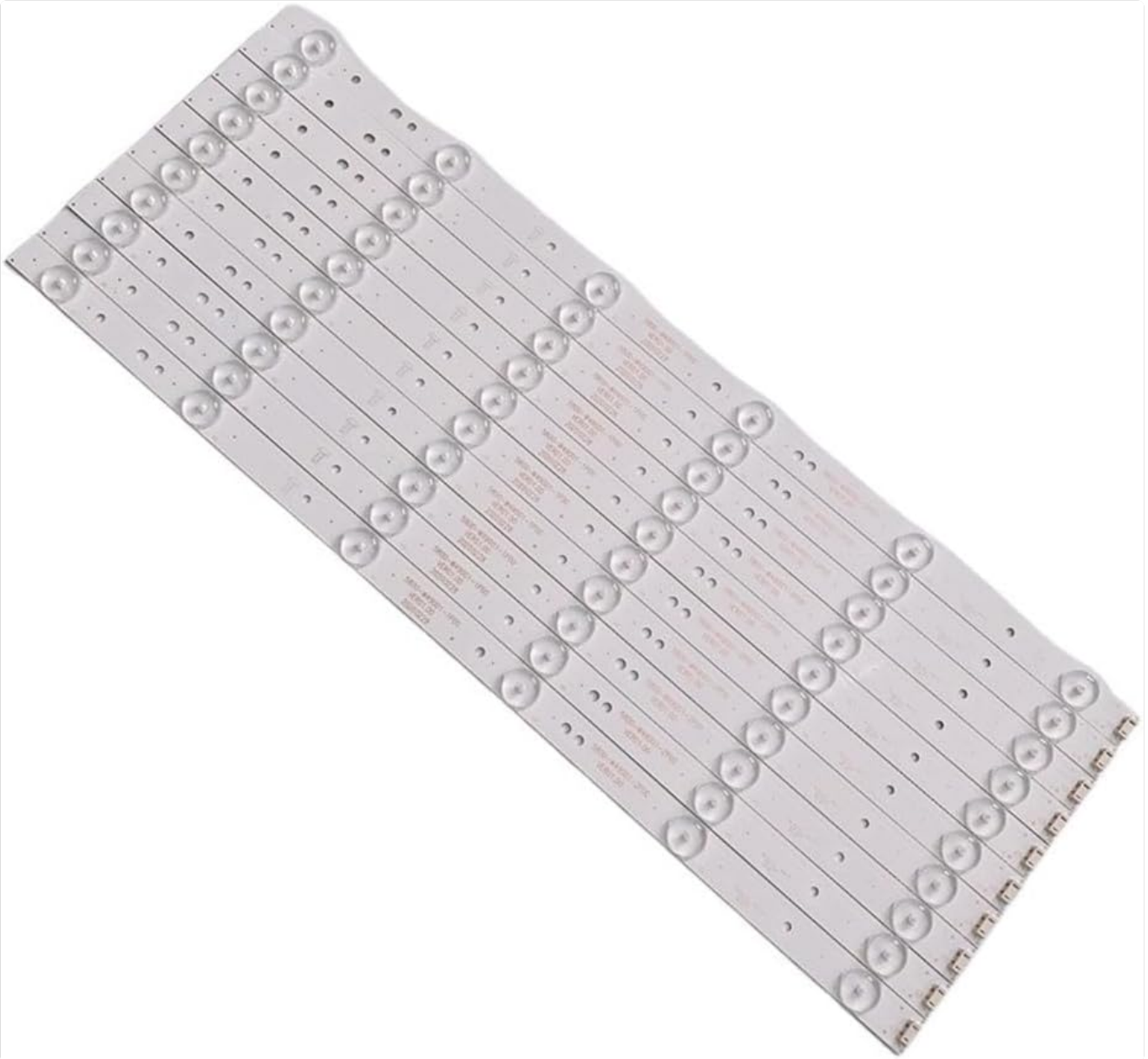


Image 1: The complete set of FENSAJRD LED TV Backlight Bars (10 pieces).



Image 2: Detailed view of the LED backlight strips, highlighting the individual LED components.



Image 3: A closer look at the LED lenses on the backlight bar.

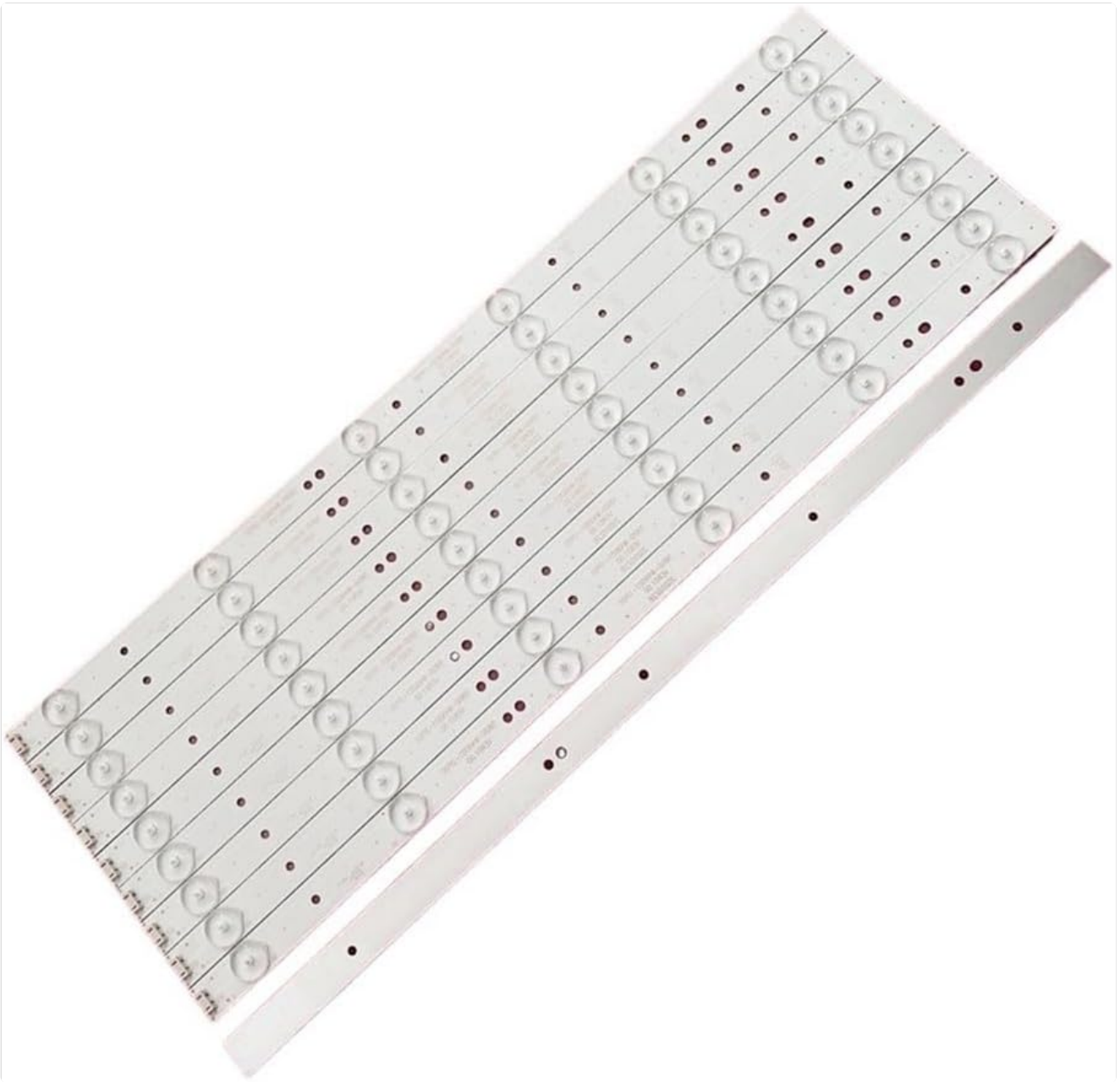


Image 4: View of the back of the LED strips, showing the aluminum shell material for heat dissipation.

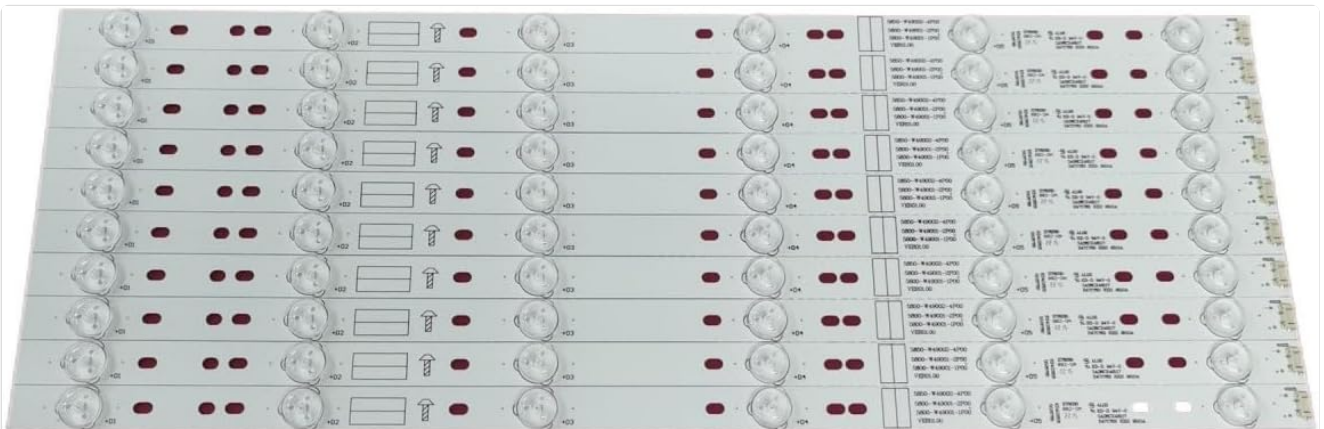


Image 5: All ten LED backlight strips arranged together, as they would appear in the package.

## 4. OPERATING INSTRUCTIONS

Once properly installed, the FENSAJRD LED TV Backlight Bar operates automatically as part of your television's display system. There are no user-adjustable settings or controls for the backlight bars themselves. The brightness

and other display settings are controlled through your television's standard menu options.

## 5. MAINTENANCE

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The FENSAJRD LED TV Backlight Bars are designed for long-term, maintenance-free operation. No routine cleaning or servicing of the backlight bars themselves is required once installed inside the television.

- **General TV Care:** Follow your television manufacturer's recommendations for cleaning the TV screen and exterior.
- **Ventilation:** Ensure your TV's ventilation openings are not blocked to allow for proper heat dissipation, which contributes to the longevity of all internal components, including the backlight bars.

## 6. TROUBLESHOOTING

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If you experience issues after installing the new backlight bars, consider the following common troubleshooting steps:

- **No Backlight / Dim Screen:**
  - Verify all connections to the backlight strips are secure and correctly seated.
  - Ensure the power supply board is functioning correctly.
  - Confirm that the new backlight strips are compatible with your specific TV model (e.g., Skyworth 49E6080, 49E6090, etc.).
- **Uneven Brightness / Dark Spots:**
  - Check if any individual LED on the strips is damaged or not illuminating.
  - Ensure the strips are properly aligned and secured within the TV panel.
- **Flickering Backlight:**
  - Recheck all electrical connections for looseness or poor contact.
  - While the product features DC drive to prevent flicker, external factors or incorrect installation can sometimes cause issues.

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

## 7. SPECIFICATIONS

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Attribute	Value
Model Number	huzihao
Length (each strip)	460mm
Voltage	3V (per LED)
Shell Material	Aluminum
Power Factor	90
Luminous Angle	180°
Beam Angle	180-220°

Attribute	Value
Scope of Use	TV accessories (Backlight Replacement)
Package Contents	1 set = 10 pieces LED strips
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.76 ounces (50 Grams)
Color	One Color
Special Feature	Energy Efficient

## 8. WARRANTY AND SUPPORT

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For specific warranty information and customer support, please refer to the seller or the platform where the product was purchased. It is recommended to retain your proof of purchase for any warranty claims.

If you require assistance or have questions regarding compatibility, please feel free to contact us through the seller's contact information provided on the product listing page.