

## Govee H6099

# Govee TV Backlight 3 Lite Instruction Manual

Model: H6099 for 75-85 Inch TVs

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Govee TV Backlight 3 Lite. This product is designed to enhance your viewing experience by synchronizing ambient lighting with your TV screen content. Please read this manual thoroughly before use and retain it for future reference.

The Govee TV Backlight 3 Lite features upgraded Govee Envisual Technology with a fish-eye correction function for accurate color matching, RGBICW 4-in-1 lamp beads for vivid lighting, and a gravitational hanging design for easy installation on ultra-thin TVs. It offers full compatibility with any TV content and smart activation via the Govee Home App, Alexa, and Google Assistant.

## 2. PACKAGE CONTENTS

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Verify that all components are present in your package:

- LED Strip Lights (16.4ft for 75-85 inch TVs)
- Camera with Fish-Eye Correction
- Control Box
- Power Adapter
- Mounting Clips and Adhesive
- Calibration Cards



Image: Overview of the Govee TV Backlight 3 Lite components, including the LED strip, camera, control box, power adapter, and mounting accessories.

### 3. SAFETY INFORMATION

- Ensure the power adapter voltage matches your local power supply.
- Do not expose the LED strip or control box to water or high humidity. This product is for indoor use only.
- Avoid bending the LED strip at sharp angles to prevent damage to the circuit.
- Keep out of reach of children.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Ensure proper ventilation around the control box and power adapter.

### 4. SETUP

#### 4.1 Preparing Your TV

- Clean the back of your TV thoroughly to ensure the adhesive sticks properly.

- Ensure your TV is unplugged before installation.

## 4.2 LED Strip Installation

1. Unroll the LED strip. Identify the starting point, usually marked on the strip.
2. Carefully peel off the adhesive backing and attach the LED strip to the back of your TV, following the edges. Ensure the strip is evenly distributed.
3. Use the provided mounting clips for additional security, especially at corners or where the strip might sag.

## 4.3 Camera Placement

The Govee TV Backlight 3 Lite features a gravitational hanging design for easy camera installation on ultra-thin TVs.

1. Position the camera centrally on the top edge of your TV. The gravitational design allows it to hang securely.
2. For added stability, use the included 3M adhesive sticker to secure the camera in place, preventing wobble.
3. Ensure the camera lens has a clear, unobstructed view of the entire TV screen.

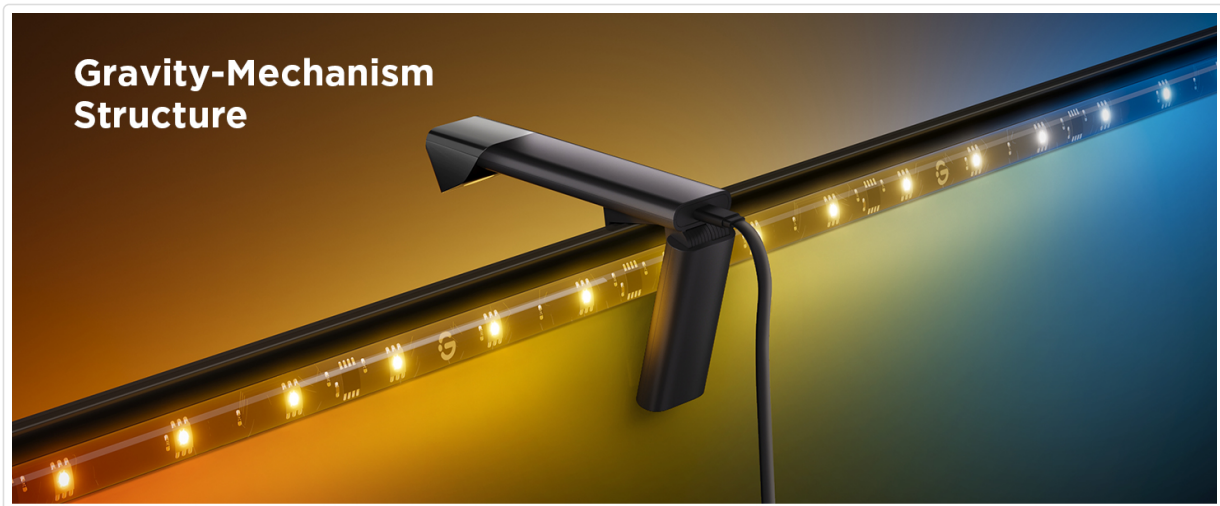


Image: Illustration of the camera's gravity suspension structure, showing how it hangs securely on the TV's top edge.

# Gravity Suspension Structure

Easier to install and adapts to most ultra-thin TVs

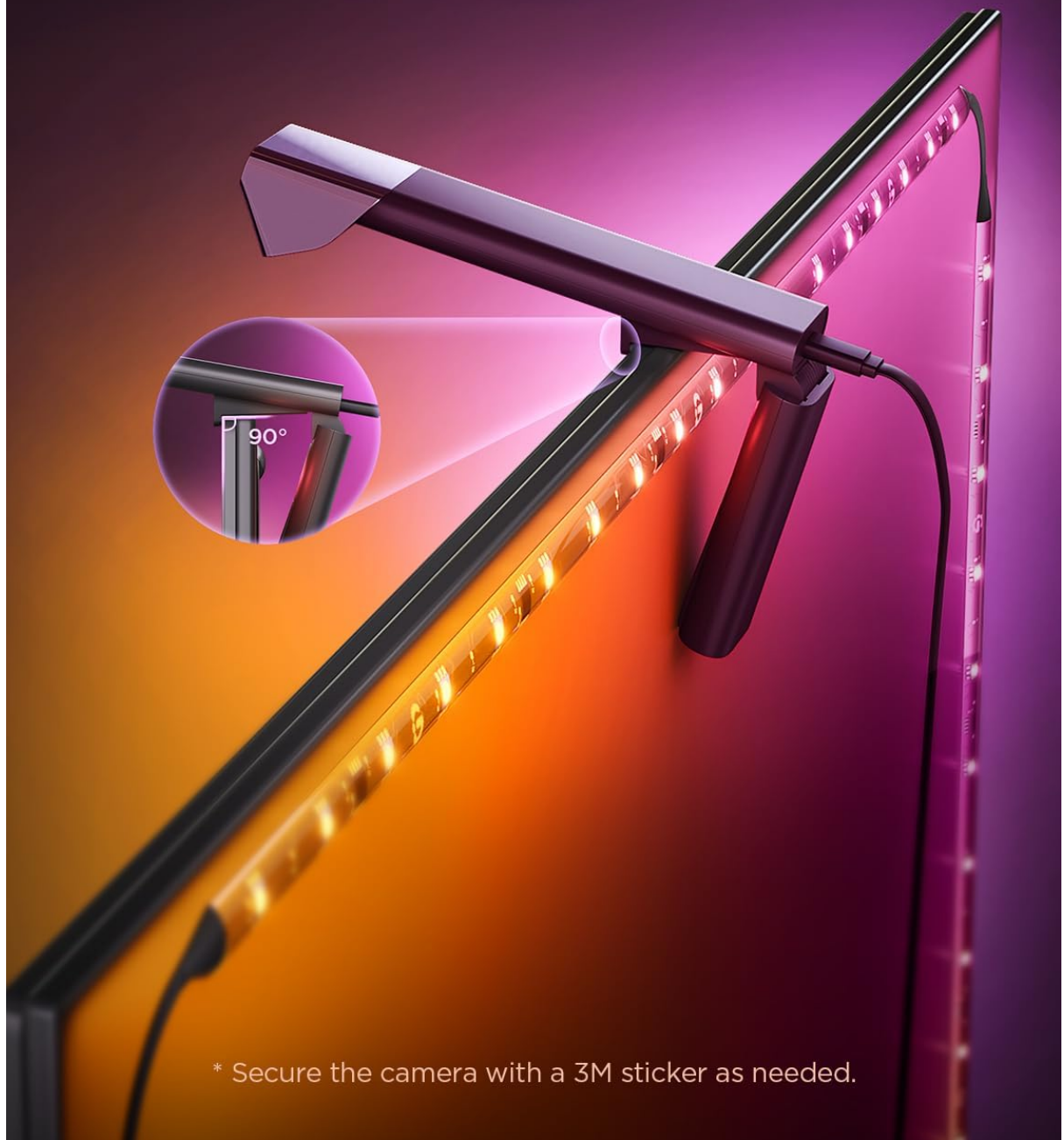


Image: Detailed view of the camera's gravitational hanging mechanism, highlighting its adaptability for ultra-thin TVs.

## 4.4 Connecting Components

1. Connect the LED strip to the control box.
2. Connect the camera to the control box.
3. Connect the power adapter to the control box, then plug it into a power outlet.

## 4.5 App Download and Pairing

1. Download the Govee Home App from the App Store (iOS) or Google Play Store (Android).
2. Open the app, register or log in, and follow the on-screen instructions to add your Govee TV Backlight

3 Lite device.

3. Ensure your phone's Bluetooth and Wi-Fi are enabled during the pairing process.

## 4.6 Camera Calibration (Fish-Eye Correction)

The fish-eye correction function ensures accurate color matching. This step is crucial for optimal performance.

1. Once paired, the Govee Home App will guide you through the calibration process.
2. Place the provided orange calibration cards on the TV screen at the indicated positions.
3. The app will use the camera to detect these points and automatically adjust the lighting zones for precise color synchronization.
4. Adjust the calibration points in the app if the initial setup is not perfectly aligned.

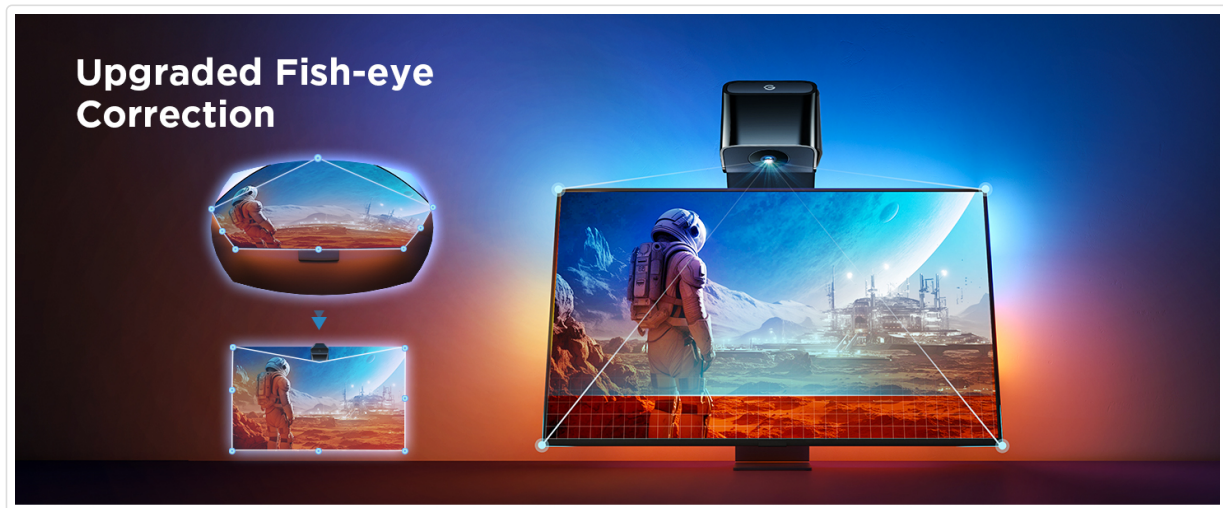


Image: Visual representation of the fish-eye correction function, illustrating how the camera's wide view is processed for accurate screen color detection.

## 5. OPERATING INSTRUCTIONS

### 5.1 Using the Govee Home App

The Govee Home App provides comprehensive control over your TV Backlight 3 Lite:

- **Color Sync Mode:** Activates the camera to synchronize the LED lights with the colors displayed on your TV screen.
- **Scene Modes:** Choose from various pre-set lighting scenes to match different moods or activities.
- **DIY Mode:** Customize your own lighting effects, colors, and patterns.
- **Music Mode:** Synchronize lights with audio playing in your environment.
- **Brightness Adjustment:** Control the overall brightness of the LED strip.
- **Black Bar Exclusion:** Configure the system to ignore black bars on the screen, preventing inaccurate color matching.
- **Blank Screen Detection:** Automatically turns off or dims the lights when the TV screen is continuously dark for a set duration.

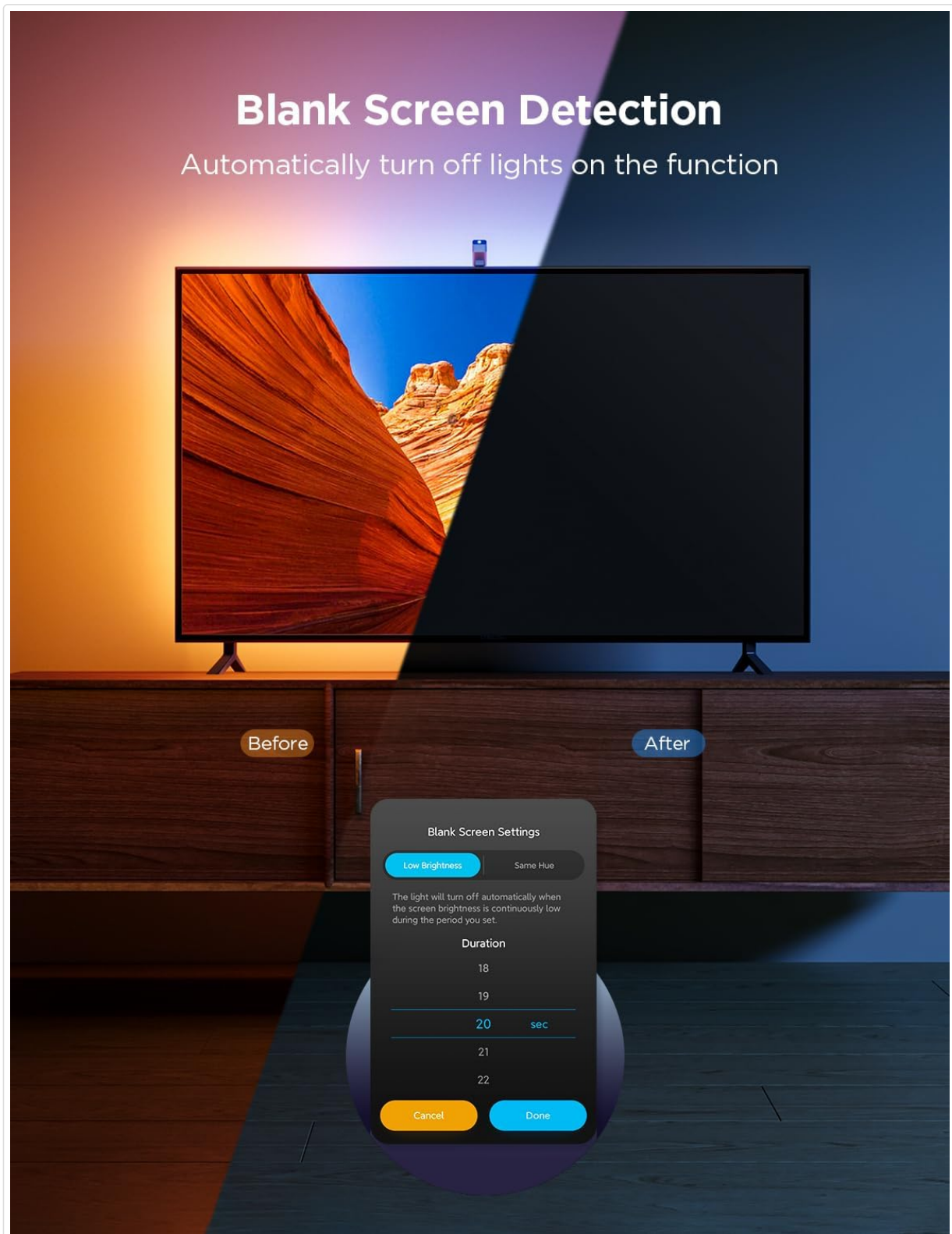


Image: Govee Home App interface demonstrating the Blank Screen Detection feature, which automatically adjusts or turns off lights during dark scenes.

## 5.2 Voice Control

The Govee TV Backlight 3 Lite is compatible with Amazon Alexa and Google Assistant. After linking your Govee account in the respective voice assistant app, you can use voice commands to control your lights:

- "Alexa, turn on the TV lights."
- "Hey Google, set the TV lights to blue."
- "Alexa, dim the TV lights to 50%."

## 5.3 Govee DreamView Syncing

This feature allows you to link up to 7 other Govee sub-devices to synchronize their lighting effects with the TV Backlight 3 Lite, creating a more expansive and immersive 360° lighting experience in your room.

## 6. MAINTENANCE

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- **Cleaning:** Gently wipe the LED strip, camera, and control box with a dry, soft cloth. Do not use liquid cleaners.
- **Storage:** If storing the device for an extended period, unplug it and keep it in a cool, dry place.
- **Firmware Updates:** Regularly check the Govee Home App for firmware updates to ensure optimal performance and access to new features.

## 7. TROUBLESHOOTING

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### 7.1 Lights Not Turning On

- Ensure all connections (LED strip, camera, control box, power adapter) are secure.
- Verify the power outlet is functioning.
- Check if the device is powered on via the control box button or the Govee Home App.

### 7.2 Inaccurate Color Matching

- Re-calibrate the camera using the Govee Home App, ensuring the calibration cards are correctly placed.
- Ensure the camera lens is clean and unobstructed.
- Check for strong ambient light sources directly hitting the TV screen or camera, which can interfere with color detection.
- Verify that the correct TV size is selected in the app settings.

### 7.3 Cannot Connect to Govee Home App

- Ensure your phone's Bluetooth and Wi-Fi are enabled.
- Confirm your Wi-Fi network is 2.4GHz (5GHz networks are not supported by some smart devices).
- Restart the Govee TV Backlight 3 Lite by unplugging and re-plugging the power adapter.
- Try pairing again, ensuring your phone is close to the control box.

### 7.4 Lights Lagging or Flickering

- Ensure the camera is securely mounted and not moving.
- Check for any obstructions between the camera and the screen.
- Reduce the sensitivity setting in the Govee Home App if the lights are reacting too quickly to minor screen changes.

## 8. SPECIFICATIONS

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Feature	Specification
Model Number	H6099
LED Strip Length	16.4ft (for 75-85 inch TVs)

Light Source Type	RGBICW LED
Color Temperature	4000 Kelvin
Voltage	12 Volts
Wattage	36 Watts
Control Method	App Control, Voice Control (Alexa, Google Assistant)
Special Features	Fish-eye Correction Function, Black Bar Elimination, Blank Screen Detection, Govee DreamView Syncing
Indoor/Outdoor Usage	Indoor Only
Item Weight	2.23 Pounds

## 9. WARRANTY AND SUPPORT

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For detailed warranty information, please refer to the official Govee website or the warranty card included with your product.

For technical support, troubleshooting assistance, or general inquiries, please contact Govee customer service through the Govee Home App or visit their official support channels.

An electronic version of this user manual is available for download: [Govee TV Backlight 3 Lite User Manual \(PDF\)](#)