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> [Ledvion Smart RGB+CCT GU10 LED Spot \(Model LVW10001\) User Manual](#)

### Ledvion LVW10001

# Ledvion Smart RGB+CCT GU10 LED Spot (Model LVW10001) User Manual

## 1. PRODUCT OVERVIEW

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The Ledvion Smart RGB+CCT GU10 LED Spot is designed to transform any fixture with a GU10 fitting into a smart lamp. This bulb offers RGB (Red, Green, Blue) and CCT (Correlated Color Temperature) functionality, allowing you to choose from a wide spectrum of colors and adjustable white light (2700K-6500K). It connects easily to your existing 2.4 GHz Wi-Fi network, enabling smart control via mobile applications and voice assistants.

### Key Features:

- **RGB+CCT Functionality:** Offers a full range of colors and tunable white light from warm to cool (2700K-6500K).
- **Dimmable:** Adjust brightness to your preference.
- **Wi-Fi Connectivity:** Easy connection to any 2.4 GHz Wi-Fi network for remote control.
- **Voice Assistant Compatible:** Works with Amazon Alexa and Google Home.
- **Easy Installation:** GU10 fitting, connects directly to 220-240V without a transformer.
- **Durable Design:** Made from high-quality aluminum.



Image 1.1: Ledvion Smart RGB+CCT GU10 LED Spot.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** This product is an electrical device. Installation should only be performed by a qualified electrician if you are unsure. Always disconnect power before installation or maintenance.
- **Indoor Use Only:** This product is designed for indoor use. Do not expose to water or high humidity.
- **Operating Voltage:** Ensure the power supply is within the specified range of 220-240V, 50Hz.
- **Fitting Type:** Use only with GU10 compatible fixtures.
- **Heat:** LED bulbs generate heat. Ensure adequate ventilation around the bulb and do not enclose it in a way that prevents heat dissipation.
- **Disposal:** Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities. Contact your local government for information regarding available collection systems.



Image 2.1: Ledvion Product Safety and Information Sheet (example of packaging information).

## 3. SETUP

### 3.1. Physical Installation

1. **Power Off:** Before installation, ensure the power supply to the light fixture is turned off at the main switch.
2. **Insert Bulb:** Carefully insert the Ledvion Smart GU10 LED Spot into a compatible GU10 fitting. Push and twist clockwise until it is securely in place.
3. **Power On:** Restore power to the light fixture. The bulb should flash, indicating it is in pairing mode.

### 3.2. App Connection

The Ledvion Smart GU10 LED Spot can be controlled using various Tuya-compatible smart home apps, such as the Smart Life App, Calex Smart App, or V-tac Smart Light app. For optimal functionality, we recommend using the Smart Life App.

1. **Download App:** Download the Smart Life App (or your preferred compatible app) from your smartphone's app store (iOS or Android).
2. **Register/Login:** Open the app and register for a new account or log in if you already have one.
3. **Add Device:** Tap the '+' icon (usually in the top right corner) to add a new device. Select 'Lighting' or 'Light Source (Wi-Fi)'.  
4. **Wi-Fi Network:** Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network. The smart bulb only supports 2.4 GHz Wi-Fi. Enter your Wi-Fi password.
5. **Pairing Mode:** Confirm the bulb is flashing rapidly. If not, turn the light switch ON-OFF-ON-OFF-ON to reset it to pairing mode.
6. **Connect:** Follow the on-screen instructions in the app to complete the pairing process. Once connected, you can rename your bulb for easier control.



# CONTROLABLE WITH THE APP

The smart GU10 can be used with the following apps:  
Smart Life App, Calex Smart App, V-tac Smart Light app  
(all Tuya domotica apps)



WiFi 2.4 GHz  
NETWORKS



CONTROL  
ANYWHERE



Ledvion

Image 3.1: App control and Wi-Fi network compatibility.

## 4. OPERATING

### 4.1. App Control

Once connected to the app, you can control your Ledvion Smart GU10 LED Spot from anywhere with an internet connection.

- **On/Off:** Toggle the light on or off.
- **Brightness:** Adjust the light intensity (dimnable).
- **Color Selection:** Choose from millions of colors using the RGB color wheel.
- **White Light Adjustment:** Change the color temperature from warm white (2700K) to cool white (6500K).
- **Scenes:** Select pre-set lighting scenes or create your own custom scenes for different moods or activities.
- **Timer/Schedule:** Set schedules for the light to turn on/off at specific times or to activate scenes.



# VARIETY OF FUNCTIONALITIES

The app allows you to use various functionalities, such as setting up a timer



TIMER

MULTI SCENES

VOICE CONTROL

Ledvion

Image 4.1: Variety of functionalities including timer, multi-scenes, and voice control.



Image 4.2: Tunable white and color ambiance control.

## 4.2. Voice Control

Integrate your Ledvion Smart GU10 LED Spot with popular voice assistants for hands-free control.

- **Amazon Alexa:** Link your Smart Life (or compatible) account to Alexa through the Alexa app. Use commands like: "Alexa, turn on [Light Name]", "Alexa, set [Light Name] to blue", "Alexa, dim [Light Name] to 50%".
- **Google Home:** Link your Smart Life (or compatible) account to Google Home through the Google Home app. Use commands like: "Hey Google, turn off [Light Name]", "Hey Google, change [Light Name] to warm white", "Hey Google, brighten [Light Name]".
- **Siri Shortcuts:** For iOS users, you can create custom Siri Shortcuts within the Smart Life app to control your lights with voice commands.



# COMPATIBLE FOR VOICE ASSISTANTS

This product is compatible for most voice assistants like Google Home, Alexa & Siri



Image 4.3: Compatibility with voice assistants.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your Ledvion Smart GU10 LED Spot, follow these simple maintenance guidelines:

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry cloth to wipe the bulb. Do not use liquid cleaners or abrasive materials.
- **Handling:** Handle the bulb carefully to avoid damage to the glass or electronic components.
- **Environment:** Keep the bulb in a dry environment and avoid extreme temperatures.

## 6. TROUBLESHOOTING

If you encounter issues with your Ledvion Smart GU10 LED Spot, refer to the following common problems and solutions:

- **Bulb Not Connecting to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4 GHz. The bulb does not support 5 GHz networks.

- Check if your Wi-Fi password is entered correctly in the app.
  - Make sure the bulb is in pairing mode (rapidly flashing). If not, cycle the power switch (ON-OFF-ON-OFF-ON) to reset.
  - Move the bulb closer to your Wi-Fi router during the initial setup.
- **Bulb Not Responding to App/Voice Commands:**
    - Check your internet connection.
    - Ensure the bulb is still connected to your Wi-Fi network.
    - Restart the app and try again.
    - If using voice control, ensure your voice assistant account is correctly linked to your smart home app.
- **Syncing Issues (e.g., one bulb in a group doesn't respond):**
    - This can sometimes occur with smart bulbs. Try resetting the unresponsive bulb by cycling its power switch (ON-OFF-ON-OFF-ON) and re-pairing it if necessary.
    - Ensure all bulbs are within good Wi-Fi range.
- **Low Luminosity or Weak Colors:**
    - Ensure the brightness setting in the app is at 100%.
    - Compared to warm/cool white, some colors may appear less bright due to the nature of RGB LEDs. This is normal operation.
- **Bulb Died Prematurely:**
    - While rare, if a bulb fails within the warranty period, please contact customer support for assistance.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	LVW10001
Fitting Type	GU10
Wattage	4.9W (equivalent to 40W incandescent)
Lumen Output	345 Lumen
Color Temperature	RGB + CCT (2700K - 6500K)
Voltage	220-240 Volt, 50 Hz
Connectivity	Wi-Fi (2.4 GHz)
Control Type	App (Smart Life, Caalex, V-tac), Amazon Alexa, Google Home
Lifespan	15,000 hours
Color Rendering Index (CRI)	80
Material	Aluminum, Plastic

Feature	Specification
Product Dimensions	50 mm (diameter) x 58 mm (height)

## 7.1. Dimensions

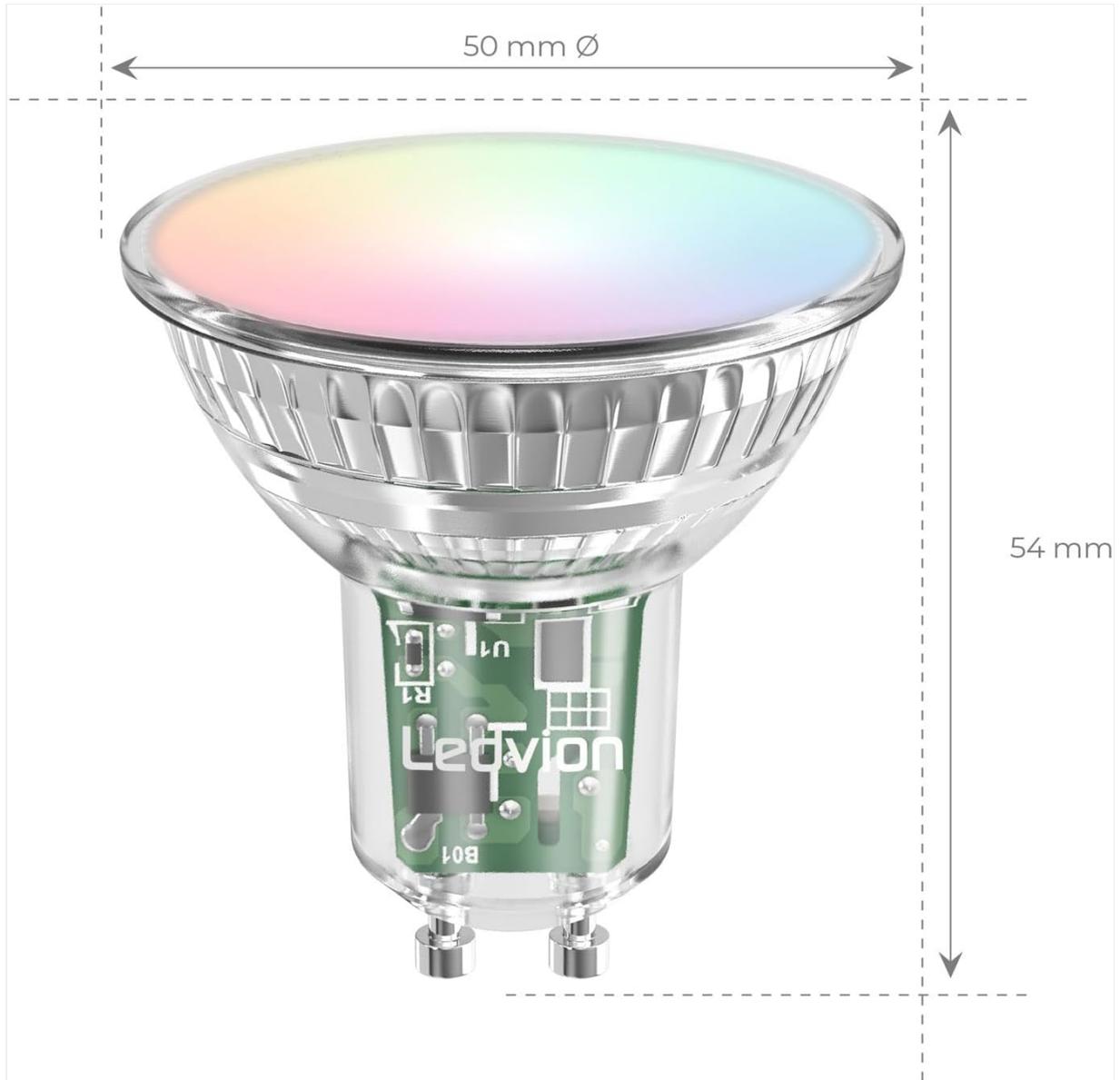


Image 7.1: Product dimensions (50mm diameter, 54mm height).

## 7.2. Energy Label

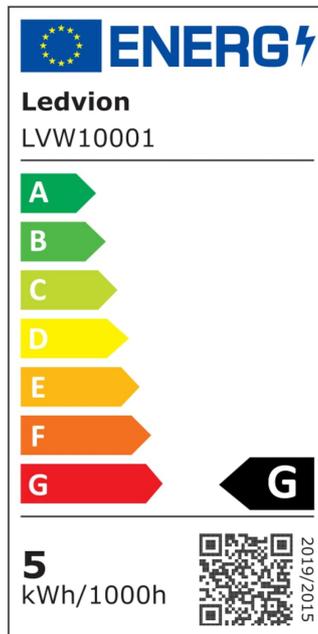


Image 7.2: Energy Label for Ledvion LVW10001. For more details, visit [eprel.ec.europa.eu/qr/694883](http://eprel.ec.europa.eu/qr/694883).

## 8. WARRANTY AND SUPPORT

### 8.1. Warranty

This Ledvion product comes with a **2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.



# WARRANTY OF 2 YEARS

With the smart GU10 spot you can change your room to your desired light tone

2700K - 6500K



RGB + CCT



Image 8.1: 2-Year Warranty information.

## 8.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your Ledvion Smart RGB+CCT GU10 LED Spot, please contact Ledvion customer support. You can typically find contact information on the product packaging or the official Ledvion website.

### Manufacturer Information:

Ledvion B.V.  
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2803 PK Gouda  
The Netherlands