

Philips Hue 562982

Philips Hue Smart 100W A21 LED Bulb - White and Color Ambiance Instruction Manual

[Introduction](#)

[Setup](#)

[Operating](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty](#)

[Support](#)

1. INTRODUCTION

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your Philips Hue Smart 100W A21 LED Bulb. This smart bulb offers White and Color Ambiance, allowing you to illuminate your spaces with a wide spectrum of colors and tunable white light. It is designed for indoor use and can be controlled via the Philips Hue app, voice assistants like Alexa and Google Assistant, and Apple Homekit.

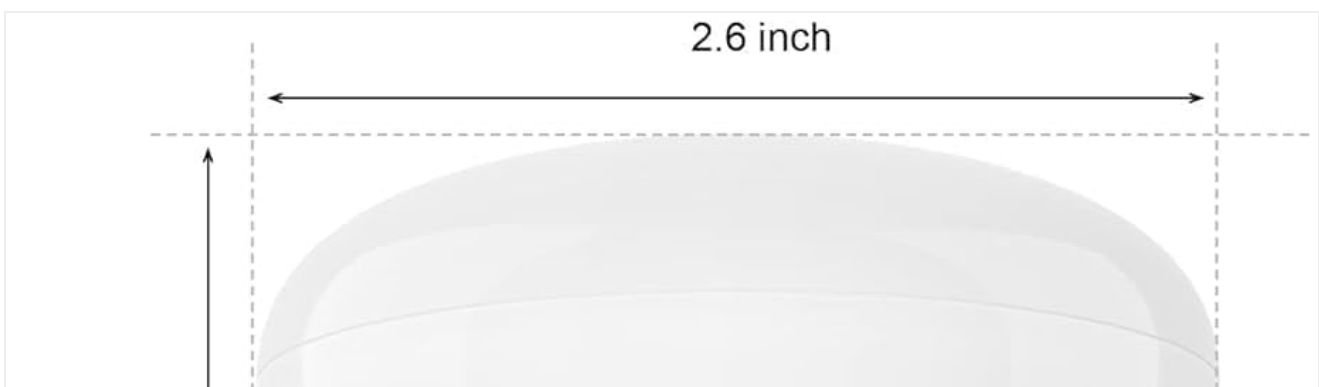
2. SETUP


2.1. What's in the Box

- One (1) Philips Hue White and Color Ambiance A21 Smart LED Bulb (100W equivalent, 1600 Lumens)

2.2. Bulb Dimensions

Ensure the bulb fits your fixture before installation. The Philips Hue A21 bulb has the following approximate dimensions:





5.2 inch

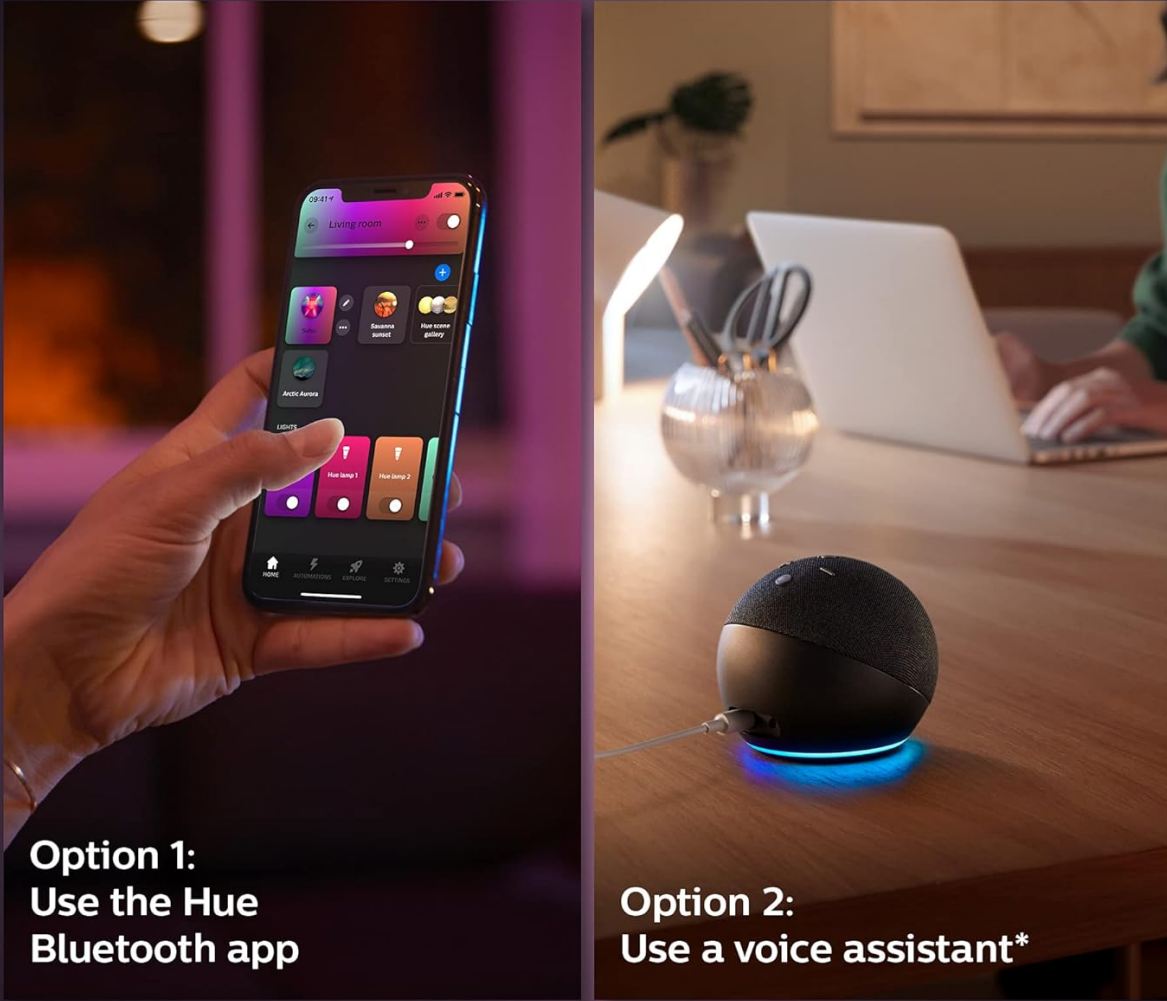
Image showing the dimensions of the Philips Hue A21 bulb: 2.6 inches wide and 5.2 inches high.

2.3. Installation

1. Unpack the Philips Hue A21 LED bulb from its packaging.
2. Carefully screw the bulb into a standard E26 light socket. Ensure the power to the fixture is off before installation.
3. Turn on the power to the light fixture. The bulb should light up in a default white color.

2.4. Connecting to Philips Hue App

There are two primary methods to set up your Philips Hue bulb:



The image is a dark-themed graphic with the title "Two easy ways to set up" at the top. It is split into two vertical panels. The left panel shows a hand holding a smartphone displaying the Philips Hue app interface, with various light scenes and controls visible. The right panel shows a black, spherical Philips Hue smart speaker on a wooden desk, illuminated with a blue glow at its base. A laptop and a glass vase are visible in the background of the right panel.

**Option 1:
Use the Hue
Bluetooth app**

**Option 2:
Use a voice assistant***

***Requires a Hue compatible voice device sold seperately**

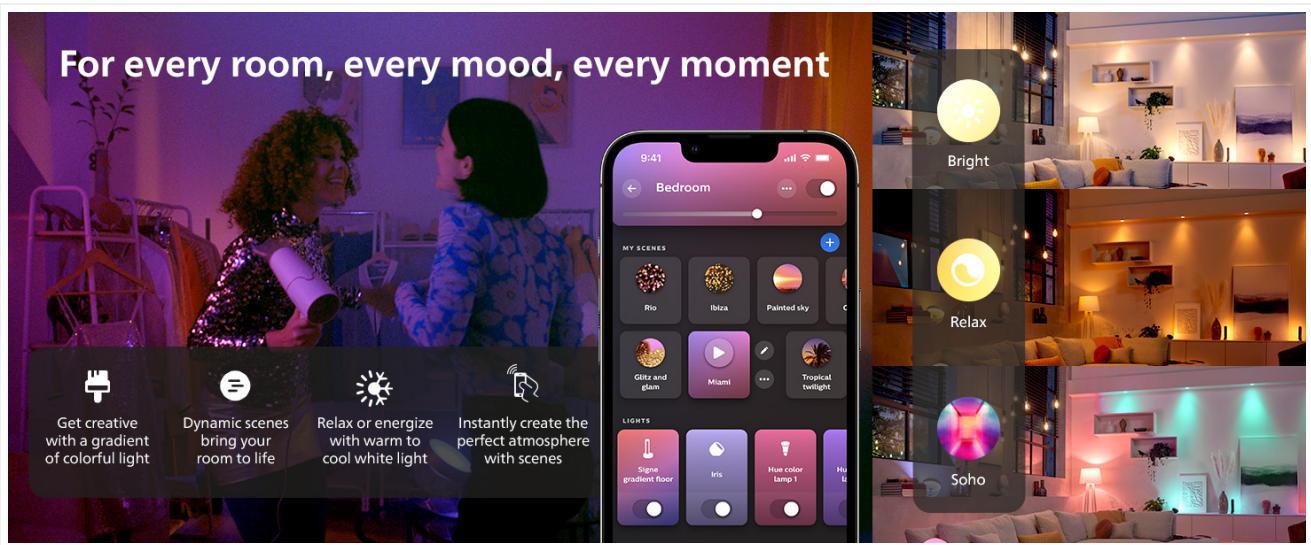
Image illustrating two setup options: Option 1 using the Hue Bluetooth app on a smartphone, and Option 2 using a voice assistant device like an Amazon Echo Dot.

2.4.1. Bluetooth Connection (for single room control)

1. Download the Philips Hue Bluetooth app from your device's app store (www.philips-hue.com/app).
2. Open the app and follow the on-screen instructions to discover and connect to your new bulb.
3. You can now control the bulb's brightness and color directly from your smartphone within Bluetooth range.

2.4.2. Philips Hue Bridge Connection (for full home control and advanced features)

For a complete smart lighting experience, including multi-room control, automations, and remote access, a Philips Hue Bridge (sold separately) is recommended.



Infographic comparing features available with Hue Bridge (full home and outdoor control, routines, sync with media, away from home control) versus Bluetooth (one room control, easy ambiance).

1. Install your Philips Hue Bridge by connecting it to your Wi-Fi router and power outlet.
2. Download the Philips Hue app (not the Bluetooth version if you haven't already).
3. Open the app and follow the instructions to connect to your Hue Bridge.
4. Once the Bridge is connected, the app will guide you through discovering your new A21 bulb and adding it to your system.



Infographic detailing Philips Hue Bridge installation: Step 1 Install lighting, Step 2 Plug in Hue Bridge and connect to Wi-Fi router, Step 3 Download the Philips Hue app.

2.5. Official Setup Video

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Official Philips Hue video showcasing the comprehensive smart lighting system, highlighting its use for entertainment, wellbeing, ambiance, and security, all controlled via the Hue Bridge and app.

3. OPERATING THE PHILIPS HUE SMART BULB

3.1. Basic Controls via Philips Hue App

The Philips Hue app provides intuitive control over your smart bulb:

Easy smart lighting

Create custom scenes to set the mood



Image showing a smartphone displaying the Philips Hue app with various scene options (Relax, Concentrate, Tropical Twilight) and light controls, alongside a pendant light illuminating a room with a blue hue.

- **On/Off:** Toggle the light on or off directly from the app.
- **Brightness:** Adjust the brightness level from 1% to 100%.
- **White Light Tones:** Select from a range of warm-to-cool white light, from 2000K (warm) to 6500K (cool daylight).
- **Color Selection:** Choose from millions of colors to match your mood or decor.

Dimmable and warm-to-cool white light for every moment of the day



Image depicting a woman in a kitchen with Philips Hue lights set to different white light modes (Energy, Concentrate, Read, Relax) for various activities.

3.2. Color and Scene Selection

The Philips Hue app offers preset scenes and allows for custom scene creation:



Wide image showcasing various Philips Hue lighting effects in different rooms, controlled via the app, highlighting dynamic light, scenes, warm-to-cool white, and perfect atmosphere.

- **Preset Scenes:** Select from a variety of pre-configured scenes like 'Relax', 'Concentrate', 'Tropical Twilight', or 'Honolulu' to instantly change the ambiance.
- **Custom Scenes:** Create and save your own unique light settings by combining specific colors and brightness levels.

3.3. Voice Control

Integrate your Philips Hue bulb with compatible voice assistants for hands-free control:

Easy control with your voice

Works with Amazon Alexa and the Google Assistant



Simple to set up and use with Alexa

Image of a couple in a living room with smart lighting, demonstrating voice control with the caption 'Turn on all the lights', indicating compatibility with Alexa and Google Assistant.

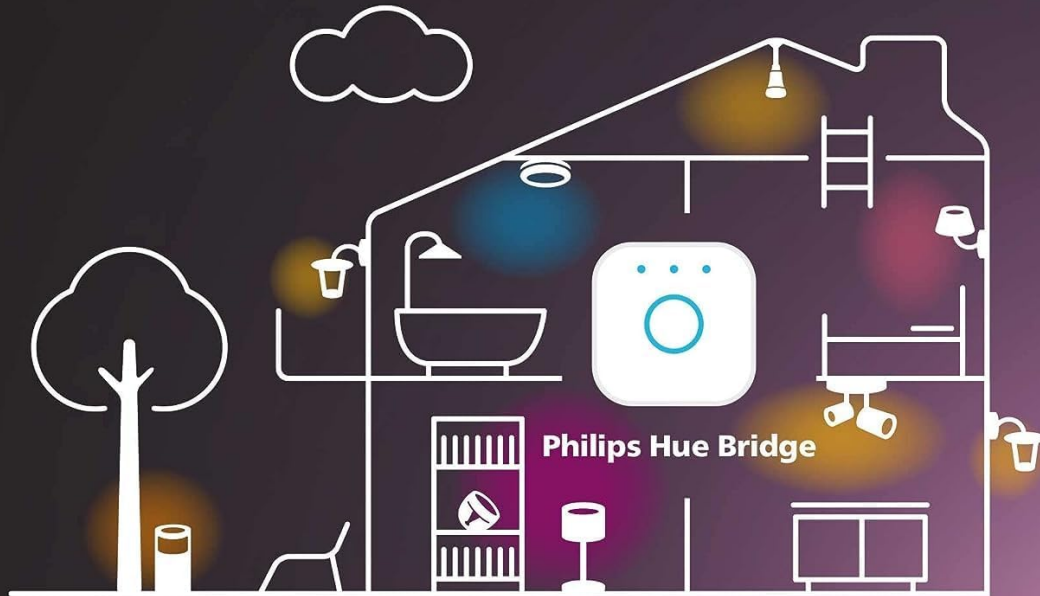
- **Compatible Assistants:** Works with Amazon Alexa, Google Assistant, and Apple HomeKit.
- **Commands:** Use simple voice commands such as "Alexa, turn on the living room lights," "Hey Google, dim the lights to 50%," or "Siri, change the bedroom light to blue."

3.4. Advanced Features with Hue Bridge

When connected to a Philips Hue Bridge, unlock additional functionalities:

Upgrade with the Hue Bridge

to unlock reliable, full home control

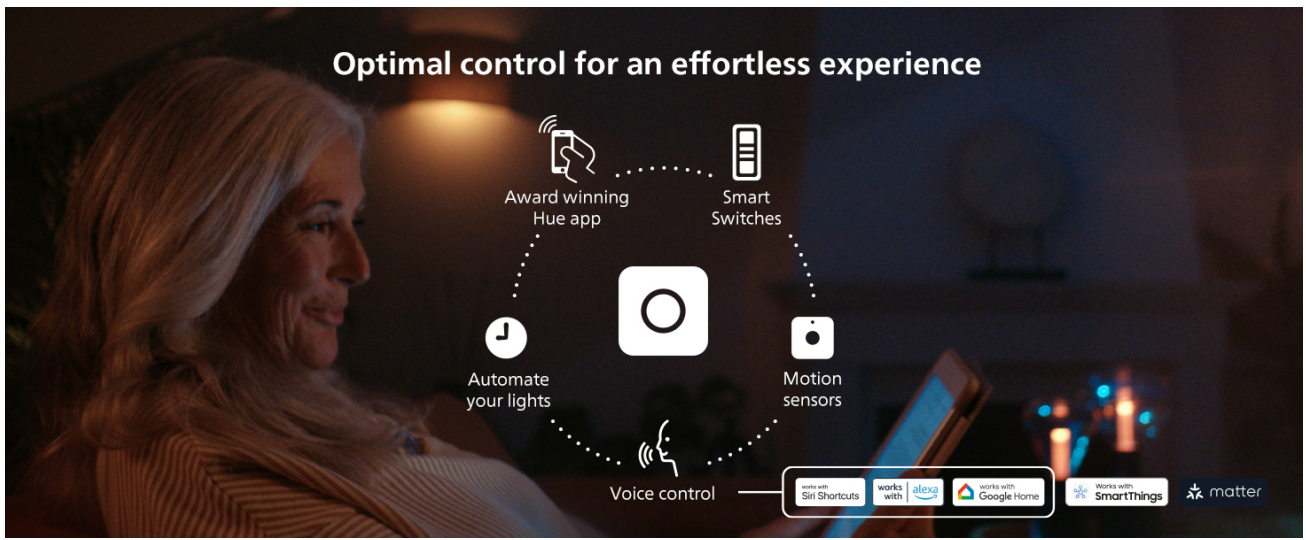


Instant response times and ultra-stable connection.
Easy effortless control -- even when your Wi-Fi is down.
Advanced control and automation options.



Diagram illustrating a smart home setup with a Philips Hue Bridge at its center, connecting various smart lights and devices throughout the house, emphasizing instant response, stable connection, and advanced control.

- **Automations & Routines:** Set schedules for lights to turn on/off, dim, or change color at specific times (e.g., wake-up routines, coming home).
- **Away-from-Home Control:** Control your lights from anywhere in the world via the Philips Hue app.
- **Smart Accessories:** Connect to Hue Dimmer Switches, Motion Sensors, and other accessories for enhanced control.
- **Entertainment Sync:** Sync your lights with movies, music, and games for an immersive experience.
- **Home Security:** Use lights to simulate presence or integrate with security systems.



Infographic showing a woman using a tablet, surrounded by icons representing various control methods for Philips Hue: Hue app, Smart Switches, Motion Sensors, Voice Control (Alexa, Google Home, Matter).

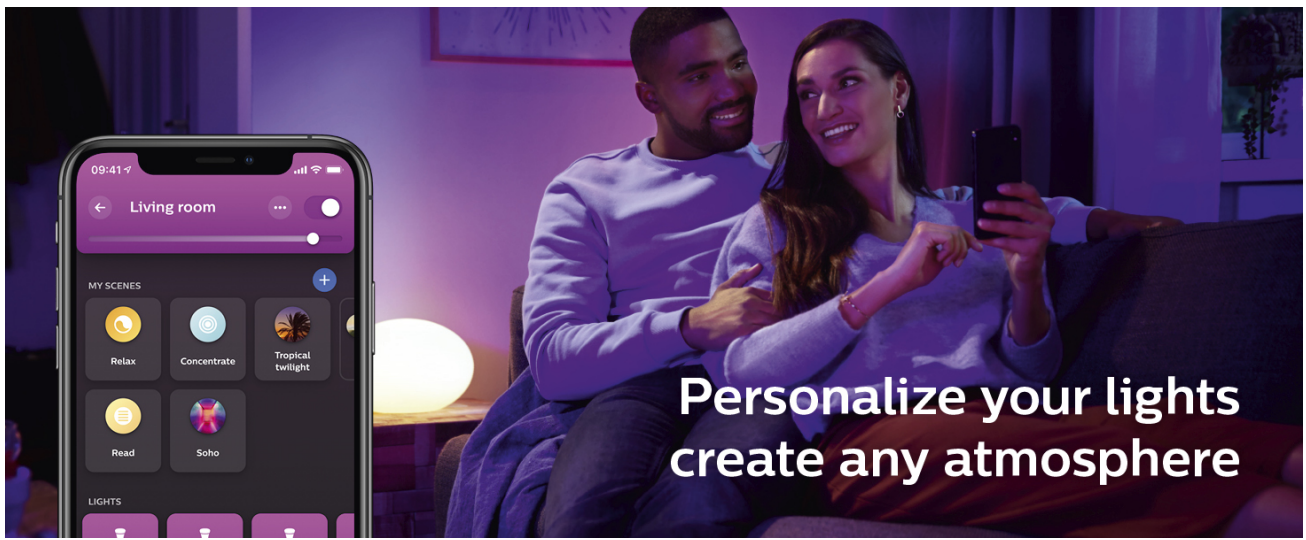


Image showing Philips Hue lights syncing with media (movies, games, music) to create immersive lighting experiences in a living room and gaming setup.

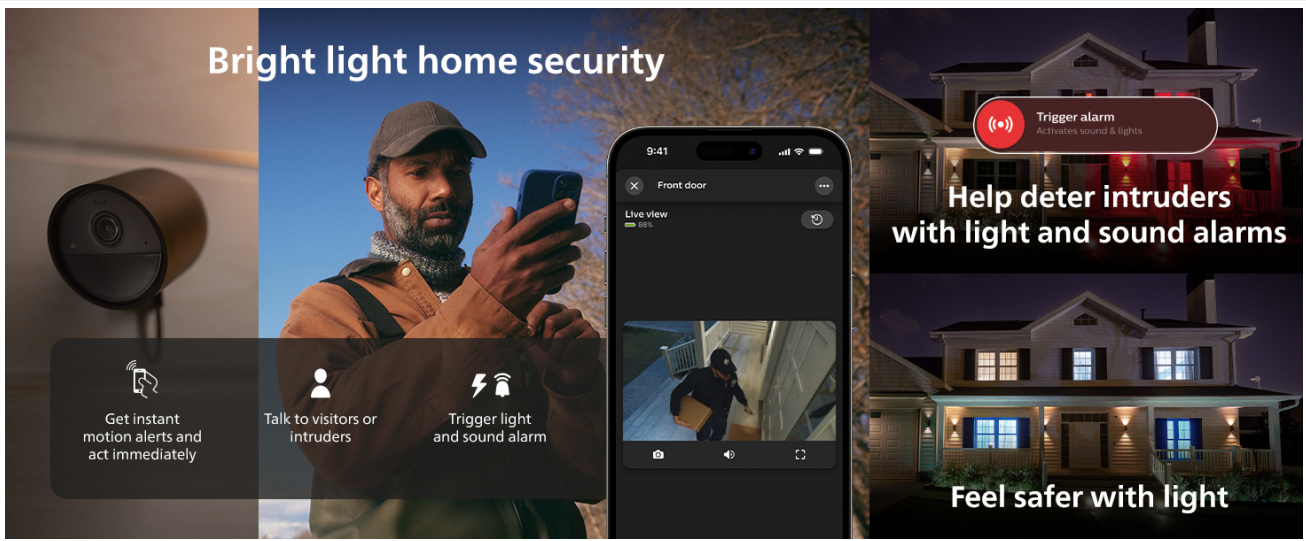


Image demonstrating Philips Hue for home security, showing a smartphone app with a live view of a front door, and exterior lights deterring intruders with light and sound alarms.



Image illustrating Philips Hue's well-being lighting features, showing a smartphone app setting a light automation for morning wake-up, and a man working under optimized lighting.

3.5. Official Operating Video

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Official Philips Hue brand video demonstrating the versatility of Hue smart lights, including color changes, dimming, and control through the app and voice commands.

4. MAINTENANCE

The Philips Hue Smart A21 LED bulb is designed for long-lasting performance with minimal maintenance. Follow these guidelines to ensure optimal operation:

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Handling:** Handle the bulb by its base, not the glass or plastic dome, to avoid damage.
- **Environment:** Use the bulb in dry, indoor environments within its specified operating temperature range. Avoid exposure to excessive heat or moisture.
- **Firmware Updates:** Regularly check the Philips Hue app for firmware updates to ensure your bulb has the latest features and security improvements.

5. TROUBLESHOOTING

If you encounter issues with your Philips Hue Smart A21 LED Bulb, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture; bulb not screwed in properly; bulb is faulty.	Check power switch and circuit breaker. Ensure bulb is securely screwed in. Test bulb in another working fixture.
Cannot connect via Bluetooth.	Out of Bluetooth range; Bluetooth disabled on device; app issue.	Move closer to the bulb. Enable Bluetooth on your smartphone/tablet. Restart the Philips Hue Bluetooth app.

Problem	Possible Cause	Solution
Cannot connect to Hue Bridge.	Bridge not powered or connected to router; bulb out of range of Bridge; network interference.	Ensure Hue Bridge is powered and connected to your router. Move bulb closer to the Bridge or add a repeater. Check for Wi-Fi interference.
Lights are unresponsive or flickering.	Poor connection; dimmer switch incompatibility; firmware issue.	Check connection to app/Bridge. Ensure you are not using an incompatible dimmer switch (Hue bulbs require constant power). Update bulb firmware.
Colors are not accurate.	Calibration issue; app settings.	Recalibrate the bulb in the Philips Hue app. Ensure correct scene or color is selected.

6. SPECIFICATIONS

Feature	Detail
Brand	Philips Hue
Model Number	562982
Light Type	LED
Bulb Shape Size	A21
Bulb Base	E26
Wattage	16 watts
Incandescent Equivalent Wattage	100 Watts
Brightness	1600 Lumens
Light Color	Warm White, Multicolor (White and Color Ambiance)
Color Temperature Range	2000K - 6500K
Special Feature	Color Changing, Dimmable
Indoor Outdoor Usage	Indoor
Power Source	Corded Electric
Control Method	App, Remote, Touch, Voice
Connectivity Technology	Wireless
Connectivity Protocol	Zigbee (with Hue Bridge), Bluetooth
Smart Home Compatibility	Amazon Alexa, Google Assistant, Apple HomeKit, Matter
Light Source Operating Life	25000 Hours
Item Weight	0.15 Kilograms
Item Dimensions (W x H)	2.8"W x 5.2"H
Material Type	Synthetic Polymer (PMMA)

Feature	Detail
Manufacturer	Signify North America Corporation
UPC	046677562984

7. WARRANTY

The Philips Hue Smart 100W A21 LED Bulb comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Philips Hue website or contact customer support.

8. SUPPORT

For further assistance, product information, or to access the full range of Philips Hue products and accessories, please visit the official Philips Hue website or contact their customer support:

- **Official Website:** www.philips-hue.com
- **Philips Hue App:** Available on iOS App Store and Google Play Store.
- **Customer Service:** Refer to the Philips Hue website for regional contact information and support options.