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Philips 562447

Philips Smart WiZ Connected B12 Tunable White LED Bulb User Manual

Model: 562447

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Philips Smart WiZ Connected B12 Tunable White LED Bulbs. These bulbs offer advanced lighting control through Wi-Fi connectivity, allowing for dimming, tunable white light adjustment, and voice control via the WiZ app.

IMPORTANT SAFETY INFORMATION

- **Electrical Safety:** Always disconnect power before installing or removing bulbs.
- **Indoor Use Only:** These bulbs are designed for indoor use in dry locations.
- **Compatibility:** Ensure the bulb's base (E12) and wattage (40W equivalent) are compatible with your fixture.
- **Dimming:** These bulbs are dimmable via the WiZ app or compatible voice control devices, not standard dimmer switches.
- **Not for Enclosed Fixtures:** Avoid using in fully enclosed luminaires as this may shorten bulb life.
- **Disposal:** Dispose of electronic products responsibly according to local regulations.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 4 x Philips Smart B12 Tunable White Bulbs



Image: Four Philips Smart B12 Tunable White LED bulbs shown in their individual retail boxes.

SETUP INSTRUCTIONS

1. Install the Bulb:

Carefully screw the Philips Smart B12 LED bulb into a compatible E12 socket. Ensure the power to the fixture is off before installation.

Easy plug and play



1. Put in your light bulb



2. Download the WiZ app

Image: Step 1 of installation, showing a hand screwing the bulb into a fixture.

2. Download the WiZ App:

Download the WiZ app from your smartphone's app store (available for iOS and Android). The WiZ app is required for smart control features.

Dimmable light



Image: A smartphone screen showing the WiZ app, illustrating app control.

3. Connect to Wi-Fi:

Follow the in-app instructions to connect your Philips Smart bulbs to your existing 2.4 GHz Wi-Fi network. No additional hub is required.

OPERATING YOUR PHILIPS SMART BULBS

1. App Control

The WiZ app provides full control over your lighting. You can:

- Turn lights on/off.
- Adjust brightness (dimming).
- Change color temperature from warm white to cool daylight.
- Set schedules and timers.
- Create custom light scenes.



Wi-Fi



Dimmable



Warm to cool light



Voice control



Timers and schedules



Control everywhere

Connected by

WiZ

Image: Visual representation of the bulb's features including Wi-Fi, voice control, dimming, timers, and tunable white light.

2. Voice Control

Integrate your Philips Smart bulbs with popular voice assistants for hands-free control:

- **Google Assistant:** "Hey Google, turn on the living room lights."
- **Amazon Alexa:** "Alexa, dim the bedroom lights to 50%."
- **Siri Shortcuts:** Set up custom phrases for specific actions.

Voice control

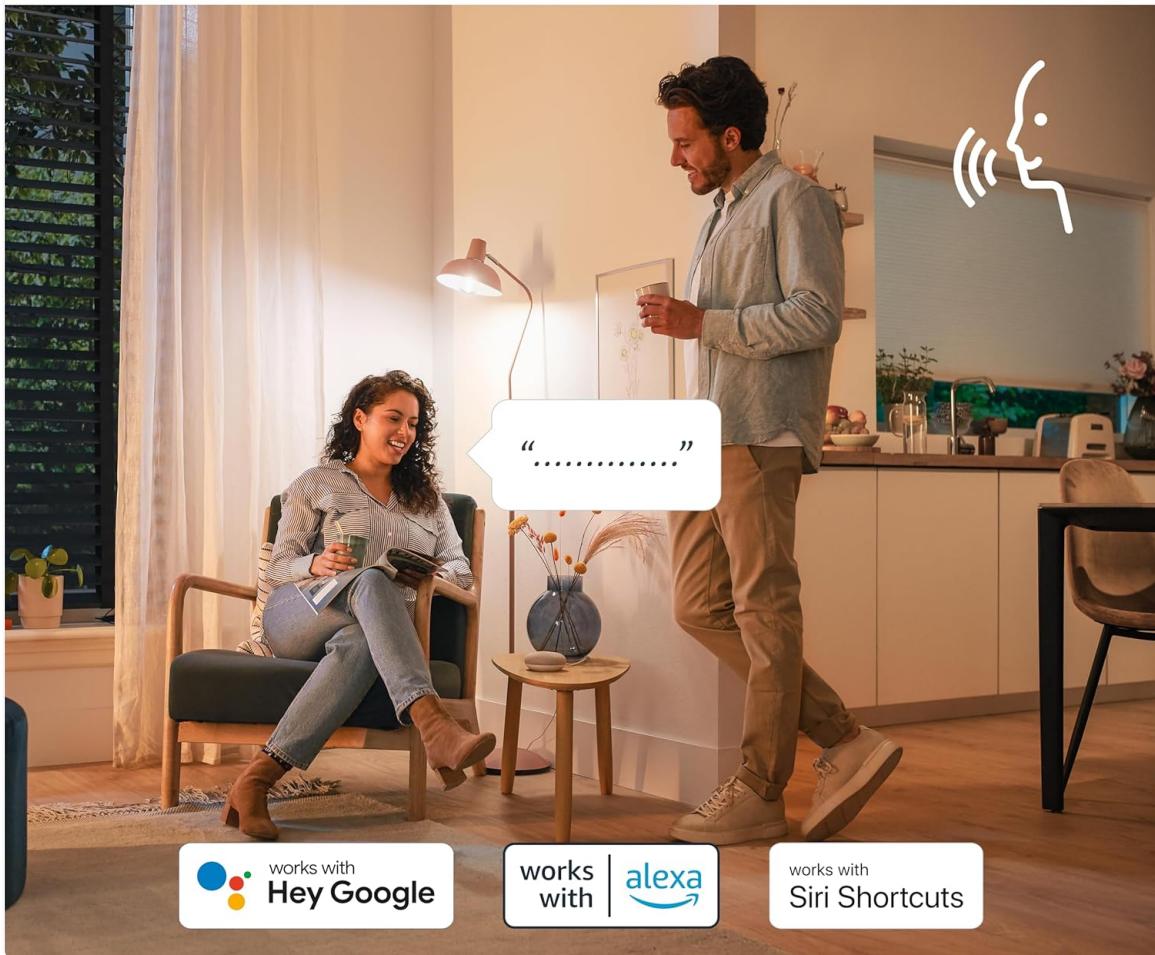


Image: An illustration of voice control in action, showing compatibility with Google Assistant, Alexa, and Siri Shortcuts.

3. Tunable White Light

Adjust the color temperature to suit your mood or activity, from warm white (2700K) for relaxation to cool daylight (6500K) for focus.

Warm to cool white

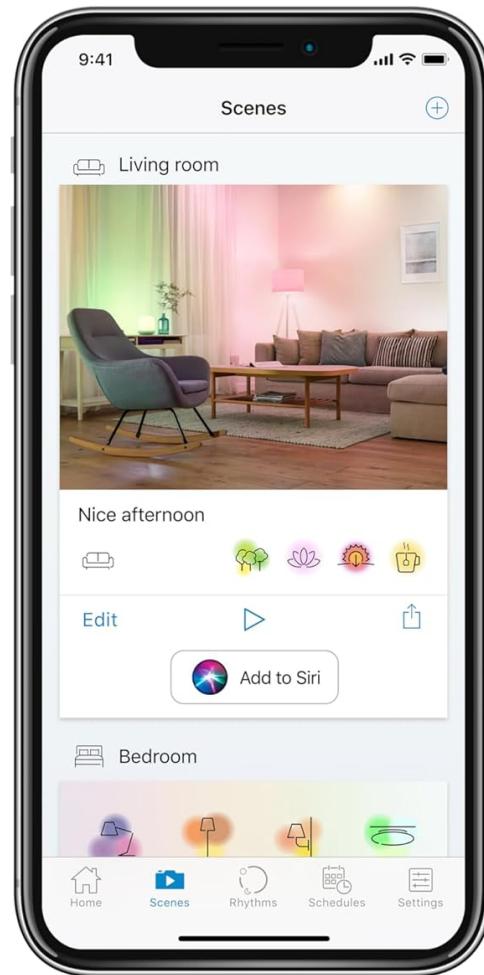


Image: A comparison showing the same room illuminated with warm white light (left) and cool white light (right) from the bulbs.

4. Dimming

Smoothly dim your lights to create the perfect ambiance for any occasion.

Connected by wiz



SMART LIGHTING FOR YOUR DAILY LIVING

Image: A room demonstrating the dimming capability of the bulbs, showing a bright setting on the left and a dimmed setting on the right.

5. Customizing Your Lighting

The Philips Smart LED bulbs allow for extensive customization of your lighting experience, including dimming and color temperature adjustments to create various ambiances.

Your browser does not support the video tag.

Video: Demonstrates how Philips LED dimmable lights can be customized to create different lighting moods.

MAINTENANCE

- **Cleaning:** Ensure the bulb is cool and power is off before cleaning. Wipe with a soft, dry cloth. Do not use liquid or abrasive cleaners.
- **Longevity:** LED bulbs are designed for long life and typically do not require replacement for many years under normal use.

TROUBLESHOOTING

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.
Bulb won't connect to WiZ app.	Incorrect Wi-Fi password; 5GHz Wi-Fi network; too far from router; network interference.	Verify Wi-Fi password. Ensure you are connecting to a 2.4 GHz network. Move bulb closer to router. Reduce interference from other devices. Reset bulb and try pairing again.
Flickering lights.	Incompatible dimmer switch; unstable power supply; stroboscopic effect.	These bulbs are not compatible with traditional dimmer switches. Control dimming via the WiZ app or voice control. Ensure stable power supply. Philips LED lighting minimizes flicker.

Understanding Flicker and Stroboscopic Effect

Flickering lights can cause eye strain and headaches. LEDs can flicker due to their rapid response to driver current, which can also lead to a stroboscopic effect where continuous motion appears broken up. Philips LED lighting is designed to minimize these effects for comfortable viewing.

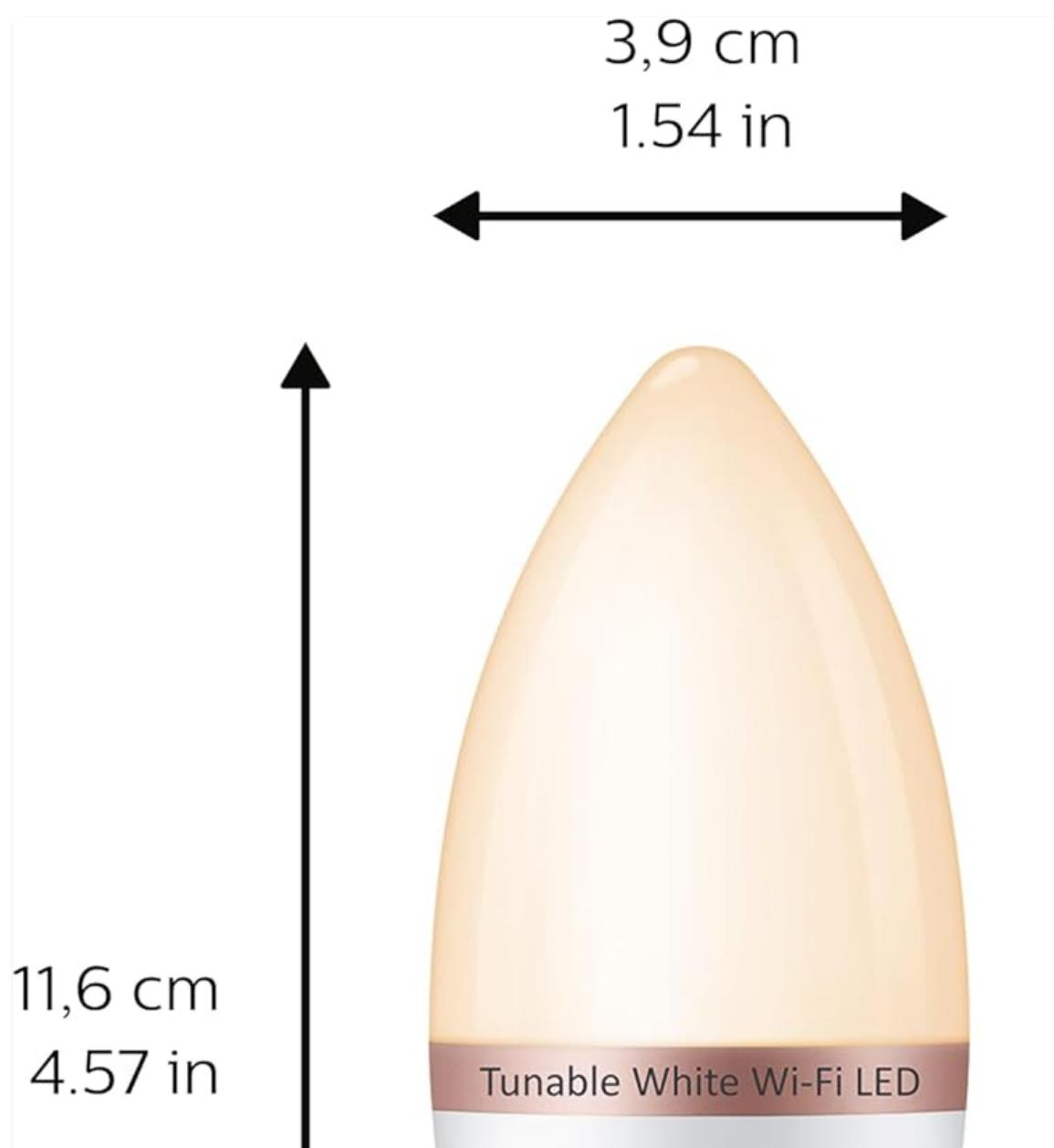
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Video: Explanation of LED flicker and stroboscopic effect, and how Philips LED technology addresses it.

SPECIFICATIONS

Feature	Detail
Brand	Philips
Model Name	3.9B12/Wi-Fi BLE Tunable/927-65 4/1PF
Item Model Number	562447
Light Type	LED
Special Feature	Dimmable, Tunable White
Wattage	40 Watts (Incandescent Equivalent)

Feature	Detail
Bulb Shape Size	B11
Bulb Base	E12
Brightness	450 Lumens
Voltage	120 Volts (Accepted: 100 to 240 Volts)
Frequency	60 Hertz
Indoor/Outdoor Usage	Indoor
Control Method	App, Voice (WiZ app, Google Assistant, Amazon Alexa, Siri Shortcuts)
Material	Plastic
Item Weight	11.7 ounces
Package Dimensions	11.89 x 7.95 x 2.91 inches



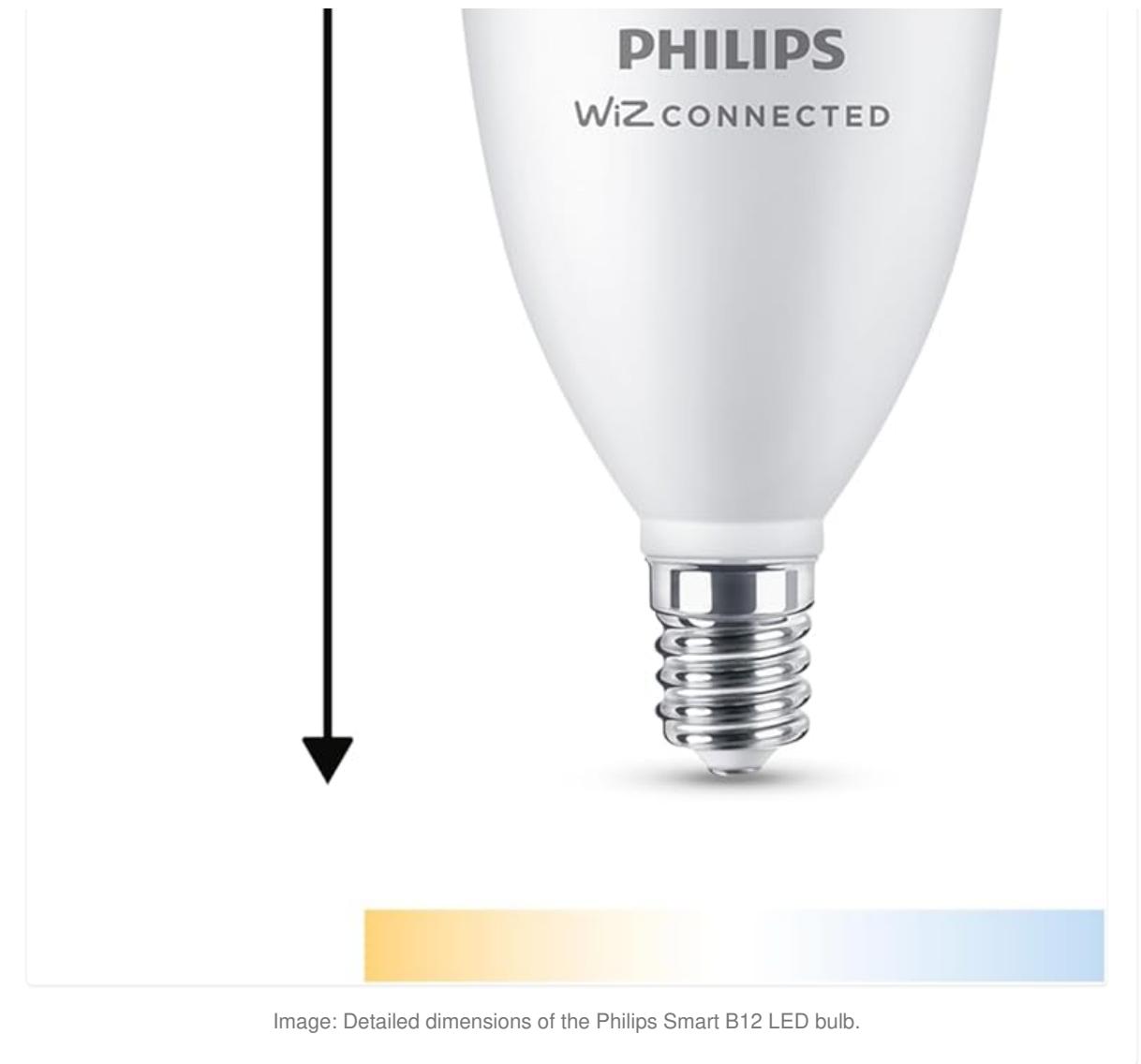


Image: Detailed dimensions of the Philips Smart B12 LED bulb.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Philips website or contact Philips customer service. Keep your purchase receipt as proof of purchase.

Note: These bulbs are not compatible with Philips Hue systems.