

Brilliance WIFI-SMART-SOCKET-3

Brilliance WiFi Smart Socket 3.0 User Manual

Model: WIFI-SMART-SOCKET-3



A Higher Light Form

1. INTRODUCTION

The Brilliance WiFi Smart Socket 3.0 is an advanced smart device designed to provide convenient control over your lighting and electronic devices. This smart socket allows you to manage your connected items remotely from anywhere in the world using the Brilliance Smart app, and offers voice control compatibility with popular smart assistants like Amazon Alexa and Google Assistant. It is specifically engineered to integrate with landscape lighting transformers but can also be used in other outdoor enclosures or indoors for various electronic devices.

2. SAFETY INFORMATION

Please read all safety instructions before installing and operating the Brilliance WiFi Smart Socket 3.0. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** This device operates on 120 VAC. Ensure power is disconnected before installation or maintenance.
- **Proper Use:** Designed for use in outdoor enclosures for lighting and decor, and indoors for any electronic device. Ensure the enclosure provides adequate protection for the socket.
- **Water Exposure:** While designed for outdoor enclosures, avoid direct exposure to water unless the enclosure is rated for such conditions. The conformal coating protects circuits against humidity, but not direct submersion.

- **Operating Temperature:** Do not operate outside the specified temperature range of 14°F to 104°F (-10°C to 40°C).
- **Professional Installation:** If you are unsure about any part of the installation process, consult a qualified electrician.

3. PRODUCT OVERVIEW

The Brilliance WiFi Smart Socket 3.0 features a compact design with an external antenna for improved Wi-Fi signal reception. It is built with durable materials and includes protective features for reliable performance.

Key Features:

- Original OEM Brilliance Parts.
- New antenna promotes improved Wi-Fi signal.
- Plugs directly into a standard 120 VAC outlet.
- Made for indoor or outdoor enclosures.
- Conformal coating circuits protect against humidity.
- Control landscape lighting and electronics from the Brilliance Smart App.
- Turn on or off from anywhere.
- Set and change timers.
- Share devices with family.
- Use third-party controls like Alexa and Google Assistant.
- Android and iOS compatible.
- ETL Listed in US and Canada (ETL Listed Mark: 5025307).
- Easy access to instructions via QR code on top.

Product Components:



Front view of the Smart Socket 3.0, showing the power button and branding.



The Smart Socket 3.0 with its external antenna attached, enhancing Wi-Fi signal.



The Smart Socket 3.0, antenna, and connecting cable, illustrating the full assembly.

4. SETUP AND INSTALLATION

Follow these steps to set up your Brilliance WiFi Smart Socket 3.0.

4.1 Physical Installation:

1. **Unpack:** Carefully remove the Smart Socket 3.0 and its components from the packaging.
2. **Antenna Installation:** Screw the external antenna into the designated port on the side of the Smart Socket. Ensure it is finger-tight.
3. **Placement:** Plug the Smart Socket directly into a 120 VAC outlet. For outdoor landscape lighting applications, it is designed to fit into a landscape lighting transformer in place of a traditional photocell. Ensure it is placed within a suitable outdoor enclosure if used outdoors.
4. **Power On:** Once plugged in, the device will power on.



The Brilliance WiFi Smart Socket 3.0 securely installed within an outdoor electrical enclosure, demonstrating typical placement for landscape lighting systems.

4.2 App Download and Wi-Fi Pairing:

1. **Download Brilliance Smart App:** Scan the QR code located on the top of the Smart Socket or search for "Brilliance Smart" in the Apple App Store (for iOS devices) or Google Play Store (for Android devices).
2. **Create Account:** Open the app and follow the on-screen instructions to create a new user account or log in if you already have one.
3. **Add Device:** In the Brilliance Smart app, select the option to add a new device. Follow the in-app prompts to

put the Smart Socket into pairing mode.

4. **Connect to Wi-Fi:** Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network. The Smart Socket requires a consistent 2.4 GHz Wi-Fi signal with a dBm strength of -70 or better at the installation location. Enter your Wi-Fi network password when prompted in the app.
5. **Complete Pairing:** The app will guide you through the final steps to connect the Smart Socket to your Wi-Fi network and register it to your account. Once connected, you can rename the device for easy identification.

WI-FI SMART SOCKET 3.0

RoHS FC ETL US Intertek 5025307

DESCRIPTION

The Brilliance Wi-Fi Smart Socket 3.0 is designed specifically to pair with a landscape lighting transformer in lieu of a traditional photocell, however you can also use it in outdoor enclosures for lighting and decor, and even indoors for any electronic device. Remotely control your lighting and electronics from anywhere in the world with the Brilliance Smart app.

WI-FI SMART SOCKET 3.0 FEATURES

- New antenna promotes improved Wi-Fi signal
- Plugs directly into 120 VAC outlet
- Made for indoor or outdoor enclosures
- Conformal coating circuits protect against humidity
- Control landscape lighting and electronics from Brilliance Smart App
 - Turn on or off from anywhere
 - Set and change timers
 - Share devices with family
 - Use third-party controls like Alexa and Google Assistant
- Android and iOS compatible
- ETL Listed in US and Canada
- Easy access to instruction via QR code on top

WI-FI SMART SOCKET 3.0 SPECS

Operating Range	14°F to 104°F
Capacity	10 Amps
Input Voltage	120 VAC
ETL Listed Mark	5025307
IP	61
Warranty (years)	2

Part Number:
BRI-WIFI-SMART-SOCKET-3

TECHNICAL REQUIREMENTS: Must have consistent 2.4 GHz Wi-Fi signal at the installation location with dBm strength of -70 or better. See the Brilliance Smart Products Guide for more information and troubleshooting. Must be placed in landscape lighting transformer or in a covered receptacle box.

Technical diagram of the Smart Socket 3.0, showing dimensions, features, and app download options. Note the QR code for easy access to instructions.

5. OPERATING INSTRUCTIONS

Once your Brilliance WiFi Smart Socket 3.0 is set up, you can begin controlling your devices.

5.1 Using the Brilliance Smart App:

- **On/Off Control:** From the app's main screen, tap on the Smart Socket device icon to toggle the connected device on or off.
- **Scheduling:** Access the scheduling feature within the app to set timers for automatic on/off operations. You can create daily, weekly, or custom schedules.
- **Remote Access:** Control your Smart Socket from anywhere with an internet connection, whether you are at home or away.
- **Device Sharing:** Share control of your Smart Socket with family members or trusted individuals through the app's device sharing function.

5.2 Voice Control (Alexa/Google Assistant):

To enable voice control, link your Brilliance Smart account with your Amazon Alexa or Google Assistant app.

1. Open your Alexa or Google Home app.
2. Navigate to the "Skills & Games" (Alexa) or "Works with Google" (Google Home) section.
3. Search for "Brilliance Smart" and enable the skill/service.
4. Log in with your Brilliance Smart account credentials.
5. Discover devices. Your Smart Socket will now be controllable via voice commands.

Example Voice Commands:

"Alexa, turn on [Device Name]."

"Hey Google, turn off [Device Name]."

6. MAINTENANCE

The Brilliance WiFi Smart Socket 3.0 is designed for low maintenance. The internal circuits are protected by a conformal coating to resist humidity. For general cleaning, ensure the device is unplugged and wipe the exterior with a dry, soft cloth. Do not use liquid cleaners or immerse the device in water.

7. TROUBLESHOOTING

If you encounter issues with your Smart Socket, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not connecting to Wi-Fi	Weak 2.4 GHz Wi-Fi signal; Incorrect Wi-Fi password; Router too far; 5 GHz network selected.	Ensure your Wi-Fi is 2.4 GHz. Check signal strength (-70 dBm or better). Move router closer or use a Wi-Fi extender. Re-enter password carefully.
Device offline in app	Loss of power; Wi-Fi network change; Internet outage.	Check power supply to the socket. Verify your home internet connection. If Wi-Fi changed, re-pair the device.
Voice control not working	Skill/service not enabled; Incorrect device name; Microphone issue.	Ensure Brilliance Smart skill is enabled in Alexa/Google Home app. Use the exact device name. Check your smart speaker's microphone.
Socket not responding to app commands	Device offline; App glitch.	Check if the device is online in the app. Close and reopen the Brilliance Smart app. Try unplugging and replugging the socket.

For more detailed troubleshooting and support, please refer to the Brilliance Smart Products Guide, accessible via the QR code on the device or at <http://l.ead.me/bb0W7X>.

8. SPECIFICATIONS

Attribute	Detail
Model Number	WIFI-SMART-SOCKET-3
Brand	SPW / Brilliance
Operating Range	14°F to 104°F (-10°C to 40°C)
Capacity	10 Amps
Input Voltage	120 VAC
ETL Listed Mark	5025307
IP Rating	61
Material	Plastic
Color	White
Number of Wires	3
Package Dimensions	3.5 x 3.25 x 2.25 inches
Weight	6.4 ounces
Date First Available	January 23, 2024

9. WARRANTY INFORMATION

The Brilliance WiFi Smart Socket 3.0 comes with a **2-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or improper installation. For full warranty terms and conditions, please visit the official Brilliance website or contact customer support.

10. SUPPORT

For further assistance, technical support, or to provide feedback, please utilize the following resources:

- **Brilliance Smart App:** The app often includes a help section or FAQ.
- **Online Resources:** Visit the Brilliance website for product documentation, FAQs, and support articles.
- **Brilliance Smart Products Guide:** Access the comprehensive guide for detailed information and troubleshooting tips at <http://l.ead.me/bb0W7X>.