PRODUCT GUIDE FOR

SMART PRODUCTS
+ CONTROLS

BRILLIANCE™
A HIGHER LIGHT FORM®

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SMART PRODUCTS + CONTROLS

MR16 CHAMELEON

G4 CHAMELEON

PAR36 CHAMELEON

WI-FI SMART SOCKET 2

BRILLIANCE
DIMMER

WI-FI SMART SOCKET 2

FEATURES

• Designed specifically for landscape lighting transformers
• Plugs directly into 120 VAC outlet
• Made for indoor or outdoor enclosures
• Control landscape lighting 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

Intertek
5018060

NOTE

This product Patent Pending.

WI-FI SMART SOCKET 2 SPECS

Operating Range	-29°F to 118°F
Capacity	10 Amps
ETL Listed Mark	5018060
Warranty (years)	1

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.

BRILLIANCE DIMMER



MADE IN AMERICA

FEATURES

- Installs in single-gang deep junction box on the low-voltage side of magnetic step-down transformer
- Includes: Dimmer Plate; Gasket; Wire Nuts; Plate Screws; Spare Fuse; Set Up Instructions

BRILLIANCE LED DIMMER SPECS

Wattage	120
Operating Range	12 VAC
Capacity	10 Amps
Minimum Load	None
IP	63
Warranty (years)	3

TECHNICAL REQUIREMENTS: Always use the supplied gasket to protect against water ingress. In applications where the environment can be extremely wet, we recommend using a cover to protect against water ingress.
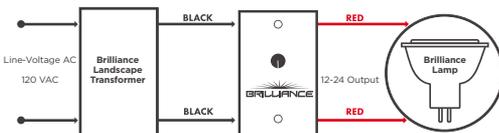
TRANSFORMERS

FEATURES

- UL 1838 Certified
- Secondary circuit breaker
- Two knockout sizes for conduit
- Removable bottom & 4ft Grounded plug
- Canted terminal block for easy access

TRANSFORMER SPECS

Wattage	75	150	300	600
Finish	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Photocell/Timer	Included	Compatible	Compatible	Compatible
Secondary Circuit Breaker	Red	Orange	White	Circuit #1 & Circuit #2, White
Multi Tap	12V, 15V	12V, 13V, 14V, 15V	12V, 13V, 14V, 15V	12V, 13V, 14V, 15V
Dimensions (in.)	3.75 x 5.75 x 4.25	5.25 x 17 x 5.25	5.25 x 17 x 5.25	6.5 x 17 x 5.5
Dimmable	On Primary Side	On Primary Side	On Primary Side	On Primary Side
Warranty	Lifetime	Lifetime	Lifetime	Lifetime

TECHNICAL REQUIREMENTS: Design and plan lighting systems with volt amps in mind. Use the Brilliance Volt Amps chart to estimate the total draw on the system and choose the appropriate size of transformer accordingly.

CHAMELEON SERIES SMART LAMPS

FEATURES

- Wi-Fi enabled
- RGBW - 2200K to 5700K and a wide range of reds, greens, and blues
- Control landscape lighting from your smart phone
- Use Brilliance Smart app to change lamp settings
    - ⁰ Turn on and off
    - ⁰ Set and change colors
    - ⁰ Set and control dimming
    - ⁰ Set and control schedules
    - ⁰ Set astronomical timers for sunrise/sunset
    - ⁰ Program custom scenes to run with one tap
    - ⁰ Control devices independently or as a group
- Android and iOS compatible

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.

Download on the **App Store**

GET IT ON **Google Play**

Scan QR Code to Download app

SPECS	G4	MR16	PAR36
Wattage	2.5	6	9
Lumens	190-250	328-441	442-686
Beam Spread	Omni-Directional	38°	15°, 30°, 60°
Input Voltage	8-18 VAC/DC	11-18 VAC/DC	8-25 VAC/DC
Replaces	20W Halogen	35W Halogen	35W Halogen
CRI	80	80	80
IP	65	61	67
Dimensions	0.86" x 2.16"	2" x 2"	4.37" x 2.29"
Lamp Life (hrs)	50,000	50,000	50,000
Warranty (yrs)	5	5	5

STEP 1: ACCESSING THE BRILLIANCE SMART APP

• Download Brilliance Smart App from the iOS App Store or Google Play
• Set up your account using an email address or mobile phone number

Scan QR Code to Download app

STEP 2: CONNECTING TO WI-FI

While on the job site, use your mobile device and open the settings.

• Go to the Wi-Fi networks
• Select the 2.4GHz Wi-Fi network
• For example, it may look like this:

    Joneshouse
    Joneshouse5g
    You would select **Joneshouse**

Some networks may reflect only one Wi-Fi address. This normally means that 2.4GHz and 5GHz are running simultaneously on the same network. **Note that only 2.4GHz Wi-Fi networks are supported.**

STEP 3: CHECKING FOR WI-FI DISTANCE

Tools Needed:
Red Marking Flags
Green Marking Flags

For Chameleons:
Brilliance Programming Puck with Battery Pack
Your Favorite Fixture with Male Spade Connections

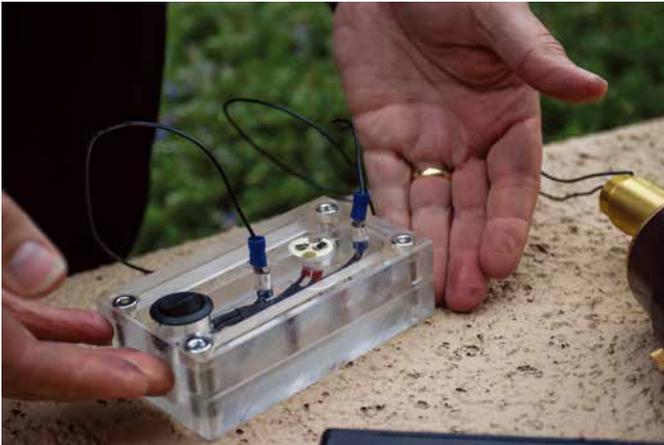**For Smart Socket**:
Red Marking Flags
Green Marking Flags

STEP 4: TESTING FOR CONNECTION IN BRILLIANCE SMART APP

Be sure you are on the customer's 2.4GHz Wi-Fi

• Go to the furthest point on the property
• Be sure the Chameleon lamp is installed inside your fixture
• Plug the male spade connectors into the female spade connections on the programing puck

STEP 5: USING FLAGS TO IDENTIFY WI-FI SIGNAL STRENGTH

• Plug the programming puck into the battery pack. Turn on the battery.
• Use the set-up instructions for the device
> • If only one Wi-Fi network is available, use the Advanced Pairing (AP) Mode of connection
• If you can **connect, mark the spot with a green flag**. If not, try a second time.
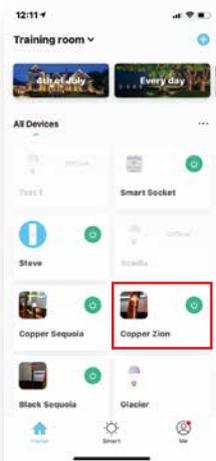
STEP 5: CONTINUED

• After second try, if there is **no connection, place a red flag** in the spot.
• Continue this process wherever you plan to install Chameleon lamps.
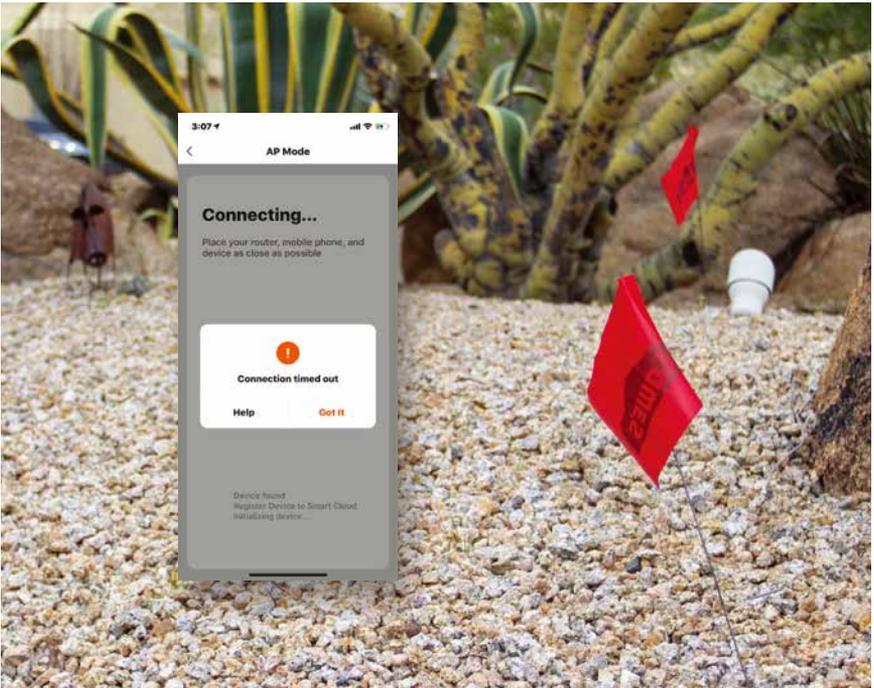
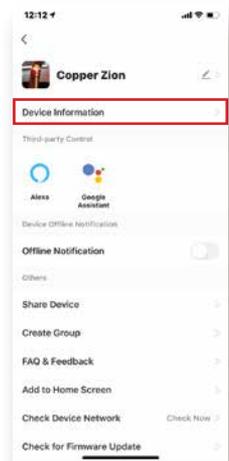# STEP 6: VERIFY THE DECIBEL MILLIWATT (dBm) STRENGTH IN SMART APP

From the Home screen of the app, tap the device you want to verify

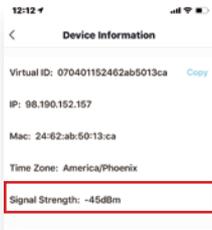On the next screen, tap the Edit button at the upper-right corner
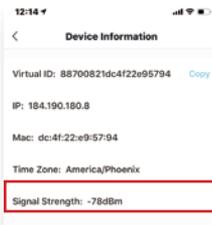
On the Edit screen, tap Device Information

STEP 6: CONTINUED

The Signal Strength is displayed on the Device Information screen

-45 dBm is great

Continuum of dBm Strength

-30 dBm = Great Reception

-40 dBm = Great Reception

-50 dBm = Great Reception

-60 dBm = Good Reception

-70 dBm = Marginal Reception

-80 dBm = Poor Reception

-78 dBm is marginal

STEP 7: SHOWING THE VISUAL REPRESENTATION OF WI-FI STRENGTH

• After this process, you will be able to show the end user where the Wi-Fi is strong and where Wi-Fi enhancements need to be made
• Use this method for Smart Sockets and Zone Controls also

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