PRODUCT GUIDE FOR

SMART PRODUCTS
+ CONTROLS

BRILLIANCE
A HIGHER LIGHT FORM®

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SMART PRODUCTS + CONTROLS

MR16 CHAMELEON

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PAR36 CHAMELEON
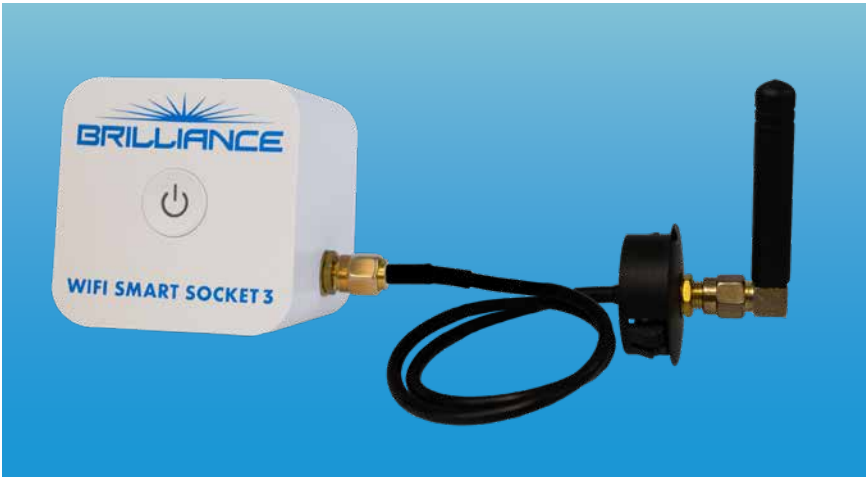
WI-FI SMART SOCKET 3

BRILLIANCE
DIMMER

SECTOR
SELECTOR

WI-FI SMART SOCKET 3

FEATURES

- Designed specifically for landscape lighting transformers
- Plugs directly into 120 VAC outlet
- Made for indoor or outdoor enclosures
- Conformal coating circuits protect against humidity
- 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
5025307

WI-FI SMART SOCKET 3.0 SPECS

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

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

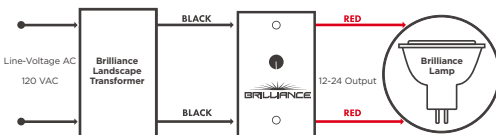

MADE IN AMERICA

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.

Line-Voltage AC 120 VAC — Brilliance Landscape Transformer — BLACK / BLACK — BRILLIANCE — 12-24 Output — RED / RED — Brilliance Lamp

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, 14V, 16V, 18V 20V 22V
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.
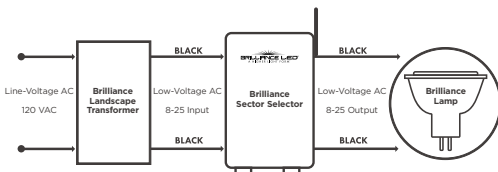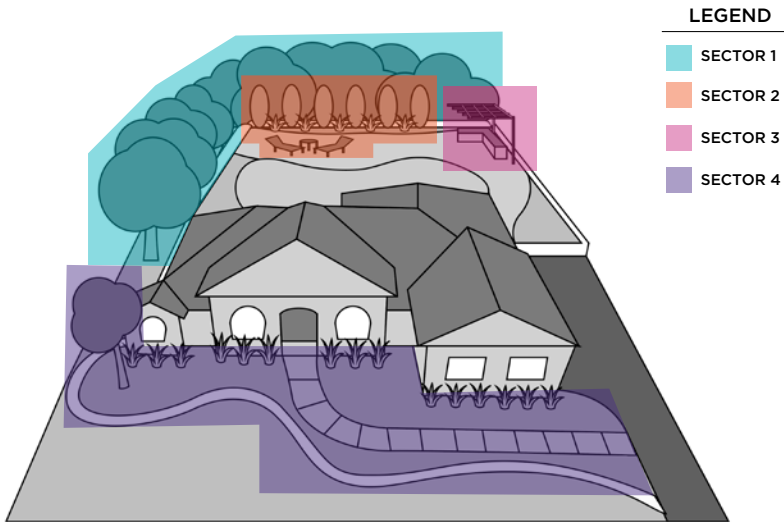
SECTOR SELECTOR

FEATURES

- Compatible with any transformer and works on AC/DC
- Create up to four zones on a single transformer, with up to 200 Watts per sector, and manage with the Brilliance Smart App
- Fitted with two 3/4" PVC conduit adapters to accommodate four 12-2 AWG cables
- Installs on the low-voltage side of magnetic transformer
- Includes: Sector Selector Enclosure; (4) Enclosure Mounting Tabs with Screws; (4) Exterior Mounting Anchors with Screws; High Range Antenna; (20) U Connectors; (2) Terminal Covers; Sector Chart; Product and Installation Guide

SECTOR SELECTOR SPECS

Wattage	200 per sector
Input Voltage	8-25 VAC/DC
Capacity	800W
Minimum Load	None
Warranty (years)	3

Use the Brilliance Sector Selector to create specific zones that can be controlled independently from a single transformer. The Sector Selector can split a single transformer into four separate zones with up to 200 watts to each zone.

You can use zones to separate lighting schedules and scenarios to create special scenes or layers of light in your landscaping. For example, you can separate the front yard from the back yard, or use zones to independently control lighting for water/architectural features, outdoor kitchens, pool and spa areas, outdoor decks or seating areas, or path and garden lighting.

INSTALLATION AND OPERATIONAL REQUIREMENTS: See the Product Guide for full installation and operational requirements and instructions. Before installing this unit, be sure that the transformer is powered off. The Sector Selector door must be closed and latched during operation. Before installing lamps, ensure the transformer is turned off. Hotplugging lamps may cause electrical overstress.

TECHNICAL REQUIREMENTS: Must have consistent 2.4 GHz Wi-Fi signal at the installation location with dBm strength of -70 or better.

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
    - º Turn on and off
    - º Set and change colors
    - º Set and control dimming
    - º Set and control schedules
    - º Set astronomical timers for sunrise/sunset
    - º Program custom scenes to run with one tap
    - º 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.

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
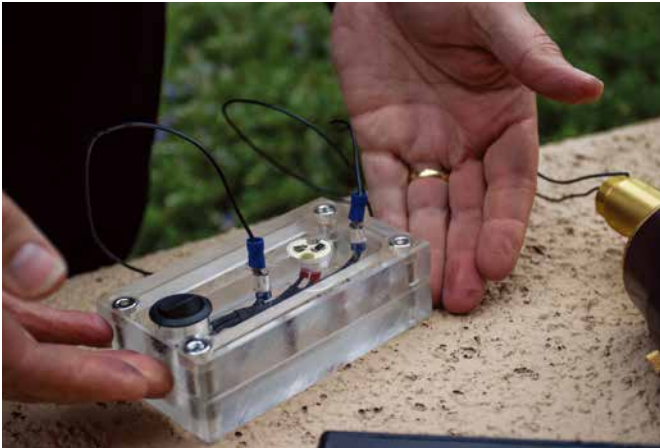
For Smart Socket:
Red Marking Flags
Green Marking Flags

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
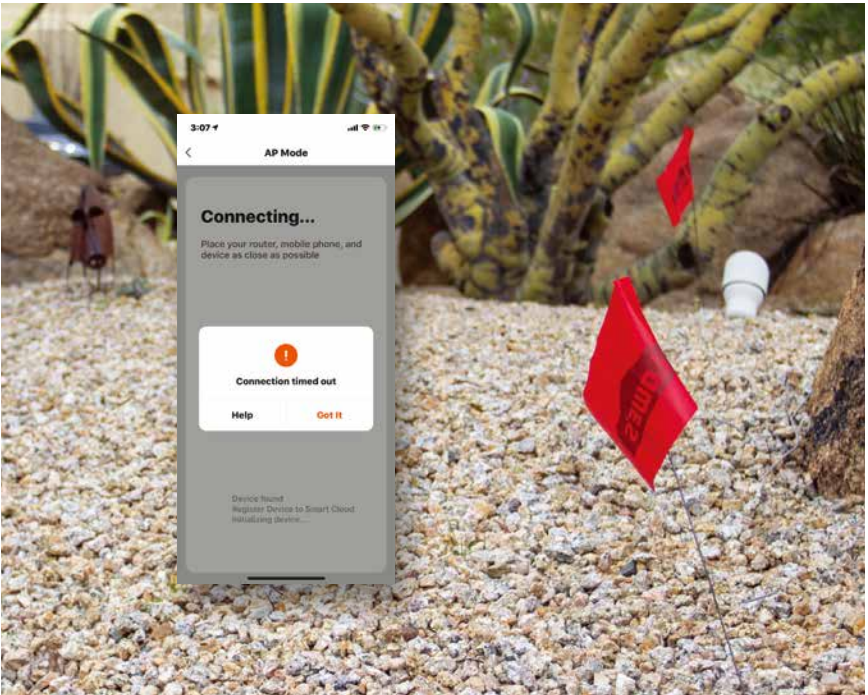• Plug the male spade connectors into the female spade connections
  on the programing puck

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.
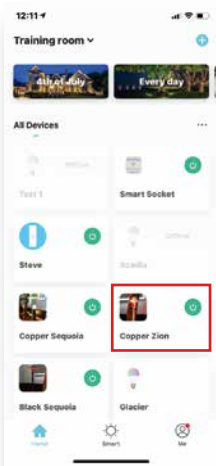
STEP 5: CONTINUED

- 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.

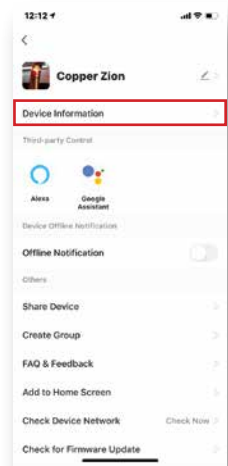# STEP 6: VERIFY THE DECIBEL MILLIWATT (dBm) STRENGTH IN SMART APP

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
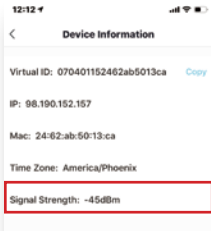
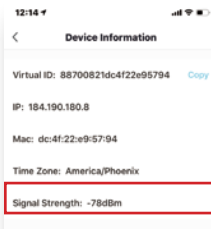On the Edit screen, tap Device Information

STEP 6: CONTINUED

The Signal Strength is displayed on the Device Information screen

-45 dBm is great

Continuum of dBm Strength

-78 dBm is marginal

-30 dBm = Great Reception

-40 dBm = Great Reception

-50 dBm = Great Reception

-60 dBm = Good Reception

-70 dBm = Marginal Reception

-80 dBm = Poor Reception

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 on all smart products

BRILLIANCE LED®
A HIGHER LIGHT FORM®

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