



## User Manual

E12-N1E  
LED Wireless BR30 Bulb



LED + Smart Control

## Features

- COLOR/CCT/ON/OFF via mobile APP.
- 16 million color options available.
- Bulb is also white tunable from 2000K to 6500K.
- Report the bulb's energy use and power consumption.
- Compatible with most smart home hubs, supporting Zigbee HA 1.2.1
- Control lighting schedules rules, and more via APP
- OpenHome™, Zigbee Alliance certified.

## Package Includes

- One E12-N1E BR30 Bulb
- Welcome card containing online user manual

## Product Specifications

- Power: 12.5 Watts
- Input: 120 Vac, 60 Hz, 115mA
- Color Temperature: 2000K-6500K
- Brightness: 940 lumens @2700K
- Light Socket: E26
- Beam Angle: 110 degrees
- Operating Temperature: -4° F ~ + 104° F
- Storage Temperature: -40° F ~ + 158° F
- Operating Humidity: 0% RH 95%, non-condensing

## Installation Instructions

Adding the bulb to any smart home hub involves the following two steps:

Step 1: Prepare the bulb to enter pairing mode.

- Turn the light switch to OFF position prior to installing the LED bulb, then screw the bulb into a standard light socket and turn the switch on.
- Brand new bulbs automatically enter pairing mode for three minutes when switched on. To re-enter pairing mode, switch the bulb off and on to restart the three-minute cycle.
- If you are unsure whether the bulb is paired, factory reset the bulb. If bulb is unpaired, the bulb will flash white, blue, green, and red then white after powering on.

Step 2: Scan and pair the bulb from smart home hub via mobile device App or hub control panel. Please read the instructions provided by the specific hub system on how to complete pairing with the bulb.

## Operations of the bulb

- **Color/CCT/On/Off control**  
Use the mobile App or home hub panel to control color, color temperature changing, on or off.
- **Rejoin wireless network from the bulb**  
Power cycle the bulb (off then back on) five times quickly. The bulb will blink two times indicating network rejoin.
- **EZ-Mode commissioning from the bulb:**  
Power cycle the bulb (off then back on) seven times quickly to enable EZ-Mode. The bulb will blink to indicate that it is in this mode for three minutes. To exit this mode earlier, power off the bulb via the wall switch, wait for two seconds and then power it back on.
- **Factory default reset**  
Power cycle the bulb (off then back on) quickly for at minimum ten times. The bulb will blink five times indicating unpaired successfully. If bulb is unpaired, the bulb will flash white, blue, green, and red then white after powering on.

## Troubleshoot the device

### Having trouble pairing with the hub?

- Try moving the bulb to a location closer to the hub. Remove obstacles or other wireless devices between the bulb and the hub.
- Ensure neither the bulb nor the hub is located near other wireless devices such as a Wi-Fi access point/router.
- After factory resetting a bulb, it will stay in pairing mode for only the next three minutes. You may re-trigger pairing mode by simply power cycling the bulb once.

### Bulb was communicating with the hub, but hub eventually loses control of the bulb.

- Check if the power cord to the bulb has been disconnected or if the power switch is in the OFF position.
- Power cycle the bulb using the wall switch. The bulb should rejoin the hub automatically.
- If the previous steps do not resolve the problem, delete the bulb from the hub, then follow the installation instructions above to add the bulb again to the hub.

## Important Safety Instructions



Dimmer Incompatible

- NOT FOR EMERGENCY LIGHTING

- RISK OF ELECTRIC SHOCK – DO NOT DISASSEMBLE.
- Do not used in dimmer circuit.
- This product is intended for outdoor.



FCC ID: 2AGN8-E12N1E

IC: 20888-E12N1E

## Federal Communications Commission (FCC) Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generate, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## RF exposure warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

## IC Radiation Exposure Statement for Canada

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type

d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

User manuals for transmitters equipped with detachable antennas shall also contain the following notice in a conspicuous location:

This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie I) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

### **IMPORTANT NOTE:**

Radiation Exposure Statement:

This equipment complies with "Industry Canada RSS-102 for radiation exposure limits set forth for an uncontrolled environment".

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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