

Leedarson Zigbee LED Bulb

Quick User Guide

Draft	Ver.	Description	Time
V	V1.0		2019.2



THANK YOU

We appreciate the trust and confidence you have placed in LEEDARSON through the purchase of Zigbee Light Bulb. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing LEEDARSON!

Product Introduction

1.1 Basic Information

CONTROL YOUR LIGHTS FROM ANYWHERE in the world from the palm of your hand. The Retrofit produces beautiful high quality light that you can dim or tune, and control from your smartphone or tablet. Easy to setup, bulbs fit into your standard household sockets - no need for installation by an electrician. A wireless network or remote controller is required to operate bulbs.

SET LIGHT SCENES: Create rich indirect light scenes in your home by dim or tune the light's color temperature from 2700 to 6500K . Schedule to turn on the lights so you don't come home to a dark house. Set automated timers, or program the bulb to gradually increase brightness in the the morning like the sunrise for a more pleasant, natural alarm.

SAVE ENERGY: LEEDARSON bulbs use up to 84% less energy than traditional incandescent bulbs and last up to 25,000 hours making them a smart choice for energy conscious homes.

1.2 Special notes for Connected Bulbs

Line Voltage Dimmer

LEEDARSON does not recommended the use of a line voltage dimmer with connected bulbs. The reason is that each connected bulb contains a radio and by reducing, or removing power through a line voltage dimmer may cause the connected bulb to not function properly.

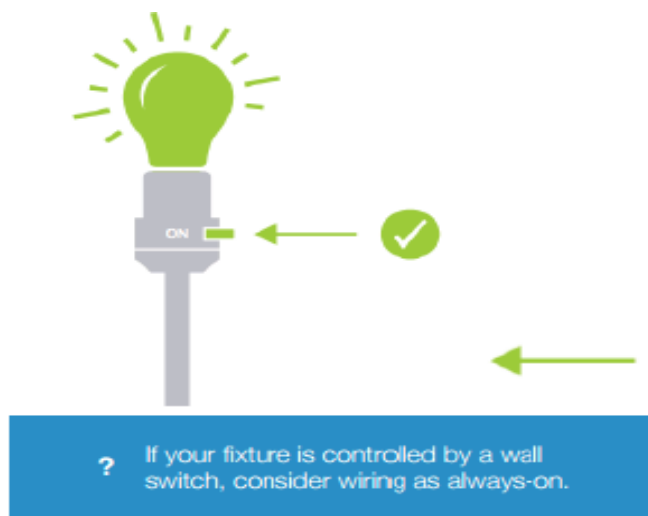


For dimming, LEEDARSON recommends using a compatible App (i.e., LEEDARSON'S LDS App) or

a compatible wireless switch that uses the same wireless protocol as the bulb.

1.3 Leave your fixture on

If your switch or fixture is OFF, or is turned OFF, then control and communication from the App, or wireless switch, to the LED Bulb is lost.



Inclusion Procedure

The following are the general procedures for the Zigbee bulb to be “included” into the network:

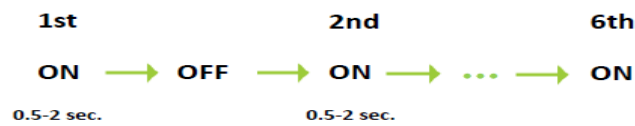
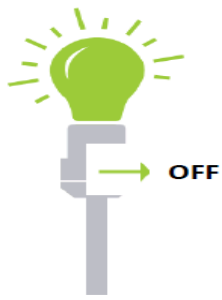
1. Screw the bulb into a standard socket.
2. Turn on the bulb with your wall switch to apply power to the bulb.
 - a) If you’re not using a wall switch, then use your alternate method to apply power to the bulb.
3. Activate the “inclusion” mode on your Zigbee controller or gateway.
 - a) This may also be done through your associated app, if your ecosystem has that capability.
4. Toggle the wall-switch, from OFF, then to ON.
 - a) Or use your alternate method to toggle power from OFF, then to ON.
5. The LED bulb will flash once if it has been successfully “included” into your Zigbee network.

Note: If you are using 3rdparty Zigbee Controller or Gateway, please refer to 3rdParty’s instruction on how to add a new device to your network.

Note 2: If the bulb will not join the network after repeated attempts, please use the Factory Reset procedures to clear the bulb’s settings.

1.4 Factory Reset Procedure

Physically switch the bulb on and off six (6) times for intervals of 0.5-2seconds. After the 6th time, the bulb will flash twice indicating that it’s successfully reset.



When the bulb flashes twice this indicates that it's been successfully reset.

Warning

1. 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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: 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 generates 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 or more 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

RF Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm

between the radiator and your body.

IC Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC 20cm RF

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements de la IC établies pour un environnement non contrôlé. Cet équipement doit être installé et fonctionner à au moins 20 cm de distance d'un radiateur ou de votre corps.

Product List

Model No.	Rated Power(W)	Rated Volt.(V)	Frequency (Hz)
8Zy-A806ST-Q4R	9	120	60
8Zy-A806ST-Q4Z	9	120	60

Safety Instructions:

Please read, keep and follow these instructions before installation:

- 1) Switch off the power supply to the socket and allow sufficient time for the bulb to cool before removing the bulb from the fitting
- 2) Warning: Risk of Electric Shock. Do not attempt to disassemble bulb.

- 3) Not suitable for use with standard wall dimmers
- 4) Suitable for use in operation environment between -4°F and 104°F (-20°C and 40°C)
- 5) Not for use in emergency lighting.
- 6) The bulb is not suitable for totally enclosed fixtures.
- 7) Do not clean the bulb when it is on and connected to the power supply
- 8) Do not place the bulb on hot surfaces
- 9) Dispose of this device in accordance with disposal laws in your area.