



User Manual

E12-N13- Wireless LED Bulb

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Z02-Hub –Sengled Hub

LED + Smart Control



System Features:

- Control Element lighting from anywhere at anytime
- Schedule scenes based on timing, brightness
- View current power and historic energy consumption.
- Track and report number of power cycles and usage hours

Element Bulb Features

- Wireless control
- Dimmable via Element app
- Support for warm white 2700K color temperature
25,000 hour LED lifetime
- Wide beam angle
- Supports Zigbee HA 1.2.1

Element Hub Features:

- Connects up to 50 Element bulbs via the Element mobile app
- Wirelessly control groups and individual Element bulbs
- Supports Zigbee HA 1.2.1

Element Bulb Specification

- Model: E12-N13
- Input: 100-130V AC, 60Hz, 85mA
- Power: 9.0W
- Brightness: 800 lumens
- CRI: >80
- Beam Angle: 110 °
- Light Socket: E26
- Operating Temperature: -4 °F ~ + 104 °F (-20 °C ~ + 40 °C)
- Storage Temperature: -40 °F ~ + 158 °F (-40 °C ~ +70 °C)

- Operating Humidity: $10\% \leq RH \leq 95\%$, non-condensing
- Dimensions: Dia: 5.1in (130mm); H: 3.7in (95mm)

Element Hub Specification

- Model: Z02-hub
- Input: 5V DC, 300mA
- Adapter Input: 100-240V AC, 30mA; Output: 5V DC, 1A
- Dimensions: L: 78mm; W: 78mm; H: 26mm
- Support Zigbee HA 1.2.1 and 2.4GHz Wi-Fi

Box Contents

- Two Element Classic BR30 Bulbs and One Hub
- One Ethernet Cable
- One welcome card
- Quick Start Guide
- Limited Written Express Warranty

Local Operations

***To ensure the following steps work successfully, please power on the bulb first and wait for at least four seconds before taking any of the steps.**

Reset the hub: The hub has to be reset when changing Wi-Fi networks. Press and hold the white round button on the side of the hub for at minimum eight seconds and then release it, the middle blue signal indicator light on the front of the hub should flash eight times if the reset is successful. Wait for up to 30 seconds for the indicator light to steady.

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.

Reset factory default for the bulb: Power cycle the bulb (off then back on) quickly for at minimum ten times. The bulb will blink five times indicating pairing mode.

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.

System Setup Instructions

- Download and install the free Element app on the mobile device.
- Create an account with Sengled cloud service from the app and then login.
- Power on the hub and connect it to a Wi-Fi router via the supplied Ethernet cable.
- Follow the in-app instructions to add hub and bulbs to the account.
- Once the hub is added to the account, the hub can be kept in wired mode, or the Ethernet cable between the hub and the router can be removed. In the wireless mode, hub can be moved to anywhere inside the home or office as long as it receives strong enough Wi-Fi signal from the router.

- **NOTE: Bulbs associated with another Sengled account must first be deleted and factory reset. Refer to the Local Operations section of the User Manual for instructions on how to factory reset a bulb.**
- **NOTE: Bulbs accidentally deleted from a Sengled account must first be factory reset before being re-added.**

Important Safety Instructions



NOT FOR EMERGENCY LIGHTING

This product is intended for indoor use only

Use in Dry Locations only



User Manual

E12-N14- Wireless LED Bulb

E12-N14- Wireless LED Bulb

Z02-Hub –Sengled Hub

LED + Smart Control



System Features:

- Control Element lighting from anywhere at anytime
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Element Bulb Features

- Wireless control
- Dimmable via Element app
- Support for warm white 2700K color temperature
25,000 hour LED lifetime
- Wide beam angle
- Supports Zigbee HA 1.2.1

Element Hub Features:

- Connects up to 50 Element bulbs via the Element mobile app
- Wirelessly control groups and individual Element bulbs
- Supports Zigbee HA 1.2.1

Element Bulb Specification

- Model: E12-N14
- Input: 100-130V AC, 60Hz, 85mA
- Power: 9.0W
- Brightness: 650 lumens
- CRI: >90
- Beam Angle: 110 °
- Light Socket: E26
- Operating Temperature: -4 °F ~ + 104 °F (-20 °C ~ + 40 °C)
- Storage Temperature: -40 °F ~ + 158 °F (-40 °C ~ +70 °C)

- Operating Humidity: $10\% \leq RH \leq 95\%$, non-condensing
- Dimensions: Dia: 5.1in (130mm); H: 3.7in (95mm)

Element Hub Specification

- Model: Z02-hub
- Input: 5V DC, 300mA
- Adapter Input: 100-240V AC, 30mA; Output: 5V DC, 1A
- Dimensions: L: 78mm; W: 78mm; H: 26mm
- Support Zigbee HA 1.2.1 and 2.4GHz Wi-Fi

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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.

Reset factory default for the bulb: Power cycle the bulb (off then back on) quickly for at minimum ten times. The bulb will blink five times indicating pairing mode.

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.

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User Manual

E12-N15- Wireless LED Bulb

E12-N15- Wireless LED Bulb

Z02-Hub –Sengled Hub

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Element Bulb Features

- Wireless control
- Dimmable via Element app
- Support for daylight white 5000K color temperature
 - 25,000 hour LED lifetime
- Wide beam angle
- Supports Zigbee HA 1.2.1

Element Hub Features:

- Connects up to 50 Element bulbs via the Element mobile app
- Wirelessly control groups and individual Element bulbs
- Supports Zigbee HA 1.2.1

Element Bulb Specification

- Model: E12-N15
- Input: 100-130V AC, 60Hz, 85mA
- Power: 9.0W
- Brightness: 800 lumens
- CRI: >80
- Beam Angle: 110 °
- Light Socket: E26
- Operating Temperature: -4 °F ~ + 104 °F (-20 °C ~ + 40 °C)
- Storage Temperature: -40 °F ~ + 158 °F (-40 °C ~ +70 °C)
- Operating Humidity: 10% ≤ RH ≤ 95%, non-condensing

- Dimensions: Dia: 5.1in (130mm); H: 3.7in (95mm)

Element Hub Specification

- Model: Z02-hub
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FCC

FCC STATEMENT FOR USERS

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.

SECTION 15.21

The user's manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT, SECTION 15.105(b)

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 RADIATION EXPOSURE WARNING

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 co-located or operated in conjunction with any other antenna or transmitter. End-users and

installers must be provided with antenna installation instructions and transmitter operating conditions to satisfy RF exposure compliance.

Industry Canada (IC)

CAN ICES-3 (B)/NMB-3(B)

This device complies with Industry Canada's licence-exempt RSSs. 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.

Cet appareil est conforme à la norme RSS d'Industrie Canada. Son fonctionnement est sujet aux deux conditions suivantes:

- (1) le dispositif ne doit pas produire de brouillage préjudiciable, et
- (2) le dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with IC 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.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.