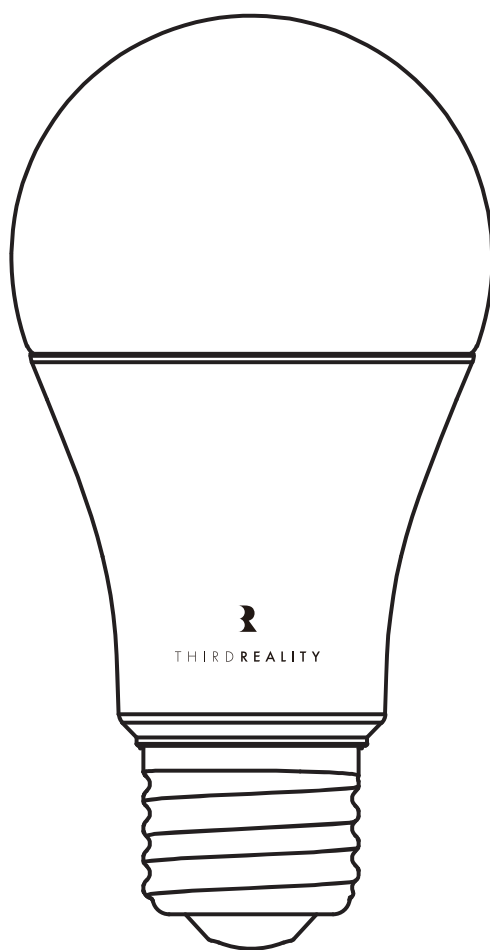


Smart Color Bulb ZL4

User Manual



THIRDREALITY

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Introduction

Third Reality Smart Color Bulb ZL4 offers an easy smart lighting solution in your home. The smart color bulb enables you to control your lights in multiple ways - on/off, dimming, routines, away mode, etc. - through your Smart Home app on your phones or simply voice commands.

Factory Reset

Power the smart color bulb, power cycle(power off and on) smart color bulb 5 times in a row to factory reset it, it flashes warm white - cold white - red - green - blue in a row within 3 seconds, then it turns solid warm white, indicating it enters Zigbee pairing mode. It will exit Zigbee pairing mode if not paired within 3 min.

Specifications

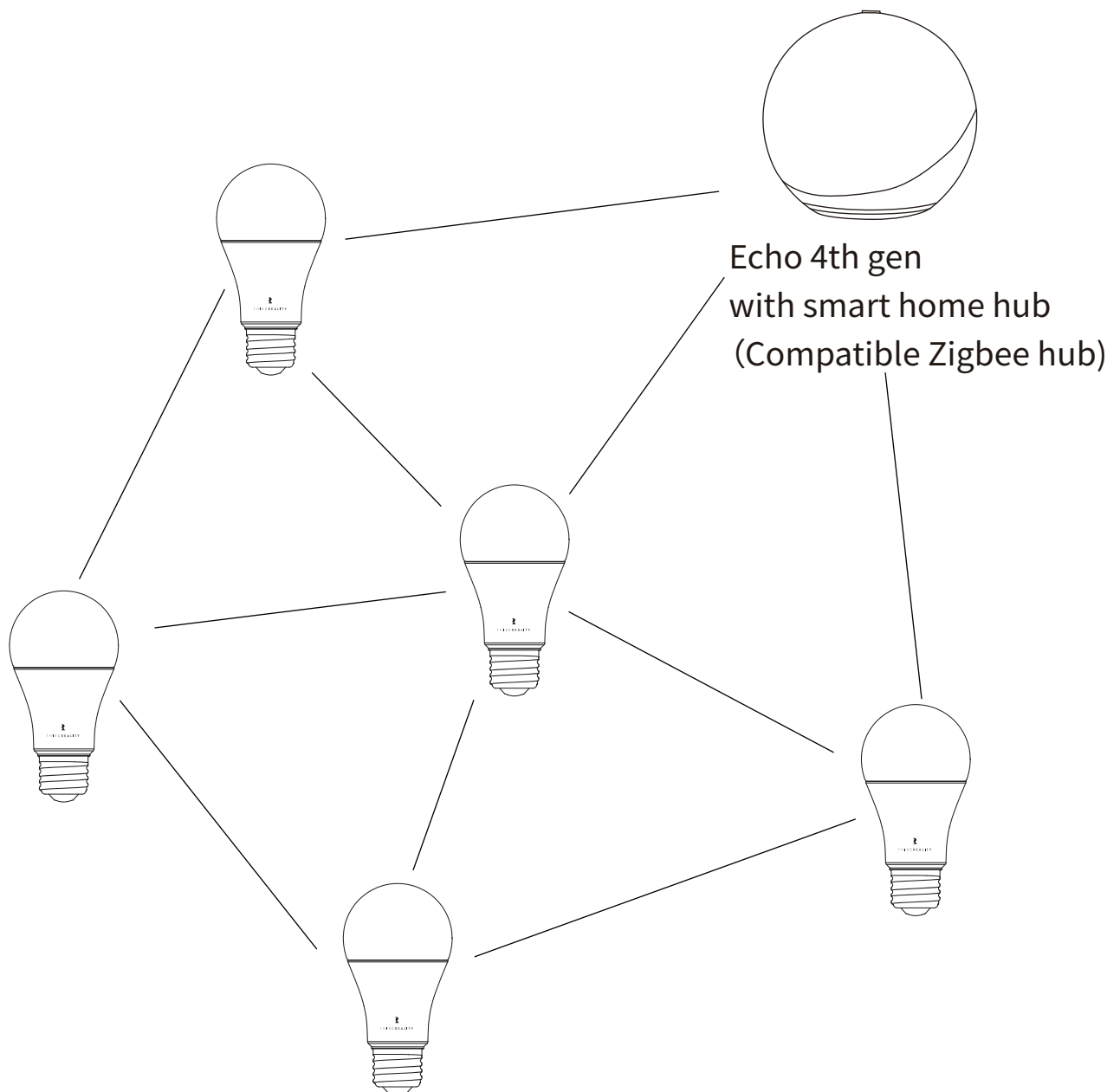
Name	Smart Color Bulb ZL4
Model	3RCB02070Z
Type	A60
Socket	E27
Wireless Protocol	Zigbee 3.0
Wireless Frequency Range	2405~2480MHz
Operating Channels	CH11~CH26
Maximum Transmitted Output Power	14dBm
Input	220~240VAC, 50/60Hz
Power	8.9W
Luminous Flux	810LM
Color Temperature	RGB+2700K-6500K

Zigbee Mesh Network

Work as a Zigbee repeater.

Extent the signal range of the Zigbee Mesh Network.

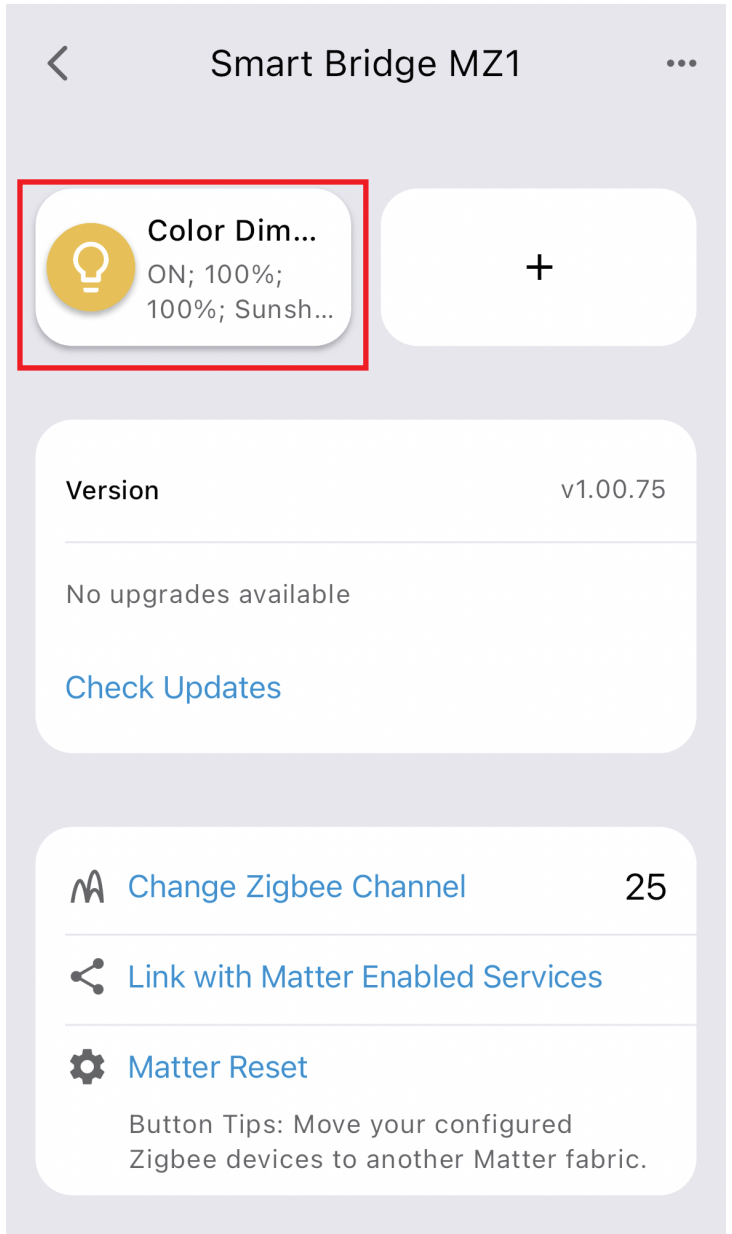
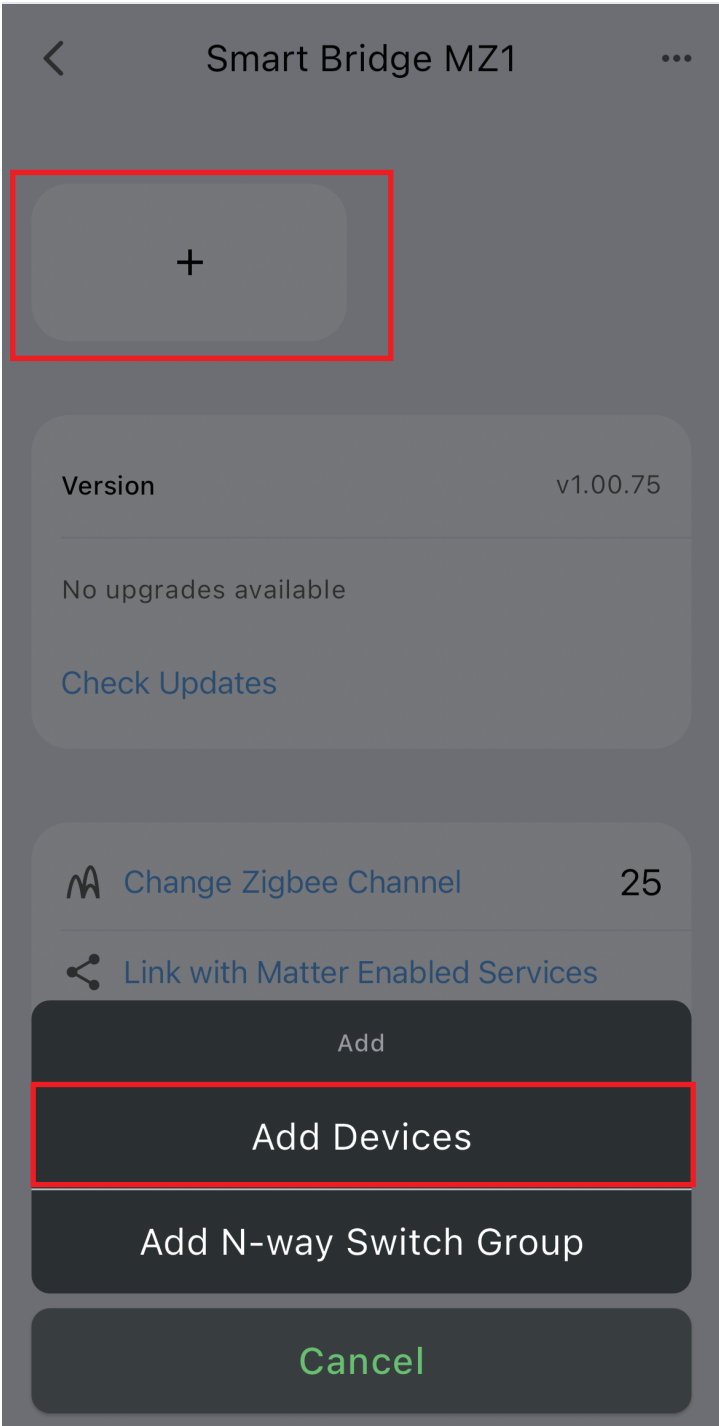
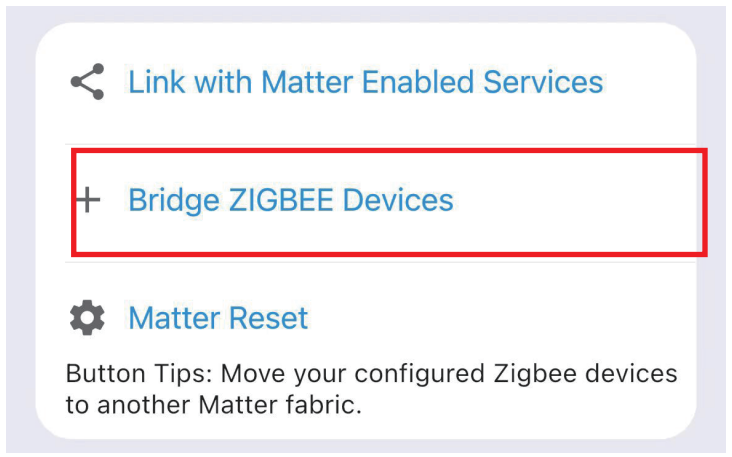
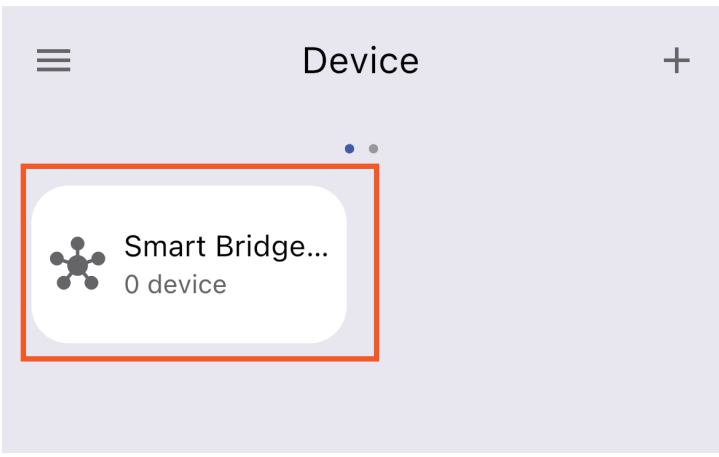
Note: Do not turn off the wall switch that controls the smart bulb, make sure the smart bulb maintains power to work as a repeater.





Setup with Smart Bridge MZ1

The Smart Bridge (sold separately) enables your Zigbee device to become Matter-compatible, allowing seamless integration with major Matter ecosystems like Apple Home, Google Home, Amazon Alexa, Samsung SmartThings, and Home Assistant. By setting up your Zigbee light bulb with the Smart Bridge, it transforms into a Matter compatible smart color bulb, enabling local control through Matter. Third Reality also offers the 3R-Installer APP, which lets you configure Zigbee bulb attributes such as default-on behavior and perform firmware updates.

1. Ensure your bridge is already set up within your smart home system.
2. Ensure the light switch controlling the E27 bulb socket is turned off. Then install the smart color bulb by screwing it securely into the socket.
3. Turn on the light bulb and confirm it's in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn't occur, please factory reset the bulb to initiate pairing mode.
4. Press the pinhole button on the bridge to activate Zigbee pairing mode. The Zigbee blue LED should start blinking.
5. The bulb will pair with the bridge, and a new device will appear in your smart home app, such as Google Home or Alexa.
6. Optionally, you can install the 3R-Installer APP and use the multi-admin feature in your smart home app to share permissions with the 3R-Installer APP.




< Color Dimmable Light ...



ON


BRIGHTNESS 100%


COLOR TEMPERATURE 100%



COLOR Sunshade

Startup ON/OFF

- OFF
- ON
- TOGGLE
- PREVIOUS

 Change Zigbee Channel 25


 **Link with Matter Enabled Services**


 Matter Reset

Button Tips: Move your configured Zigbee devices to another Matter fabric.

Link with Manual Setup Code or Scan the QR Code

Effective duration: 2 minutes 54 seconds

1324-192-6558 

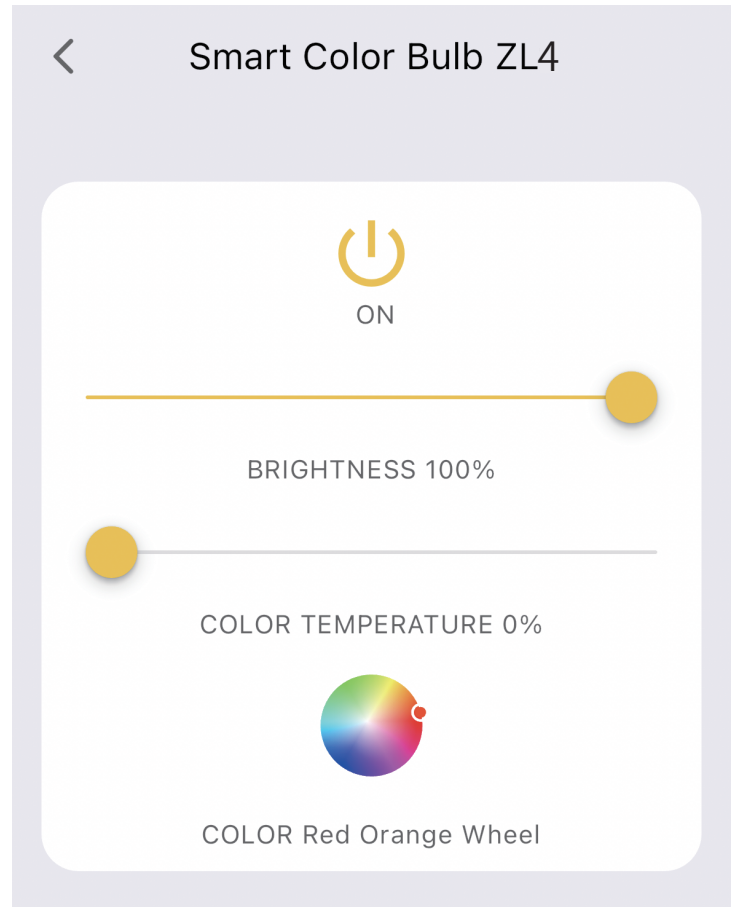
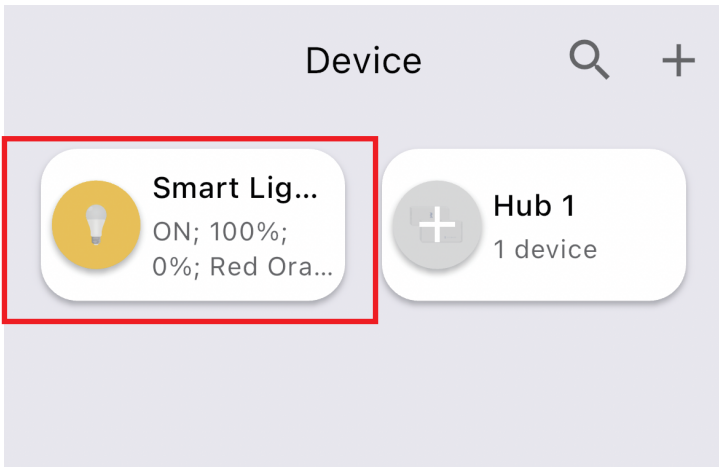
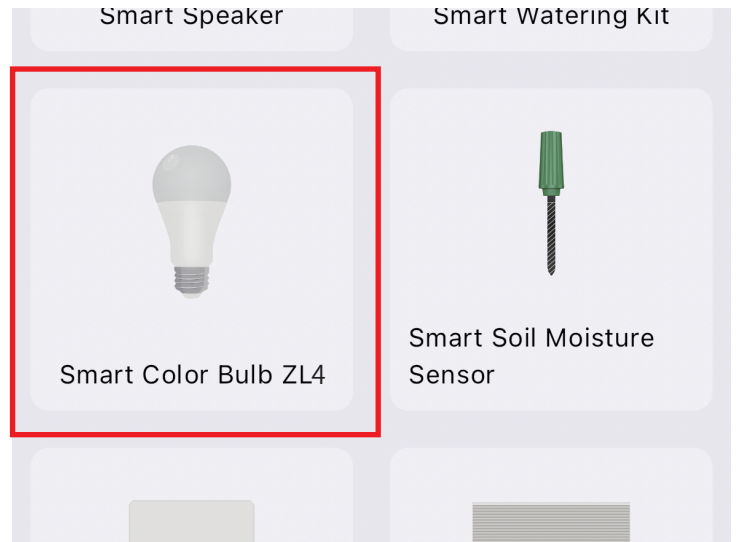
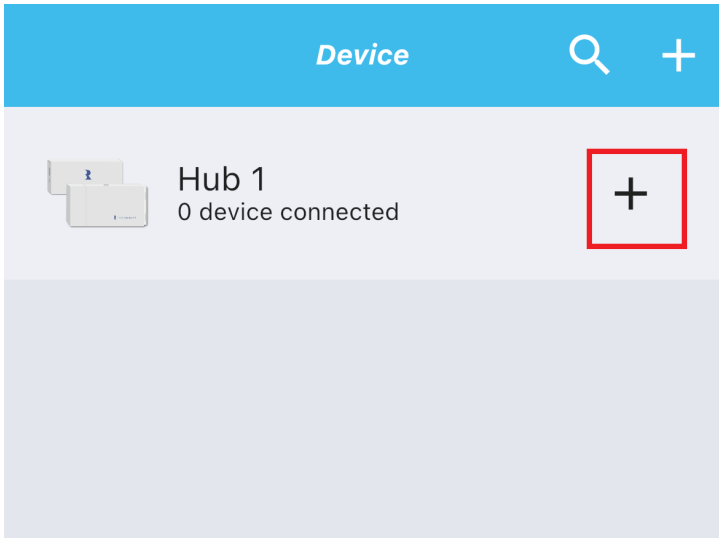


Done

Setup with Third Reality Hub and SKILL

The Third Reality Hub (sold separately) allows you to control your device remotely via the Third Reality APP, making it a great option for smart home beginners or those without a system from major providers. Additionally, the Third Reality Cloud supports SKILL integration with Google Home or Amazon Alexa, enabling you to connect your device to these platforms. However, due to the potential for slow and unreliable Cloud-to-Cloud connections, we recommend using the Bridge solution if Google Home or Alexa is your primary smart home platform.

1. Ensure your hub is properly set up with Third Reality App.
2. Ensure the light switch controlling the E27 bulb socket is turned off. Then install the smart color bulb by screwing it securely into the socket.
3. Turn on the light bulb and confirm it's in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode within 3 minutes. If this sequence doesn't occur, please factory reset the bulb to initiate pairing mode.
4. Open the Third Reality APP, press the "+" icon next to the hub, and select "Quick Pair."
5. The bulb will pair with your hub and appear in the Third Reality APP.
6. Optionally, you can enable the Third Reality SKILL in either the Alexa or Google Home app to enable Cloud-to-Cloud communication.



Setup with Compatible Third-Party Zigbee Hubs

Third Reality supports integration with various open Zigbee platforms, including Amazon Echo with built-in Zigbee, Samsung SmartThings, Home Assistant (with ZHA or Z2M), Homey and Hubitat. If you own any of these devices, you can pair the smart bulb directly without the need for an additional bridge or hub.

1. Ensure your Zigbee Hub is already set up within your smart home system.
2. Ensure the light switch controlling the E27 bulb socket is turned off. Then install the smart color bulb by screwing it securely into the socket.
3. Turn on the light bulb and confirm it's in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode within 3 minutes. If this sequence doesn't occur, please factory reset the bulb to initiate pairing mode.
4. Open your smart home app and follow the on-screen instructions to begin the Zigbee pairing process.
5. The smart bulb will flash and then turn warm white, indicating it has successfully paired with the Zigbee hub.
6. You can now use your smart home app to turn the bulb on/off, adjust its color and color temperature, and create routines.

Pairing with SmartThings

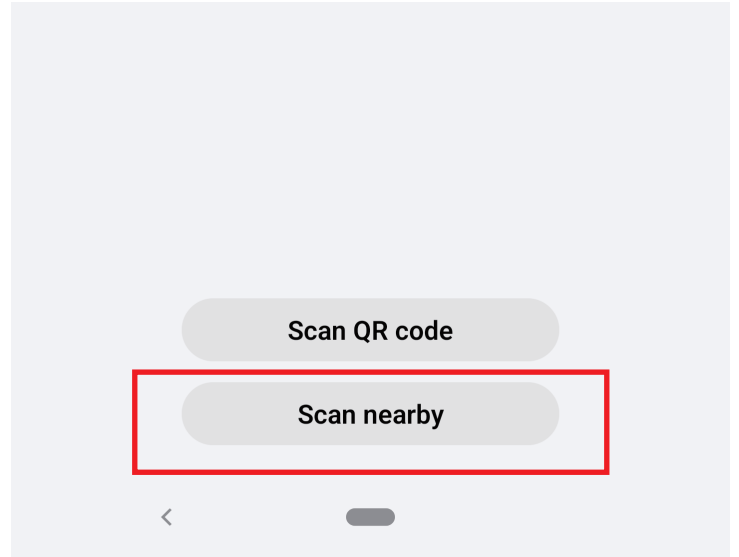
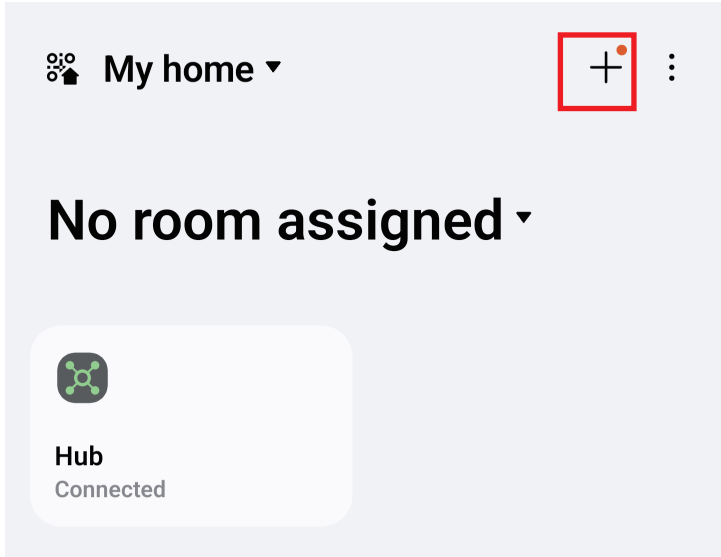
App: SmartThings App

Devices: SmartThings Hub 2nd Gen(2015) and 3rd Gen(2018), Aeotec Smart Home Hub.

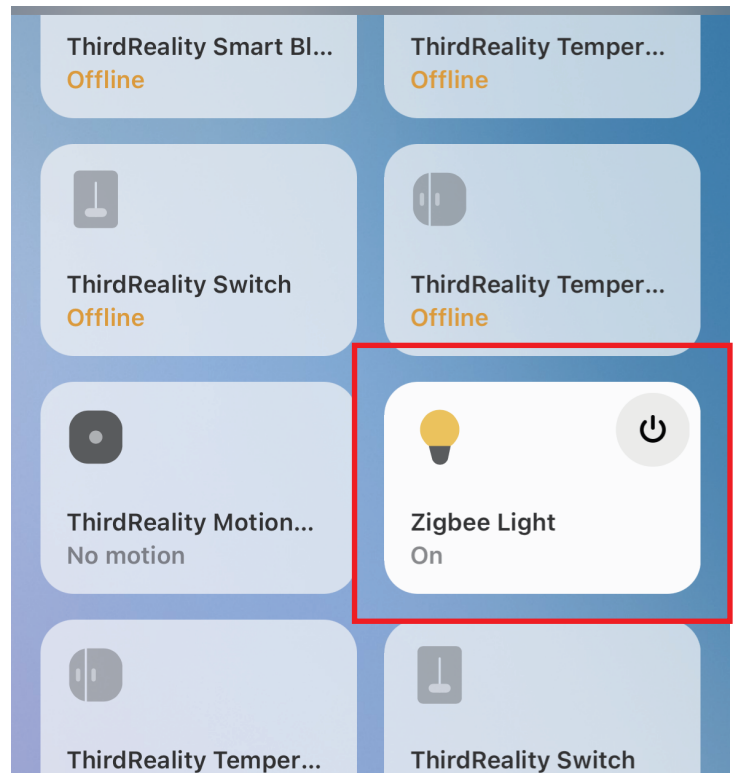
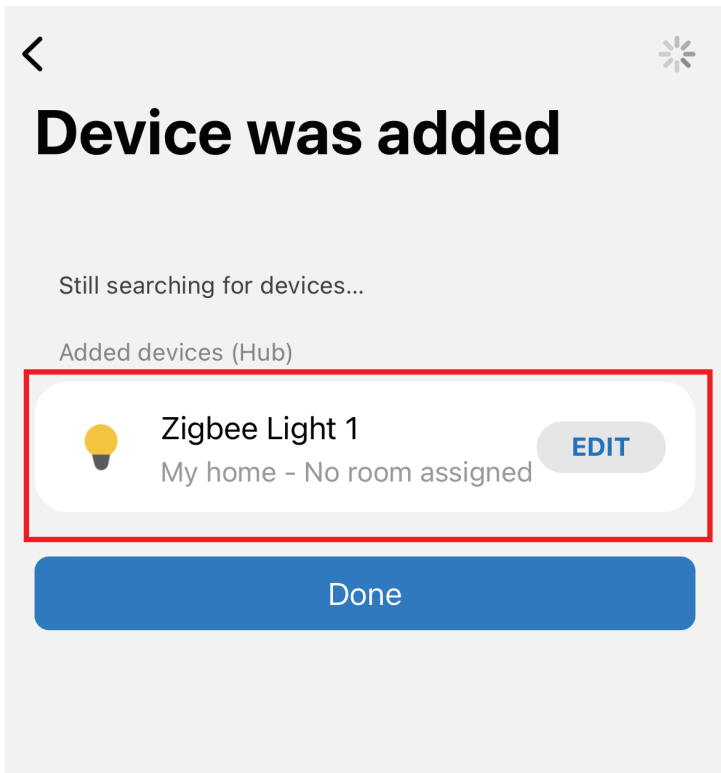


Pairing steps:

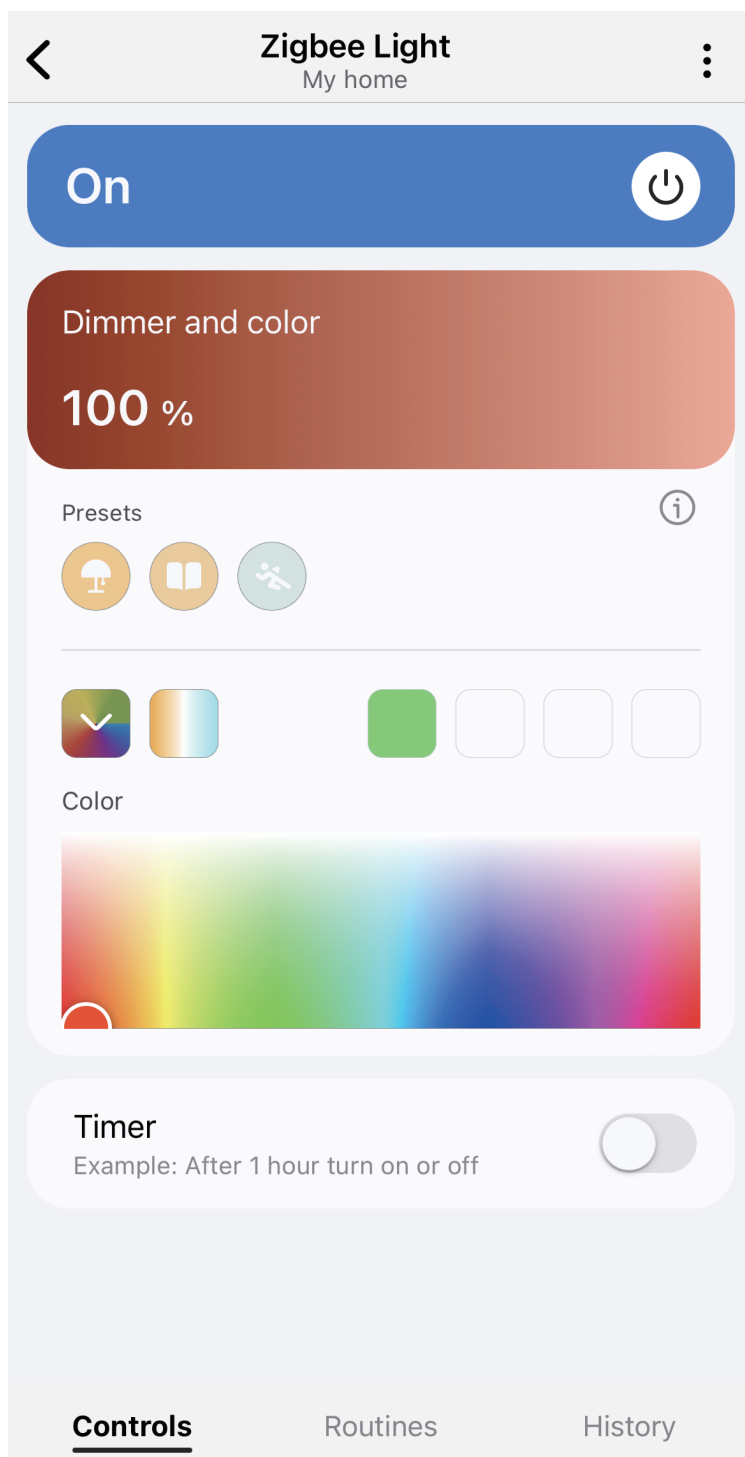
1. Before pairing, check for updates to make sure the SmartThings Hub firmware is up to date.
3. Turn on the light bulb and confirm it's in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn't occur, please factory reset the bulb to initiate pairing mode.
4. Open your SmartThings App, tap “+” on the up right corner to ”Add device” and then tap “Scan nearby”.



5. The bulb will be added to your SmartThings hub in a few seconds.



6. Create routines to control connected devices.



Pairing with Amazon Alexa

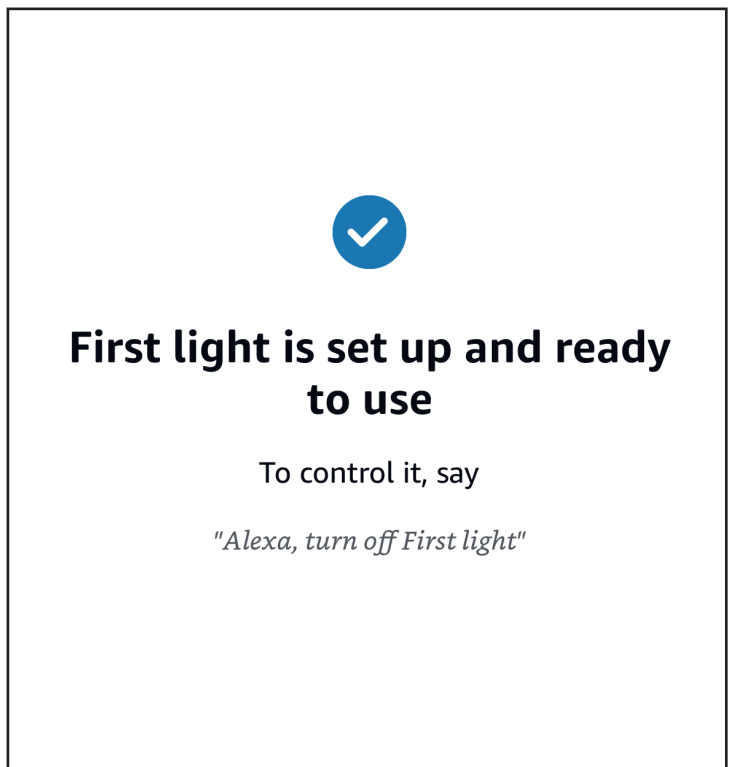
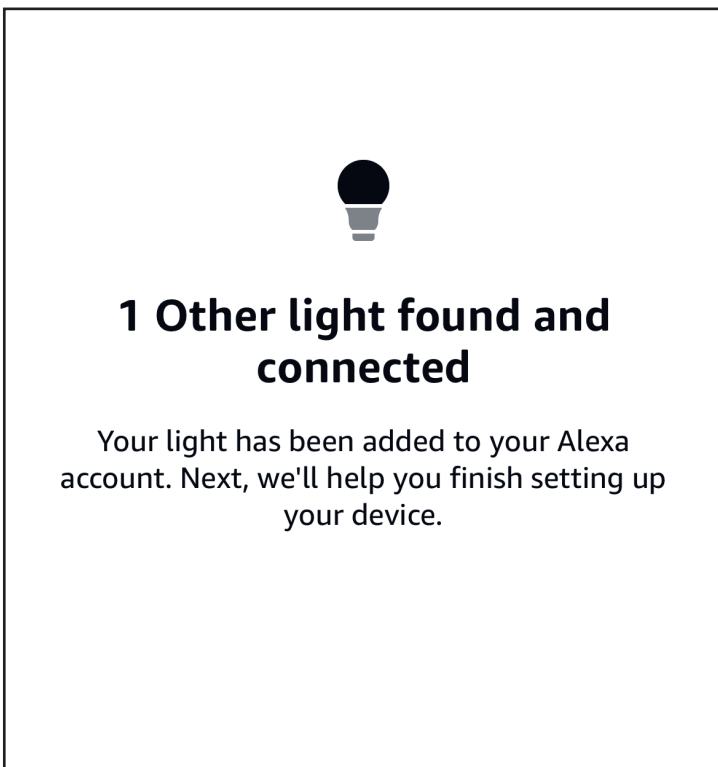
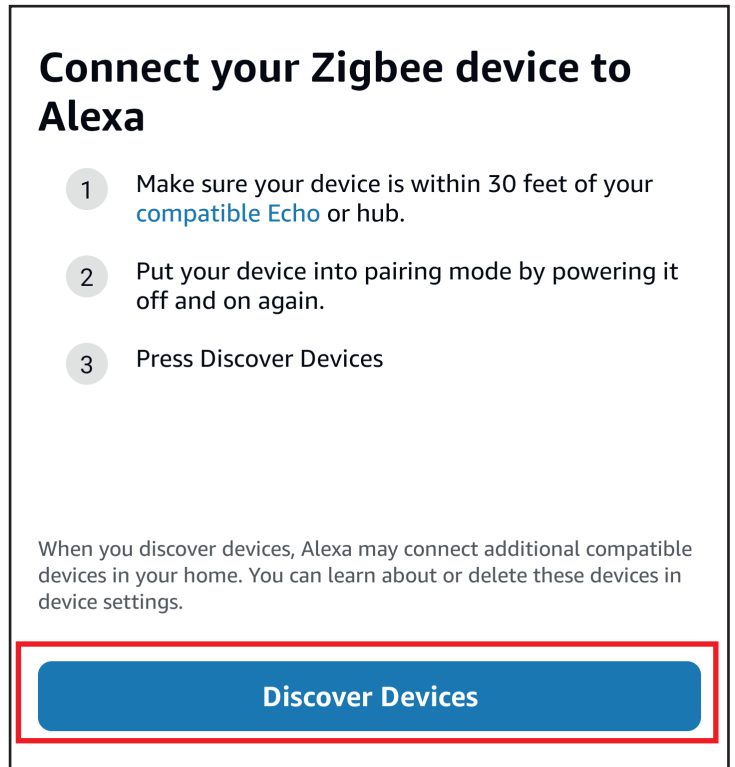
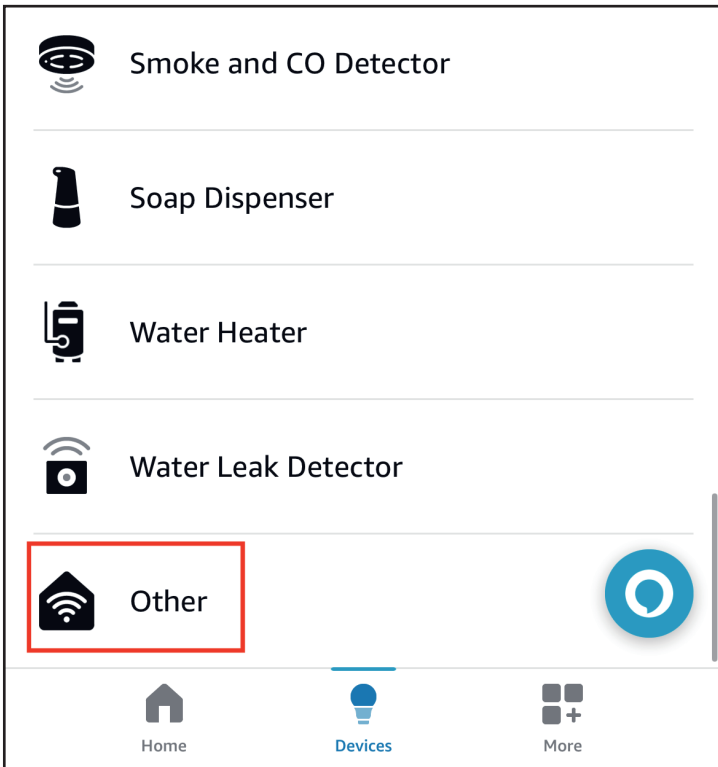
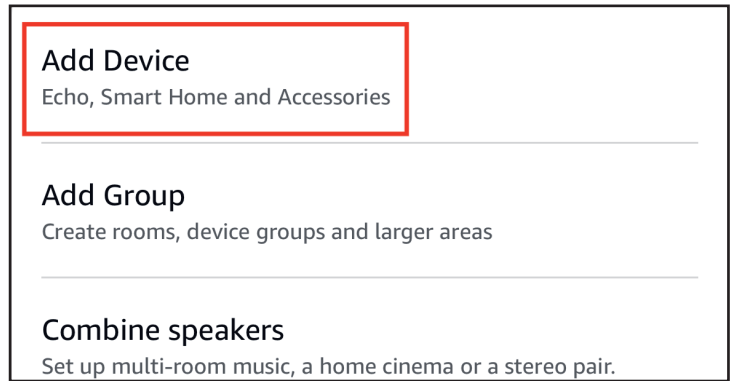
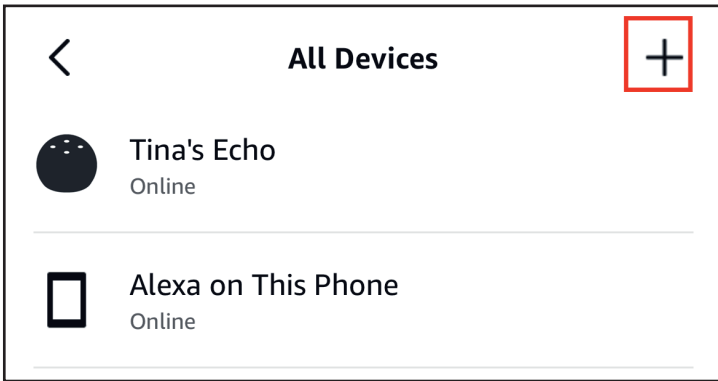
App: Amazon Alexa

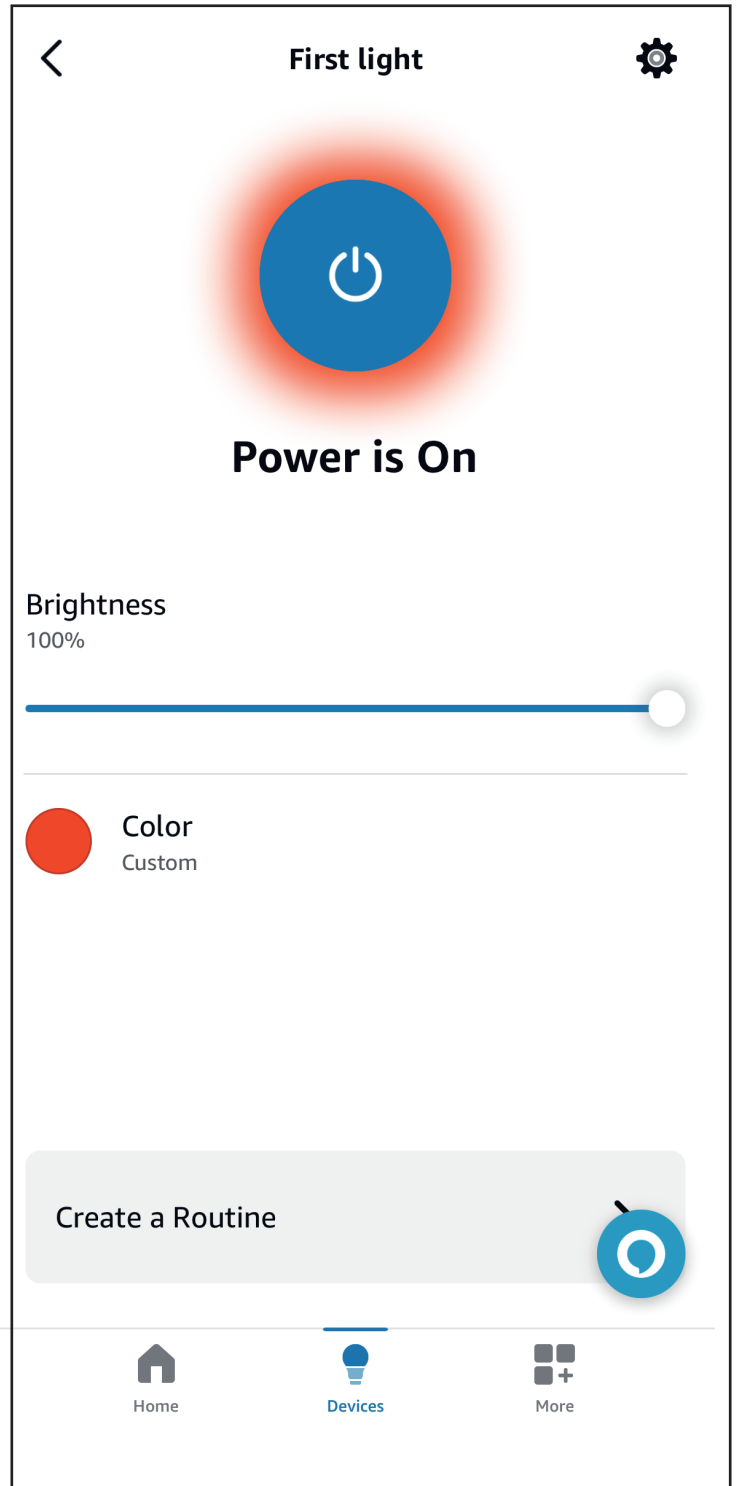
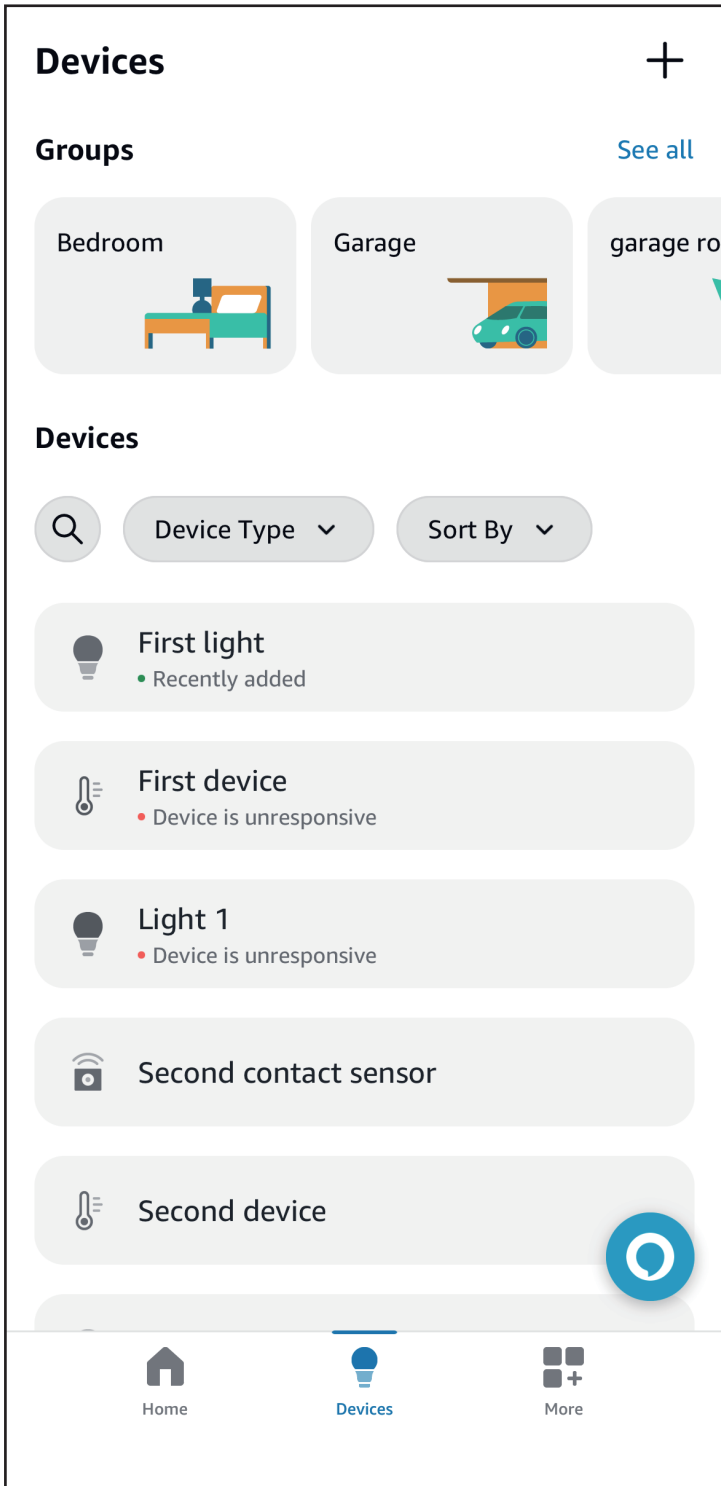
Devices: Echo speakers with built-in Zigbee hub, Echo 4th Gen, Echo Plus 1st & 2nd Gen, Echo Studio



Pairing steps:

1. Ask Alexa to check for updates before pairing.
2. Turn on the light bulb and confirm it's in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn't occur, please factory reset the bulb to initiate pairing mode.
3. Tap "+" in the Alexa App, choose "Other" and "Zigbee" to add device, the bulb will be added.
4. You can create routines with the device.





Pairing with Hubitat

Website: <http://find.hubitat.com/>



Pairing steps:

1. Turn on the light bulb and confirm it's in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn't occur, please factory reset the bulb to initiate pairing mode.
2. Visit your Hubitat Elevation hub device page from your web browser, select the Devices menu item from the sidebar, then select Discover Devices in the upper right.
3. Click Start Zigbee Pairing button after you select a Zigbee device type, the Start Zigbee Pairing button will put the hub in Zigbee pairing mode for 60 seconds.
4. Pairing is completed.
5. Tap Apps, and Create New Basic Rules.

Hubitat **Devices** hubitat-c7

Compatible device list X Clear Search... + Add device

Disable ↑↓	Label (Name) ↑↓	Type ↑↓	Room ↑↓	Source ↑↓	DNI ↑↓	Status ↑↓	Last Activity ↑↓		
<input type="checkbox"/>	1 <small>(Advanced Zigbee CT Bulb)</small>	Advanced Zigbee CT Bulb		System	2EA3 B40ECFD298B00000		8/27/2024 10:42:35		
<input checked="" type="checkbox"/>	+++ <small>(Device)</small>	Device	huan	System	1315 282C02BFFFE909D1				
<input type="checkbox"/>	729ms <small>(Generic Zigbee Motion Sensor (no temp))</small>	Generic Zigbee Motion Sensor (no temp)		System	8439 282C02BFFFE6379		7/29/2024 15:44:55		60
<input type="checkbox"/>	Advanced Zigbee CT Bulb	Advanced Zigbee CT Bulb		System	1AED B40ECFD32AAC0000		8/27/2024 10:42:28		
<input type="checkbox"/>	del <small>(Third Reality Smart Button)</small>	Third Reality Smart Button		System	5A05 282C02BFFFE38F45		8/06/2024 13:42:54		100
<input type="checkbox"/>	Plant Watering System	Generic Zigbee Switch		System	4F31 282C02BFFFE900C0		8/27/2024 10:13:02		
<input type="checkbox"/>	Smart Soil Moisture Sensor <small>(Device)</small>	Generic Zigbee Temperature/Humidity Sensor		System	952B A4C138EED829E73				

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Hubitat **Add device** hubitat-c7

Find by device type
Bulbs, dimmers, locks, outlets, switches...

Find by brand
Aeotec, Bosch, Centralite, Dome, Ecolink...

Add device manually:

Zigbee

Z-Wave

Matter

Iris V1 Zigbee

Virtual

Documentation Community Videos FAQ Terms of Service Copyright 2018-2024 Hubitat, Inc

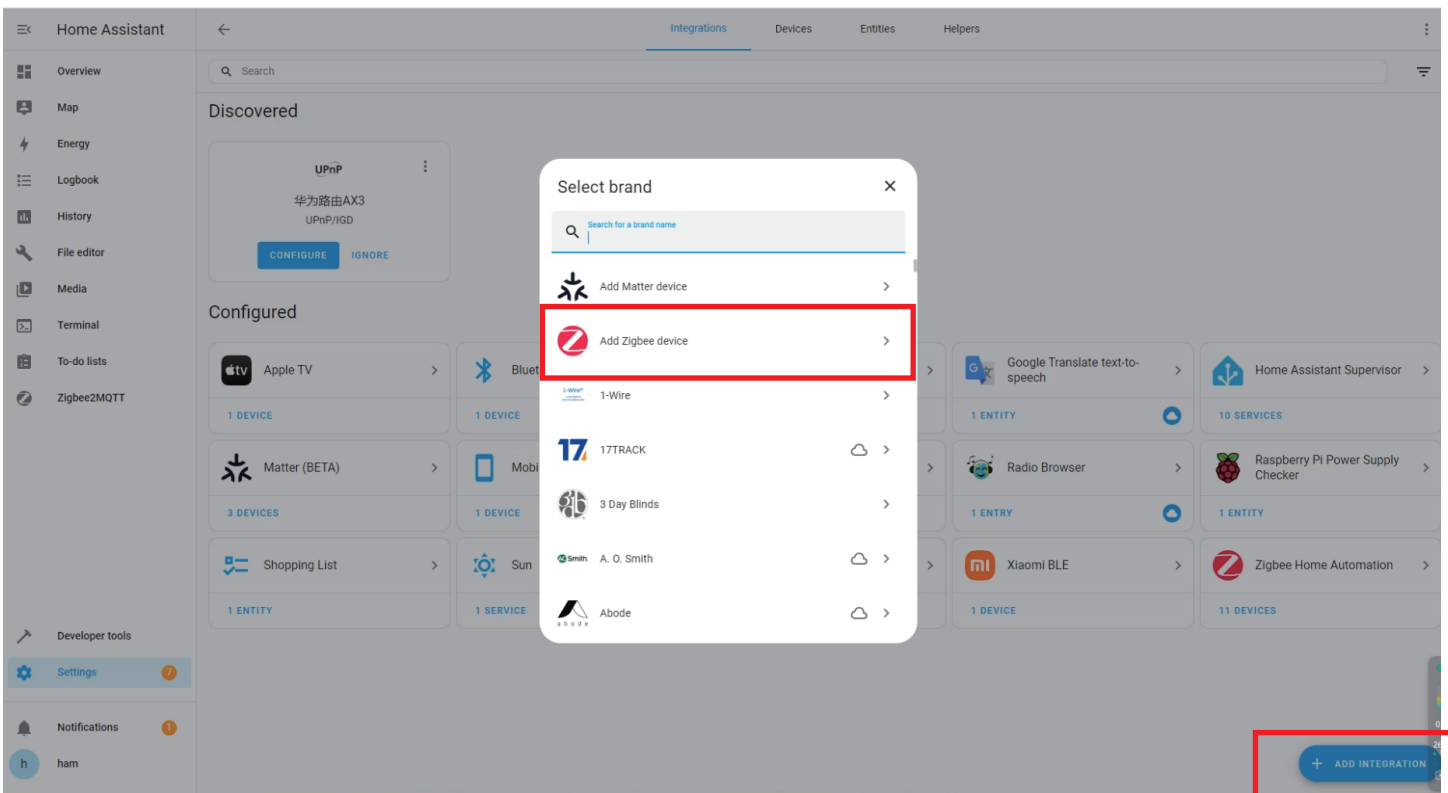
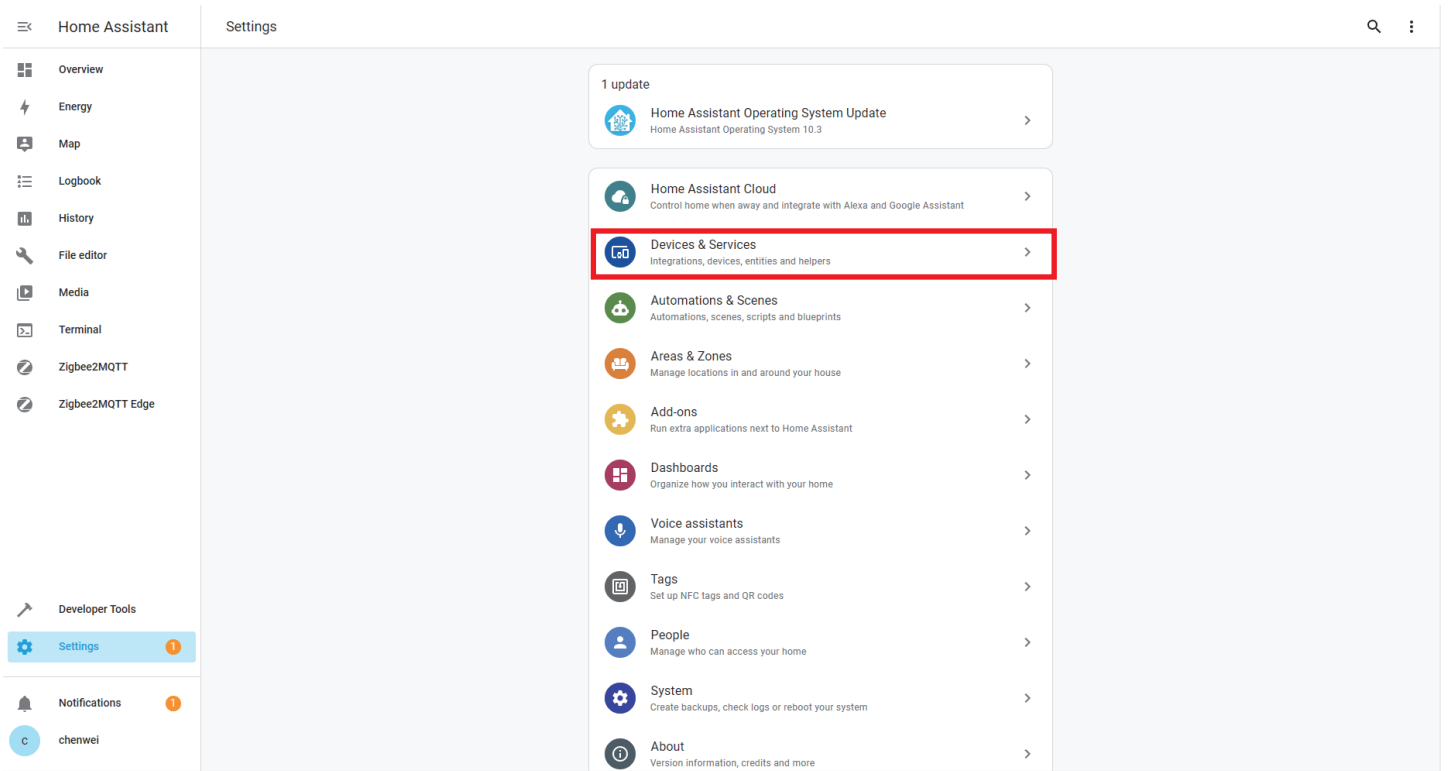
Pairing With Home Assistant

Device: Zigbee dongle




Zigbee Home Automation

1. Turn on the light bulb and confirm it's in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn't occur, please factory reset the bulb to initiate pairing mode.
2. In Zigbee Home Automation, go to "Configuration" page, click "integration".
3. Then click the "Devices" on the Zigbee item, then click "Add Devices".
4. Pairing completed.
5. Back to "Devices" page to find the sensor added.
6. Click to enter in the control interface to set the bulb.
7. Click "+" belongs to Automation and add trigger and actions.



Filters 5 Search 14 devices Group by Sort by Device

Device	Area	Integration	Manufacturer	Model	Battery
3# 3RSB02015Z	-	Zigbee Home Automation	Third Reality, Inc	3RSB02015Z	-
702 plug	JY	Zigbee Home Automation	Third Reality, Inc	3RSP02064Z	-
button-F36C	JY	Zigbee Home Automation	Third Reality, Inc	3RSB22BZ	100%
button-F324	JY	Zigbee Home Automation	Third Reality, Inc	3RSB22BZ	-
Conbee II	-	Zigbee Home Automation	dresden elektronik	Conbee II	-
double plug	JY	Zigbee Home Automation	Third Reality, Inc	3RDP01072Z	-
onoff test blindgen2	JY	Zigbee Home Automation	Third Reality, Inc	3RSB02015Z	-
plug v1	JY	Zigbee Home Automation	Third Reality, Inc	3RSP019BZ	-
Third Reality, Inc 3RCB02070Z	-	Zigbee Home Automation	Third Reality, Inc	3RCB02070Z	-
Third Reality, Inc 3RDP01072Z	zhai	Zigbee Home Automation	Third Reality, Inc	3RDP01072Z	-
Third Reality, Inc 3RDP01072Z	-	Zigbee Home Automation	Third Reality, Inc	3RDP01072Z	-
Third Reality, Inc 3RWS0218Z	JY	Zigbee Home Automation	Third Reality, Inc	3RWS0218Z	98%
v2plug	JY	Zigbee Home Automation	Third Reality, Inc	3RSP02028BZ	-



Device info

3RCB02070Z
by Third Reality, Inc
Connected via [Conbee II](#)
Firmware: 0x00000050

Zigbee info

- Zigbee Home Automation

[Reconfigure](#)

Automations

No automations have been added using this device yet. You can add one by pressing the + button above.

Scenes

No scenes have been added using this device yet. You can add one by pressing the + button above.

Scripts

No scripts have been added using this device yet. You can add one by pressing the + button above.

Controls

Third Reality, Inc 3RCB020...

[Add to dashboard](#)

Configuration

- Allow blind [Press](#)
- Firmware Unknown
- Located at level
- On/off transiti...
- Start color tem...
- Starting curre...

高级行为:

[Add to dashboard](#)

Diagnostic

Confirm [Press](#)

+2 disabled entities

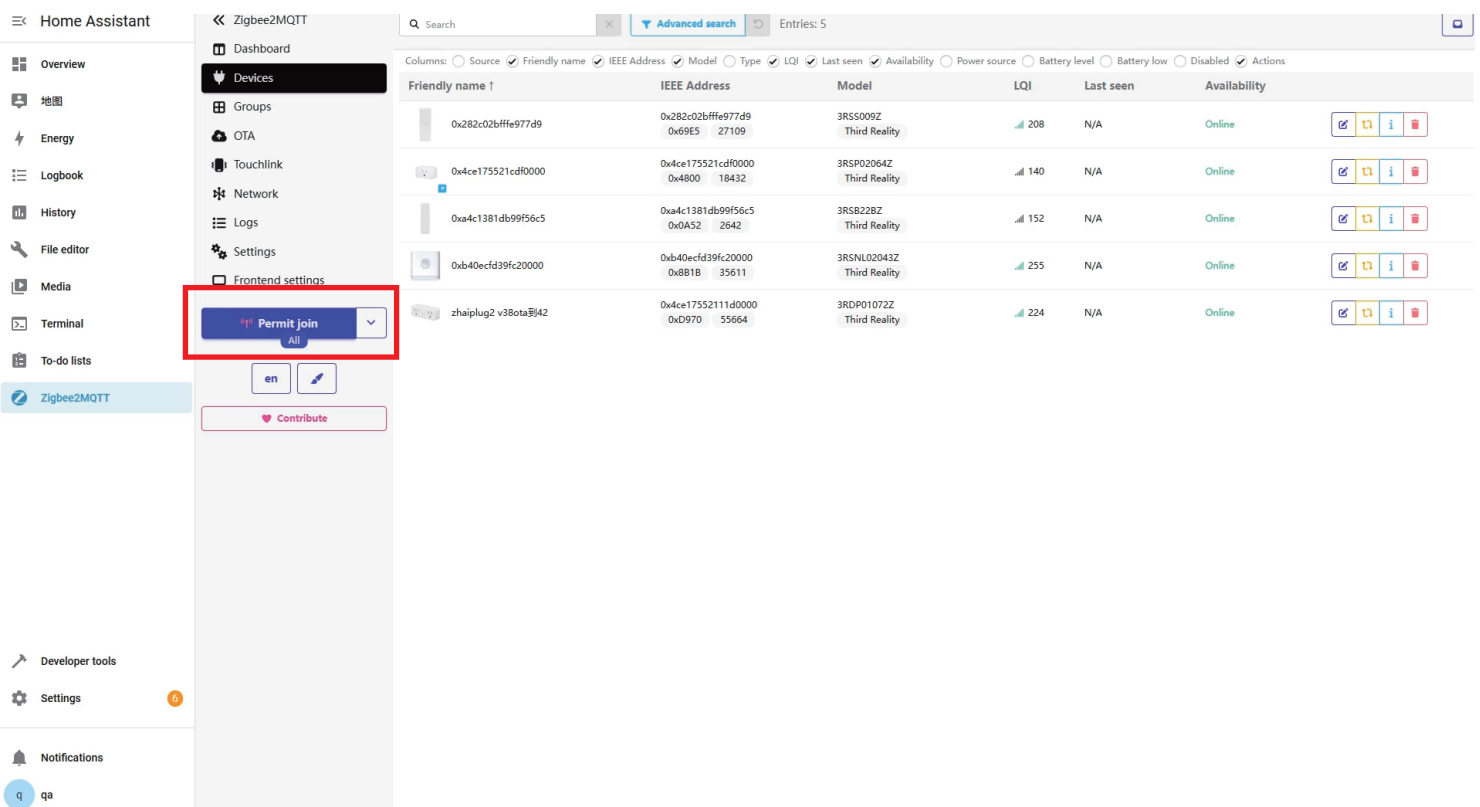
[Add to dashboard](#)

Activity

No activity found.

Zigbee2MQTT

1. Turn on the light bulb and confirm it's in pairing mode. The smart bulb will flash warm white, cool white, red, green, and blue within 3 seconds, then turn solid warm white, indicating it has entered Zigbee pairing mode. If this sequence doesn't occur, please factory reset the bulb to initiate pairing mode.
2. Permit join to start Zigbee pairing in Zigbee2MQTT.
3. Pairing completed, the bulb will be displayed in the device list
Go to Settings page, create automation.



The screenshot shows the Zigbee2MQTT interface. On the left is a sidebar with navigation options: Overview, 地图, Energy, Logbook, History, File editor, Media, Terminal, To-do lists, Zigbee2MQTT, Developer tools, Settings, and Notifications. The main content area is titled 'Zigbee2MQTT' and shows a 'Devices' list. A red box highlights the 'Permit join' button in the 'Frontend settings' section. Below the sidebar, there are buttons for 'en', a pencil icon, and 'Contribute'. The main area displays a table of devices with columns for Friendly name, IEEE Address, Model, LQI, Last seen, and Availability.

Friendly name ↑	IEEE Address	Model	LQI	Last seen	Availability
0x282c02bffe977d9	0x282c02bffe977d9 0x69E5 27109	3RSS009Z Third Reality	208	N/A	Online
0x4ce175521cdf0000	0x4ce175521cdf0000 0x4800 18432	3RSP02064Z Third Reality	140	N/A	Online
0xa4c1381db99f56c5	0xa4c1381db99f56c5 0x0A52 2642	3RSB228Z Third Reality	152	N/A	Online
0xb40ecfd39fc20000	0xb40ecfd39fc20000 0x8B18 35611	3RSNL02043Z Third Reality	255	N/A	Online
zhaiplug2 v38ota到42	0x4ce17552111d0000 0xD970 55664	3RDP01072Z Third Reality	224	N/A	Online

- Overview
- 地图
- Energy
- Logbook
- History
- File editor
- Media
- Terminal
- To-do lists
- Zigbee2MQTT
- Developer tools
- Settings
- Notifications

- Dashboard
- Devices
- Groups
- OTA
- Touchlink
- Network
- Logs
- Settings
- Frontend settings
- Disable join 03:34
- en
- Contribute

Friendly name ↑	IEEE Address	Model	LQI	Last seen	Availability	Actions
0x1c784ba0dbcc0000	0x1c784ba0dbcc0000 0x2AE2 10978	3RCB02070Z Unsupported	196	N/A	Online	
0x282c02bffe977d9	0x282c02bffe977d9 0x69E5 27109	3RSP02064Z Third Reality	208	N/A	Online	
0x4ce175521cdf0000	0x4ce175521cdf0000 0x4800 18432	3RSP02064Z Third Reality	140	N/A	Online	
0xa4c1381db99f56c5	0xa4c1381db99f56c5 0x0A52 2642	3RSB22BZ Third Reality	152	N/A	Online	
0xb40ecfd39fc20000	0xb40ecfd39fc20000 0x8B18 35611	3RSNL02043Z Third Reality	255	N/A	Online	
zhaiplug2 v3Bota到42	0x4ce1755211d0000 0xD970 55664	3RDP01072Z Third Reality	224	N/A	Online	

- Overview
- 地图
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- Notifications

- Dashboard
- Devices
- Groups
- OTA
- Touchlink
- Network
- Logs
- Settings
- Frontend settings
- Disable join 03:18
- en
- Contribute

0x1c784ba0dbcc0000

About Exposes Bind Reporting Settings Settings (specific) State Clusters Groups Scene Dev console

State
On/off state of this light
 OFF ON

Brightness
Brightness of this light
0% 25% 50% 75% 100% 0 254 254

Color temp
Color temperature of this light
coolest cool neutral warm warmest 142 454 392 mired

Color temp startup
Color temperature after cold power on of this light
coolest cool neutral warm warmest previous 142 454 mired

Color (X/Y)
Color of this light in the CIE 1931 color space (x/y)
hex #ffffff rgb 255, 255, 255 hsv 0.00°, 0.00%, 100.00%
xyY 0.000, 0.000, 0.511

Color (HS)
Color of this light expressed as hue/saturation
hex #ff9429 rgb 255, 148, 41 hsv 30.00°, 84.00%, 100.00%
xyY 0.509, 0.416, 0.428

Important Safety Information

Before installing the Smart Bulbs, please read and follow all precautions, including:

Turn off power before installation or removal. Discontinue use if damaged.

Warning: risk of electric shock. Do not attempt to disassemble bulb.

Only use the control provided with or specified by these instructions to control this lamp. This lamp will not operate properly when connected to a standard (incandescent) dimmer or dimming control.

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS.

NE CONVIENT PAS AUX SORTIES DE SECOURS.

Indoor use only.

Customer Service: <https://3reality.com/email-support/>

Forum: <https://discuss.3reality.com/>

FAQ: <https://3reality.com/faq-help-center>

Limited Warranty

For limited warranty, please visit <https://3reality.com/faq-help-center/>

For customer support, please contact us at info@3reality.com or visit www.3reality.com

This product complies with EU CE Directive [2014/53/EU].

For the CE Declaration, please visit <https://tinyurl.com/3ty5hyed>

For questions on other platforms, visit the corresponding platform's application/support platform.

Manufacturer: Third Reality, Inc, Nanxu Road #9,
Runzhou District, ZhenJiang, Jiangsu, China.

