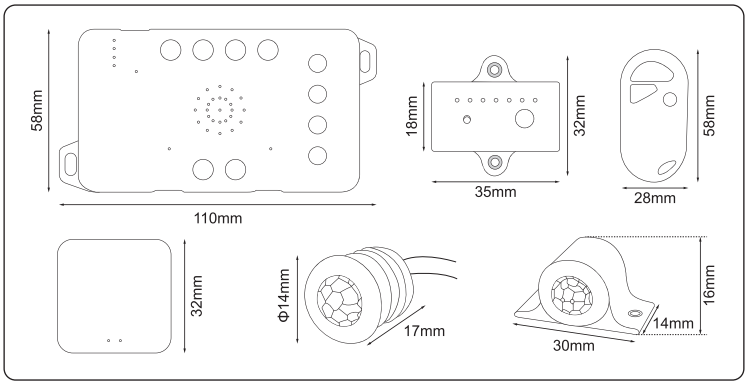
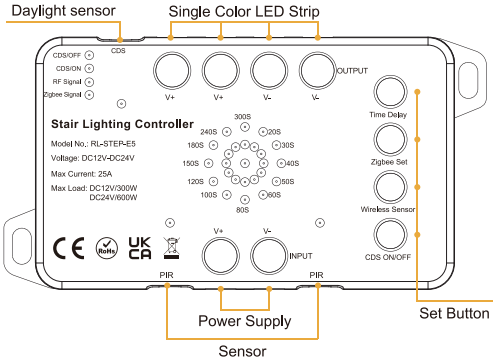
RL-STEP-E5 Stair Lighting Controller

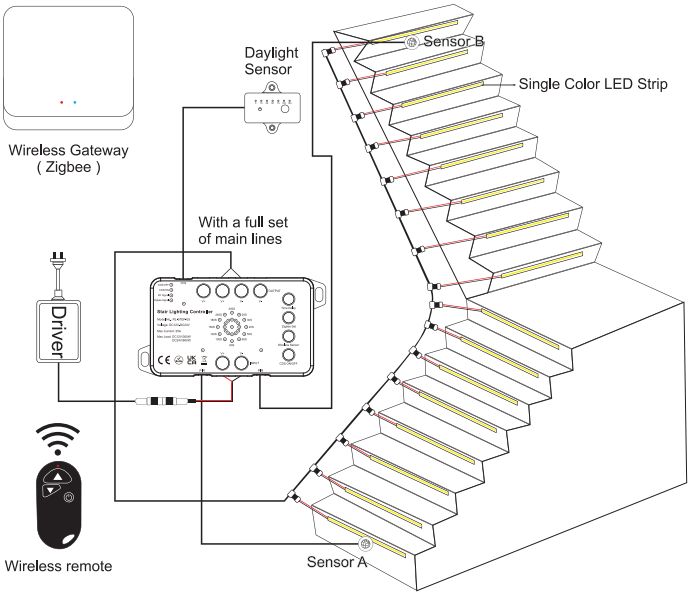


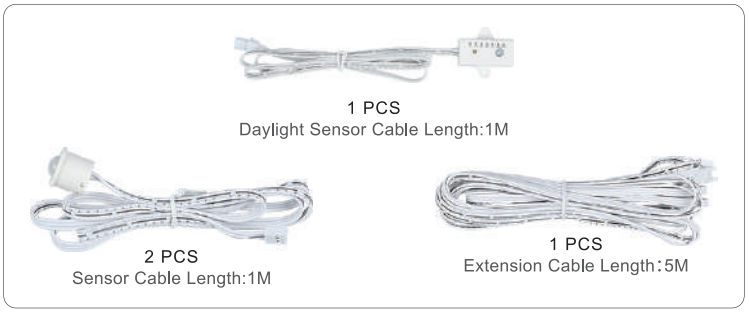
Product Name Stair Lighting Controller With Remote	Model Number 35194-WZ
Input Voltage DC12V-24V	Max Current 25A
Max Load DC12V/300W, DC24V/600W	APP Tuya, Smart Life
Application Smart Control for Staircase LED Strips	Function Adjust/Delay Time/Brightness/Speed/Color

Product structure



Wiring Diagram





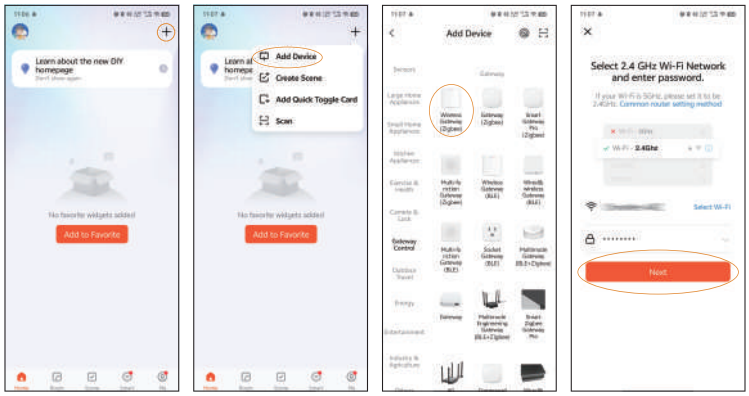
APP control

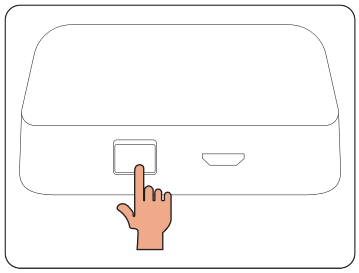
1. Follow the below step to install smart life app or tuya app on your smart phone
   Download and install【**Smart Life**】APP or【**Tuya Smart**】APP
   Search for [Tuya Smart] in Apple or Google store or scan following QR code to download and install the app.
   Please click "Register" button to create account while using it in the first time. Or log in directly if you already had account.

2. Connecting the Wireless Gateway

Login to Tuya APP, Click the “+” button on the upper right corner to add a new device, select “Wireless Gateway (Zigbee)”.

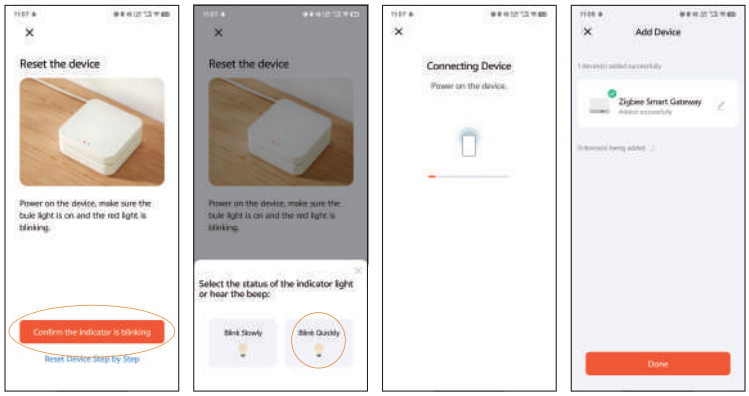
Select 2.4GHz WIFI network and enter password.



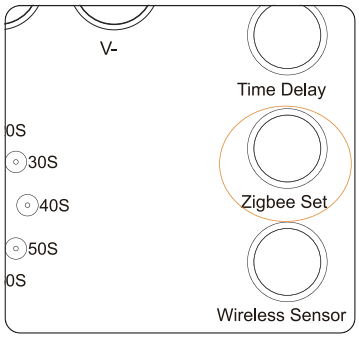


Power on the Wireless Gateway, long press the button of the device, waiting the blue light always on, and the red light blinks.

According to your gateway to choose blink slowly or blink quickly, then waiting to connect the device.



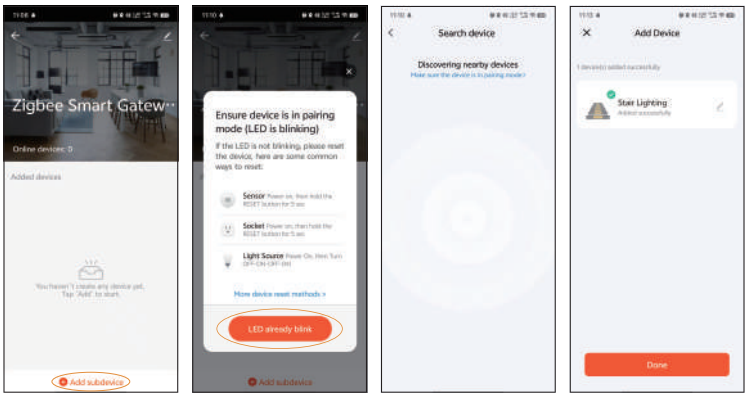
3. Connecting Stair Lighting Controller



Enter the Zigbee Smart Gateway interface, click “Add subdevice”.

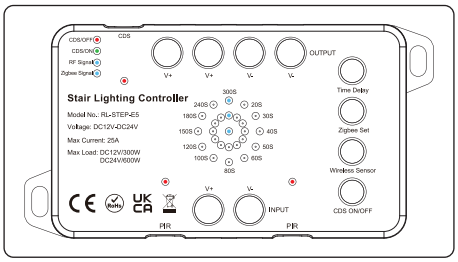
Long press the “Zigbee Set” button on the controller until the led strip flashes.
Click “LED Already blinks”

It will automatically search, click "NEXT".
Then it is added successfully.



How To Use

1 . Indicator light



Delay time indicator (blue)

PIR sensor indicator (red)

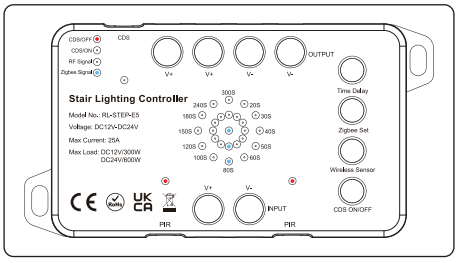
Daylight sensor operating indicator (red)

Zigbee Signal indicator (blue)

RF Signal indicator (blue)

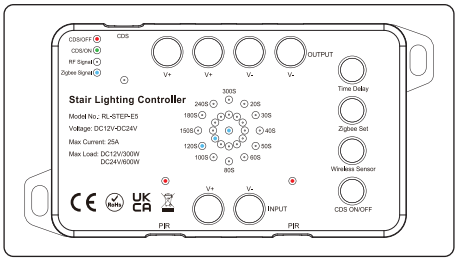
CDS/OFF and CDS/ON switching indicator, CDS/OFF (red) CDS/ON (green)

2 . Time delay



It have 12 options of delay time from 20 seconds to 300 seconds

3 . CDS ON/OFF

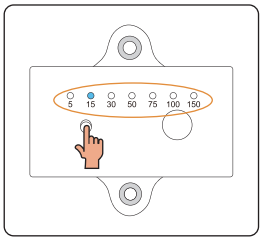


Long press "CDS ON/OFF" to switch between CDS ON and CDS OFF

CDS/OFF: PIR Sensor works day and night

CDS/ON: PIR Sensor works at night

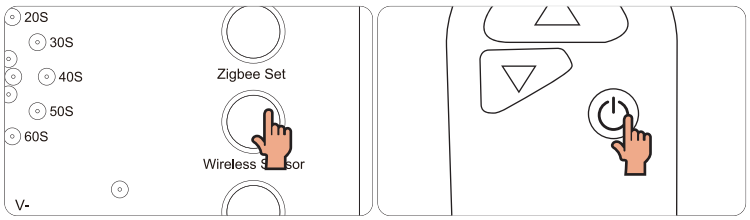
4 . Daylight Sensor



The Daylight sensor does not need to be placed visibly near the steps, but it should be able to detect light and dusk.

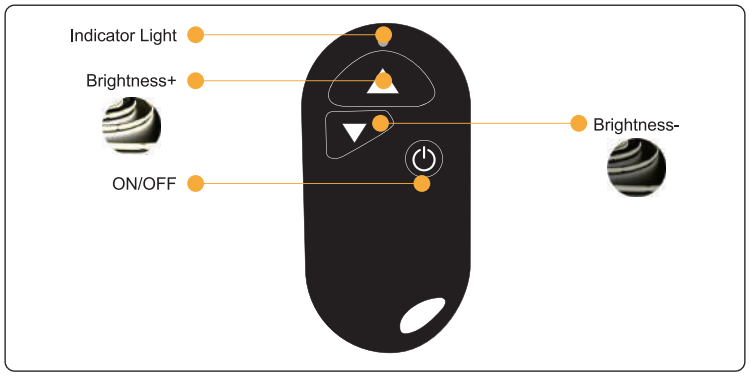
1x Press	5 Lux - The sensors will work when it is quite dark
2x Press	15 Lux
3x Press	30 Lux
4x Press	50 Lux
5x Press	75 Lux
6x Press	100 Lux
7x Press	150 Lux - The sensors will work in dim ambient light

Match Remote Control



To Match: Long press “Wireless Sensor” and “ON/OFF” button at the same time. The RF Signal will blinks three times.

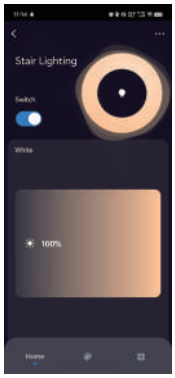
To Clear: Long press “Wireless Sensor” and “ON/OFF” button at the same time. The RF Signal will blinks seven times.



APP Function

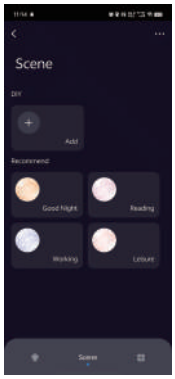
Adjust Brightness/ON/OFF

1%-100% brightness adjustable/ON/OFF



Scene Function

DIY/Good Night/Reading/Working/Leisure



Setting Functionality

Schedule/Do Not Disturb/Default Light/Gradient

