



# User Guide

## Smart Light Bulb, Multicolor

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# About This Guide

This guide provides a brief introduction to Smart Light Bulb, Multicolor and the Tapo app, as well as regulatory information.

Features available in Tapo may vary by model and software version. Tapo availability may also vary by region. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Tapo experience.

## Conventions

In this guide, the following convention is used:

Convention	Description
Blue	Key information appears in teal, including management page text such as menus, items, buttons and so on.
<u>Underline</u>	Hyperlinks are in teal and underlined. You can click to redirect to a website.
■ Note	Ignoring this type of note might result in a malfunction or damage to the device.

## More Info

- Specifications can be found on the product page at <https://www.tapo.com>.
- Our Technical Support and troubleshooting information can be found at <https://www.tapo.com/support/>.
- A Technical Community is provided for you to discuss our products at <https://community.tp-link.com>.
- Setup Video can be found at <https://www.tp-link.com/support/setup-video/>.

# Introduction

The Smart Light Bulb, Multicolor lets you easily control your lights via the Tapo app, no matter where you find yourself. You can adjust brightness, set schedules and timers, and set an alarm that wakes you naturally by simulating the sunrise. Group lights together to control your smart bulbs more easily. Whether you use your preferred Tapo app or Smart Voice Assistant, you can control the light strip easily. With Tapo, your home is never more than a few taps away.

- **16 Million Colors** - Shape the amazing vibe by picking the lights from a wide array of colors, even dim to any brightness you desire.
- **White Tunable** - Adjust the color temperature from 2,500 K to 6,500 K based on your changing needs.
- **Ultra-dim 1% brightness** - With an ultra-dim 1% brightness (<6 lm), ensuring soothing, non-intrusive illumination, ideal for bedside lighting at night.
- **Fancy Lighting Effects** - Amuse yourself with well-designed animated lighting effects, available on Tapo App.
- **Sync-to-Sound** - Use the Tapo App to sync the candle light bulb to your music and create a synchronized lighting experience.
- **Auto Biorhythm Lighting** - Automatically adjusts daily brightness and color temperature based on the natural sunlight patterns.
- **Double-Layer Bulb** - The light mixing effect is better, more uniform, and gentler.
- **Schedule & Timer** - Create a regular schedule to turn on/off the outdoor porch light with your chosen light effects.
- **Preset for Convenience** - Save and preset your favorite lightings for multiple scenarios.
- **No Hub Required** - Connect the L430C light to your home Wi-Fi, then you are all set.
- **Sunrise and Sunset Automation** - Automatically activate your light according to your time zone. Switch on at sunrise and off at sunset, or vice versa.
- **Energy Monitoring** - Monitor your connected devices' real-time power consumption and costs via the Tapo App.
- **Group Control** - Group your smart lights for control of brightness, color, and more, and simultaneously turn your lights and other devices on and off.
- **Voice Control** - Use Amazon Alexa, Google Assistant or Samsung SmartThings. to control your light strip with voice commands.

# Set Up Your Smart Bulb

Follow the steps below to get started with your new smart bulb. Setup videos can be found at <https://www.tp-link.com/support/setup-video/>.

## Step 1. Download Tapo App

Get the [Tapo](#) app from the App Store or Google Play, or by scanning the QR code below.

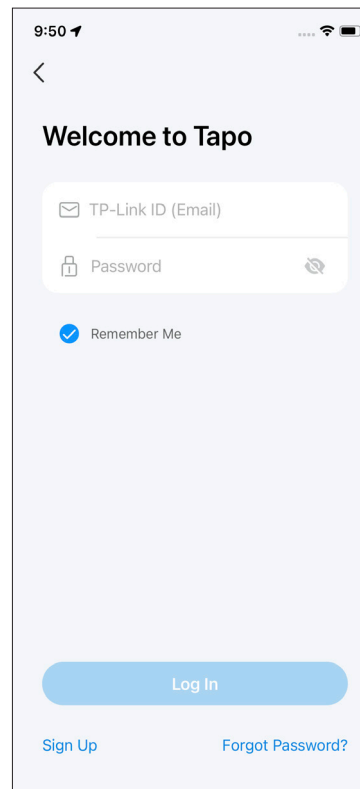


OR



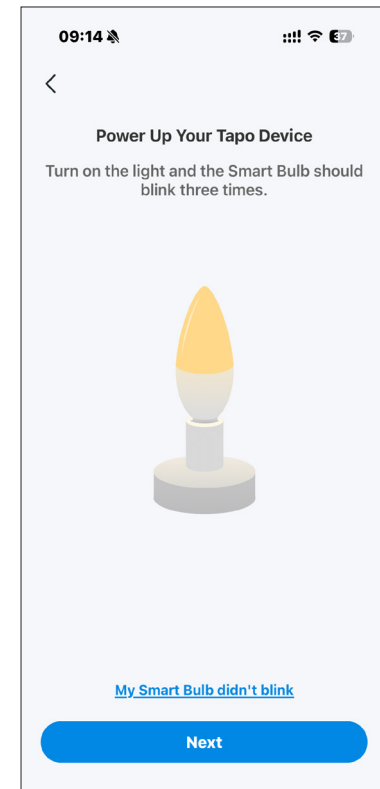
## Step 2. Log In

Open the app, and log in with your TP-Link ID. If you don't have an account, create one first.



## Step 3. Power Up Your Device

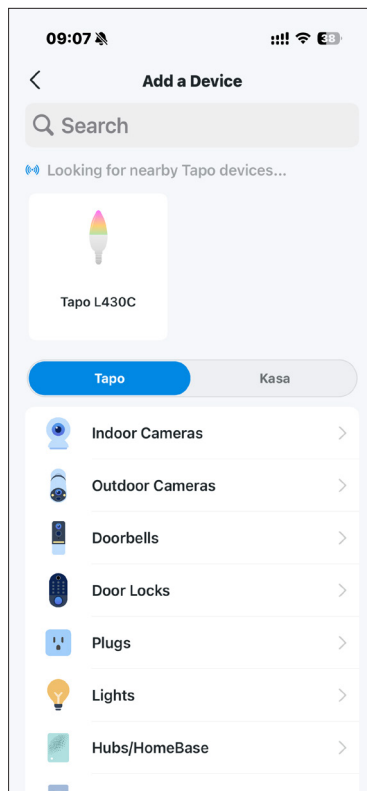
Install your smart bulb and turn on the light. The smart bulb should blink three times.



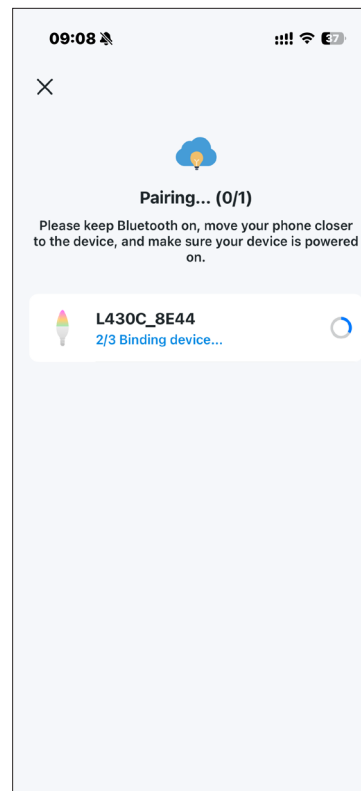
## Step 4. Add Your Device

### Option 1 Auto Discover

Tap the ⊕ button in the app and select Add Device. Enable Bluetooth to find the device card.

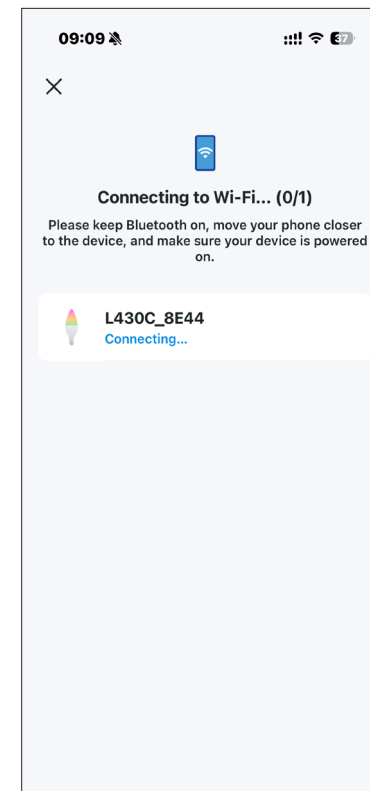


Tap the device card and then **Pair** to pair your smart bulb. You can also check the real-time progress.



Choose your network and connect your device to Wi-Fi. Then follow the in-app instructions to complete the setup.

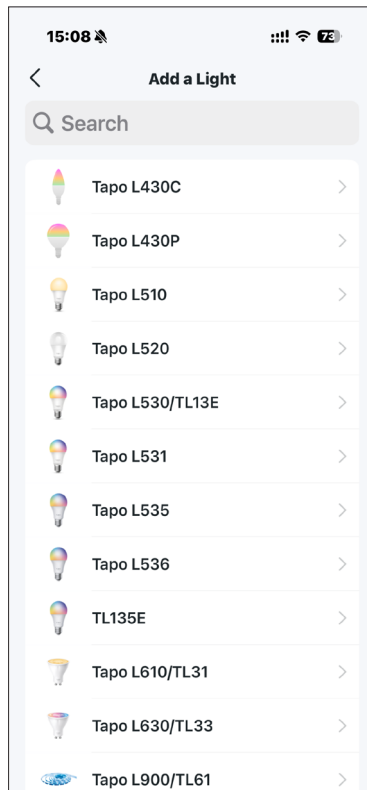
■ To fully enjoy Smart Actions and more features, please set up Wi-Fi after adding the device via Bluetooth.



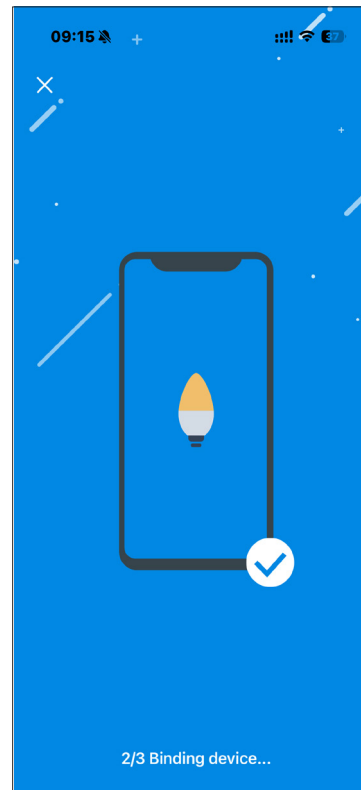
## Step 4. Add Your Device

### Option 2 Manual Setup

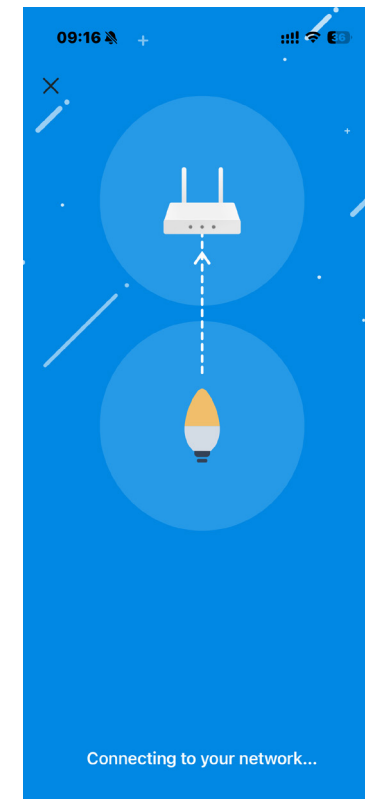
Tap the ⊕ button in the app and select [Add Device](#). Choose [Lights](#) and then your model.



Enable Bluetooth to bind the device. The real-time progress will be displayed.



Connect your device to Wi-Fi. Then follow the in-app instructions to complete the setup.

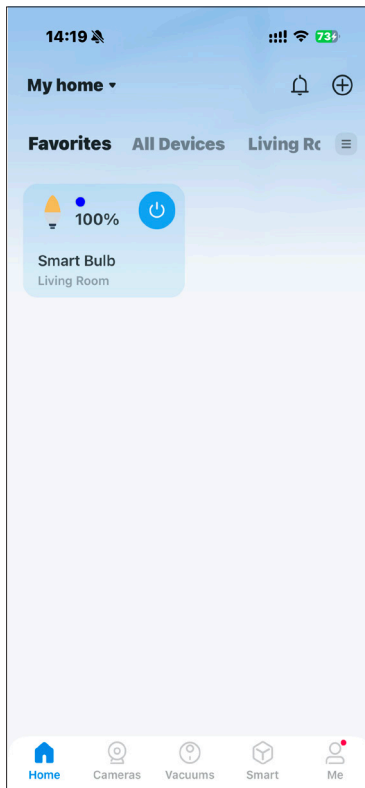


# Basic Device Control

After successfully setting up your smart bulb, you will see the home page of the Tapo app. Here you can view the status of all devices that you've added and manage them. You can tap on the device to control and manage.

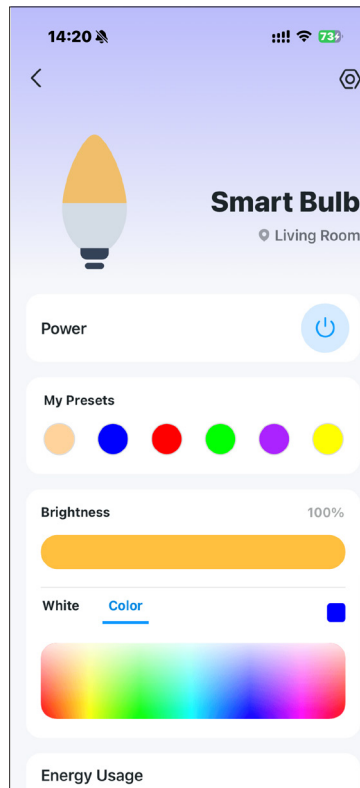
## Home Page

You can turn on/off the bulb any time anywhere and tap the bulb card to enter the status page. When it's connected via Bluetooth, the card will not display its color and brightness.



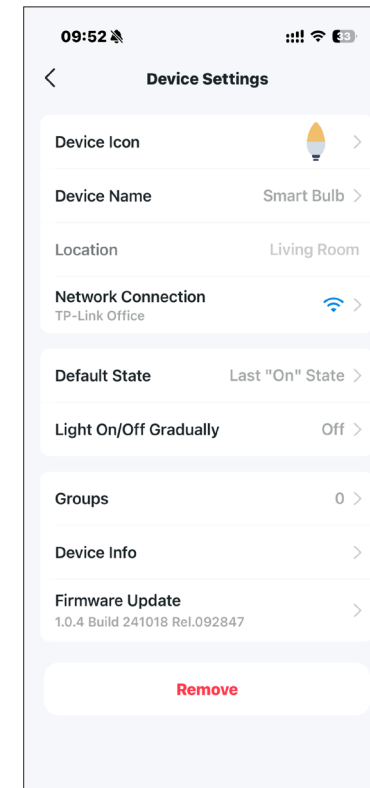
## Device Status Page

You can adjust colors and temperature, enjoy main features to control your device, and view its runtime & energy usage.



## Device Settings Page

You can edit the basic information, set Last On State, enable gentle on/off, add a group, update firmware and more.



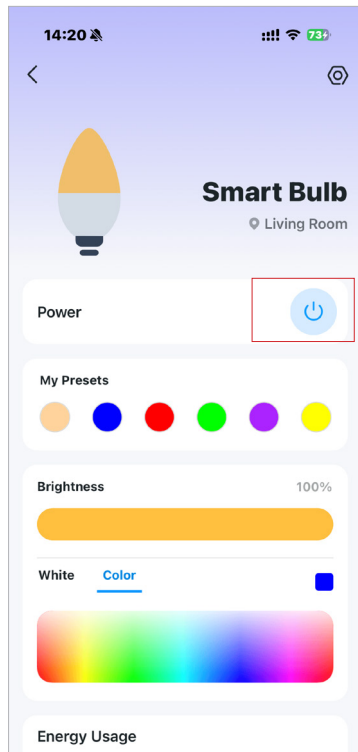


# Configure Your Smart Bulb

You can configure your smart bulb by adjust lighting settings and setting Themes, Presets, Auto White, Schedule, Timer, Away Mode and more.

## Turn On/Off At One Tap

Quickly power on or off your smart bulb with a tap.



## Set Presets

With Presets, you can quickly apply your favorite preset at one tap. To edit preset, just select one and tap edit.



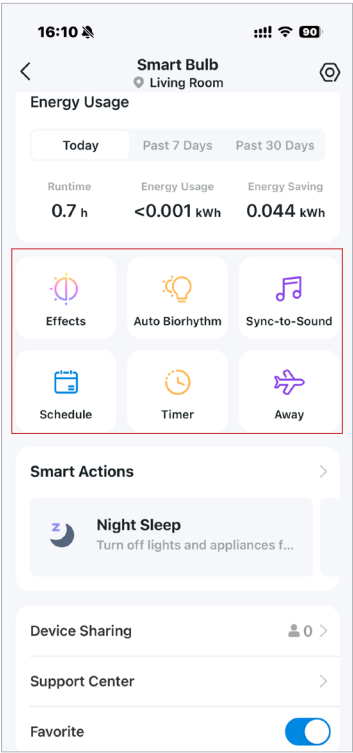
## Adjust Color & Brightness at Fingertips

Quickly apply the color you like with a tap and drag the slider to adjust the brightness.



## Main Features

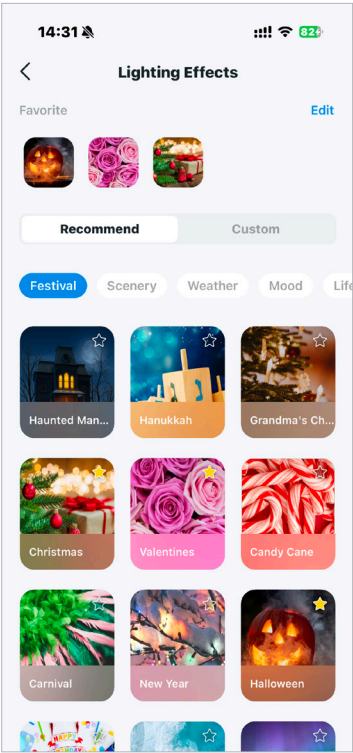
On the device status page, you can use the Effects, Auto Biorhythm, Sync-to-Sound, Schedule, Timer, and Away Mode features.



## Effects

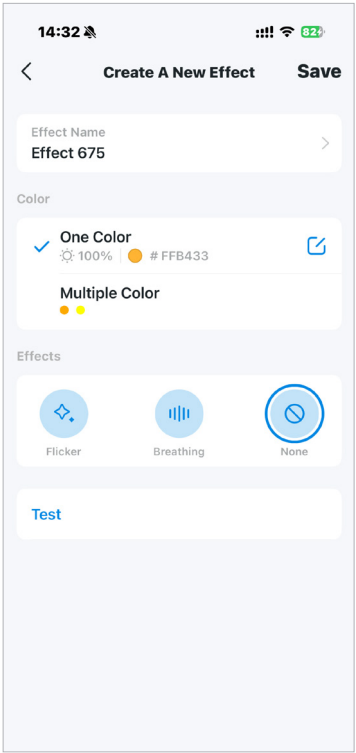
Option 1: Choose a Predefined Effect

You can tap to add predefined effects fit for different scenarios to your favorites for convenience.



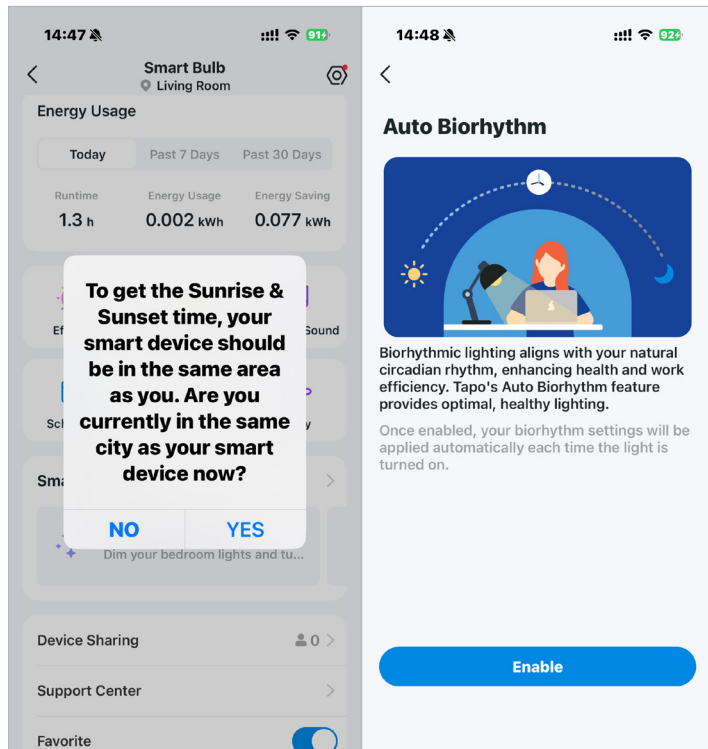
Option 2: Create Your Own Effect

You can also tap [Custom](#) on the Light Effects page to create a new effect to your preference.



## Auto Biorhythm

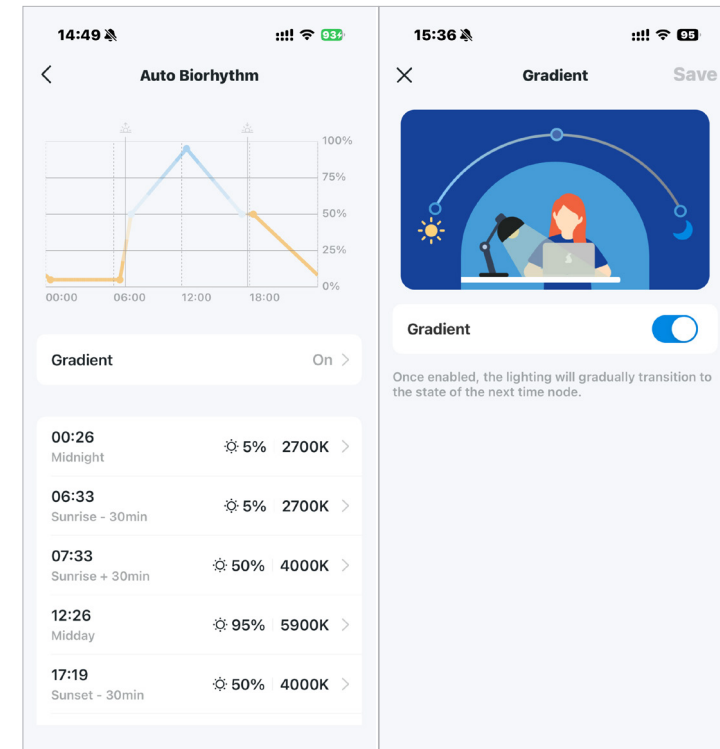
Automatically adjusts daily brightness and color temperature based on the natural sunlight pattern of your positioning area, ensuring the most suitable lighting every time you turn it on. To use it, you need to be in the same city as the device.



## Auto Biorhythm

### Gradient Transition

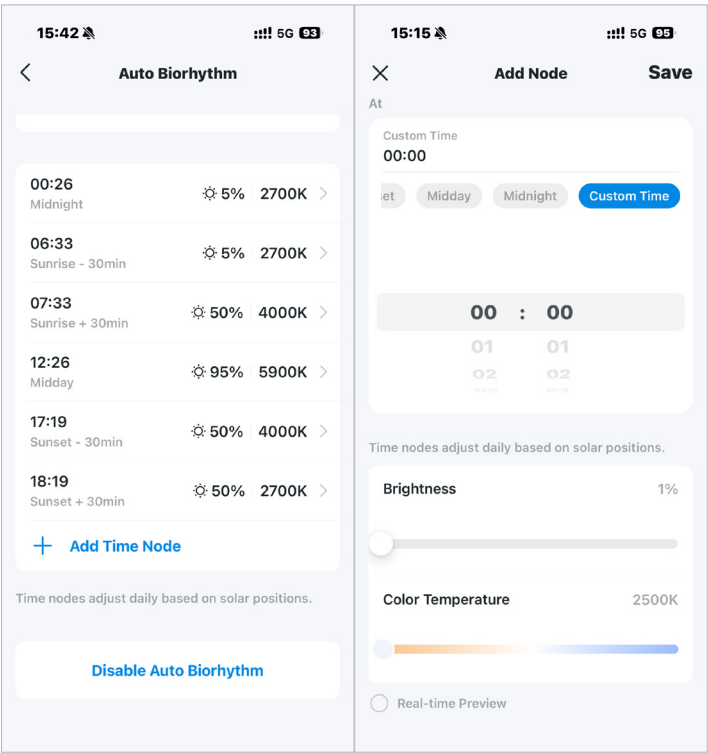
Enable gradual light transition to the next time node.



## Auto Biorhythm

### Set Time Node

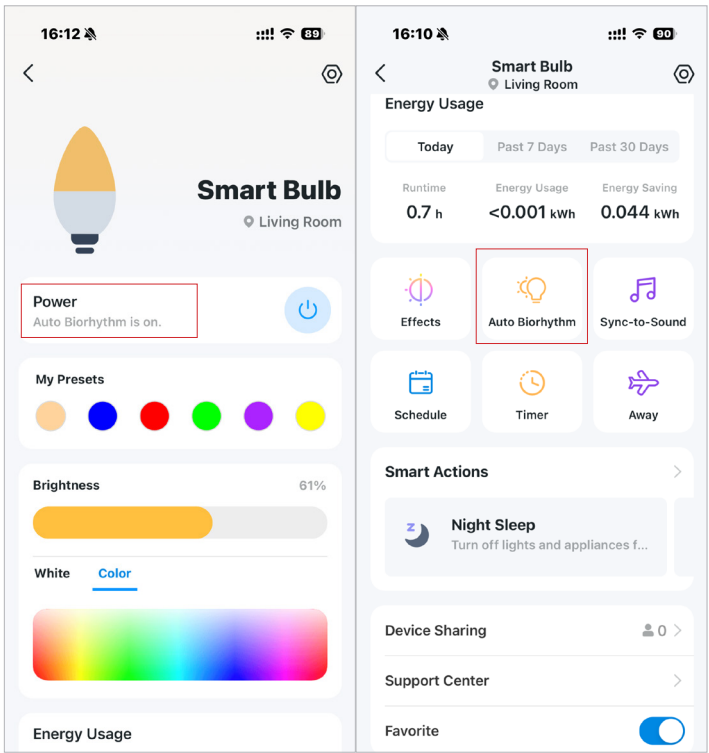
You can edit the default time nodes or add new ones to your preference.



## Auto Biorhythm

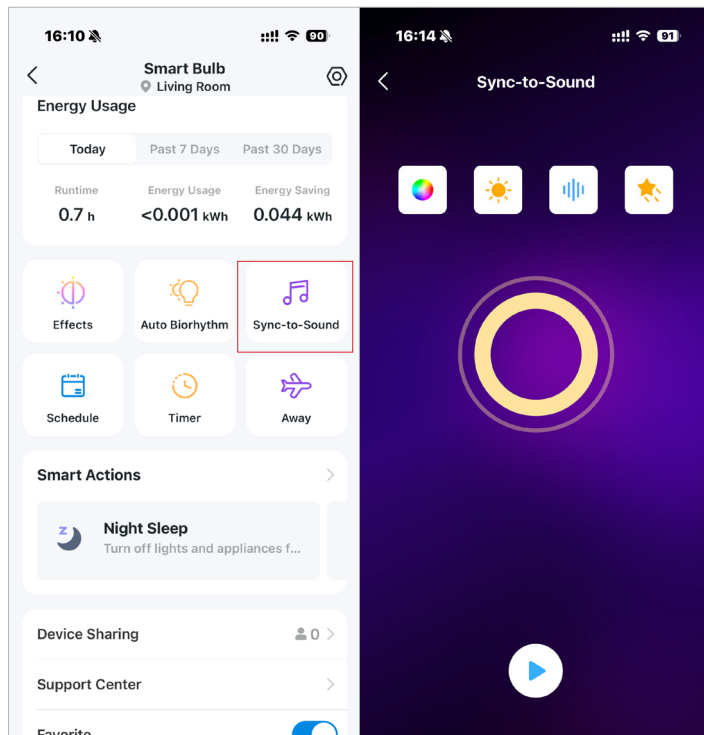
### Auto Biorhythm Status

When Auto Biorhythm is on, you will be notified on the status page. To disable it, enter the Auto Biorhythm page and tap [Disable Auto Biorhythm](#) on the bottom.



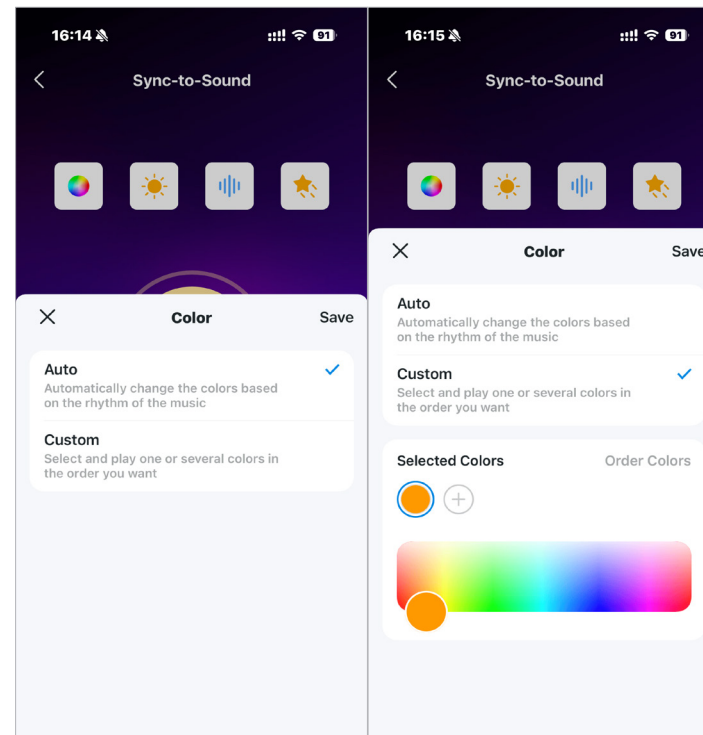
## Sync to Sound

Tap [Sync-to-sound](#) to coordinate your favorite music with your Tapo lights.



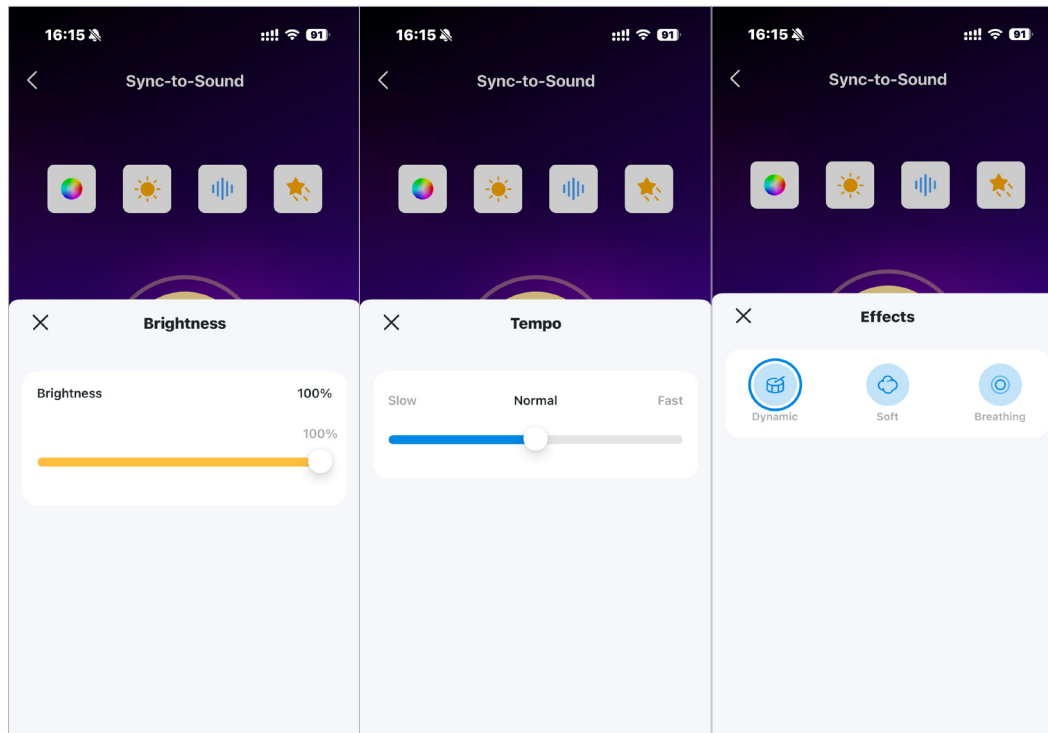
## Sync to Sound

Adjust the displayed color automatically or customize it to your preference.



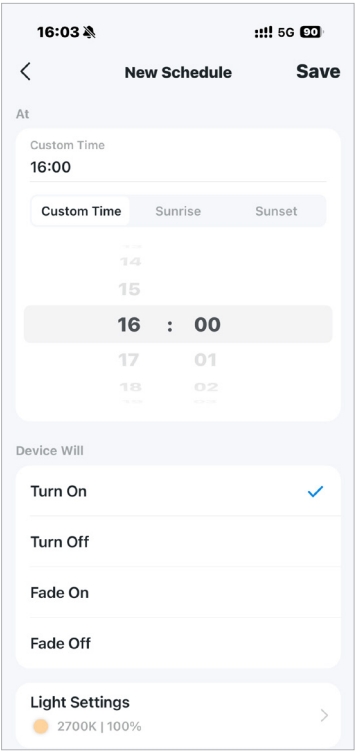
## Sync to Sound

Adjust the displayed brightness, speed and lighting effect according to the music.



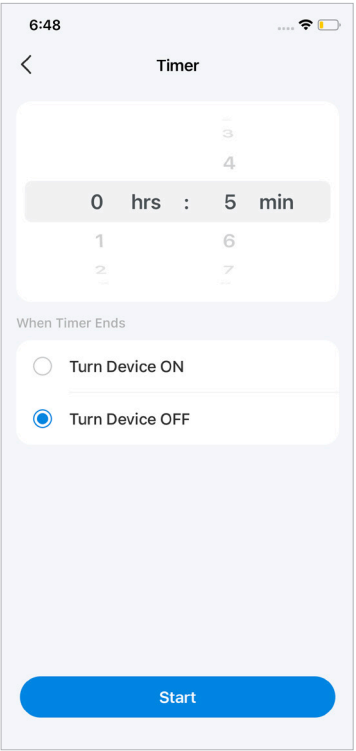
### Set Schedule

Tap [Schedule](#) to set a schedule for your light to automatically turn on or off, or fade on and off, such as turning the porch light on at sunset and off at sunrise.



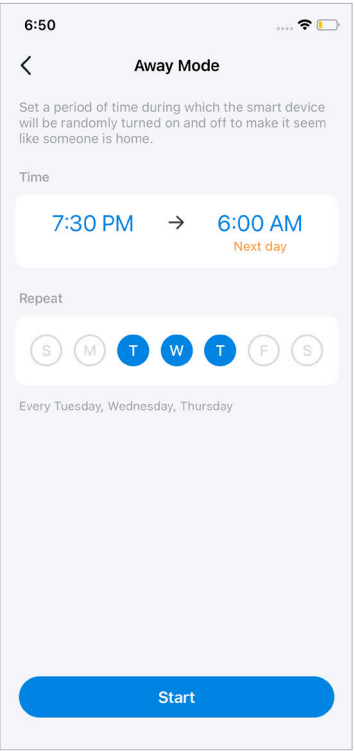
### Set Timer

Tap [Timer](#) to set the timer and lighting settings, then your smart bulb will automatically turn on with the specific settings after the timer ends.



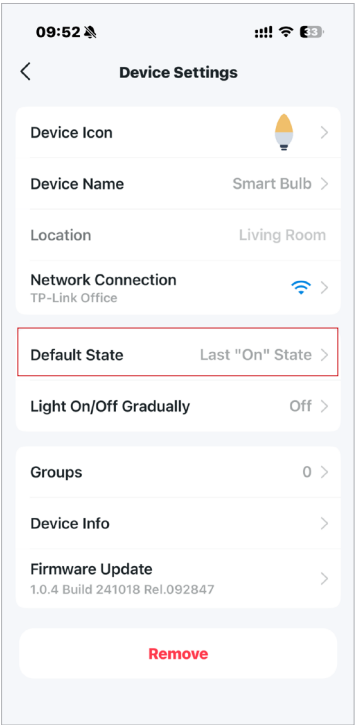
### Away Mode

Tap [Away](#) to preset the Away Mode, set the start and end time, then your smart bulb will be randomly turned on/off during this period.



## Device Default State

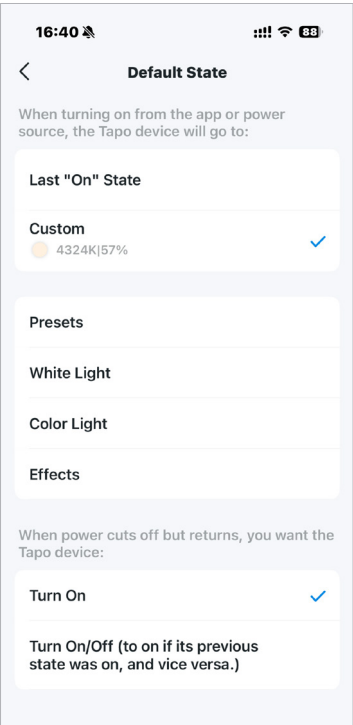
Set the default state (color/brightness/ effect) of your light when turning on from the app or power source or when power cuts off but returns.



## Device Default State

### When turning on from the app or power source

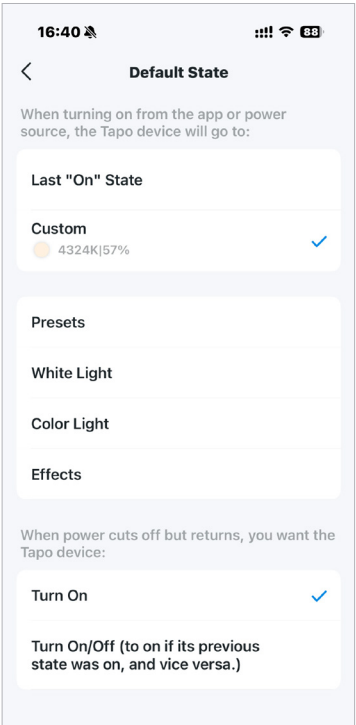
If you select [Last "On" state](#), the smart bulb will go to the remembered state before it was turned off each time it's turned on. Or, you can customize it as you need.



## Device Default State

### When power cuts off but returns

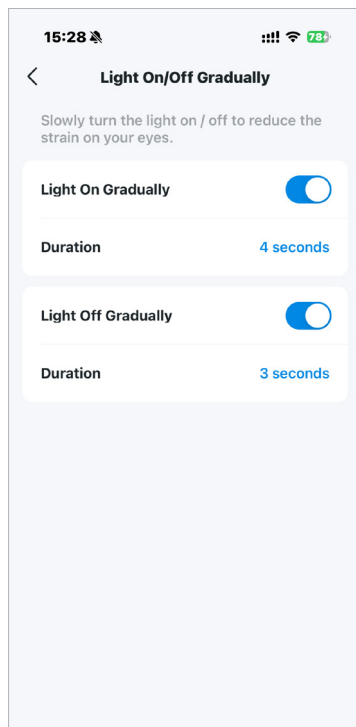
You can choose to turn on your light or to the opposite state of its previous state.





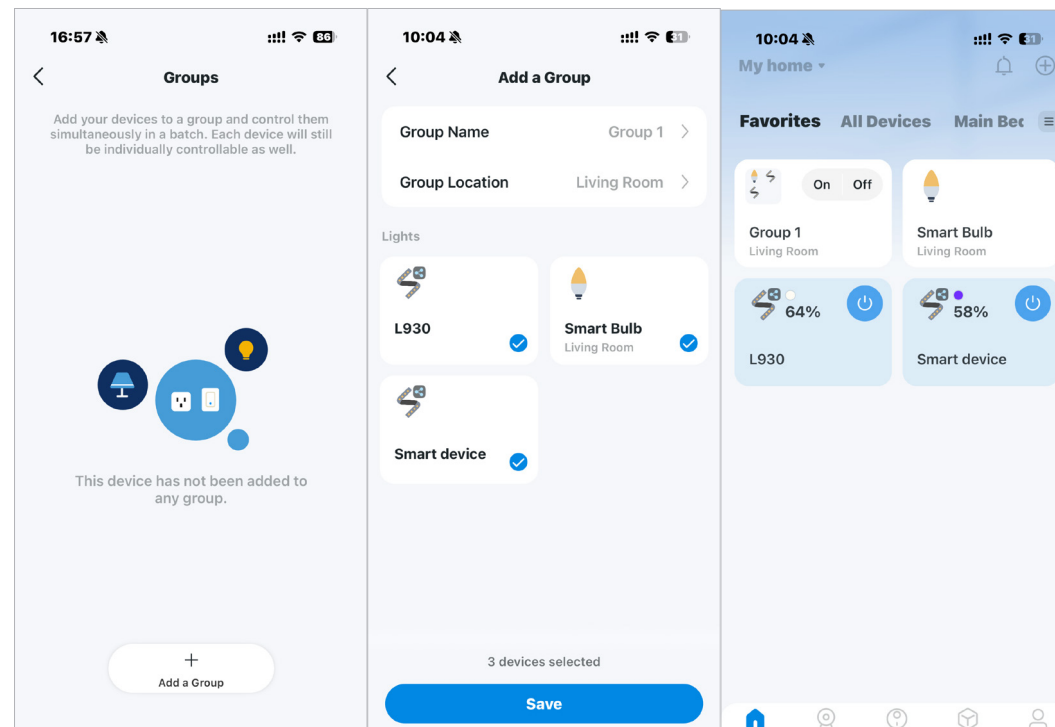
## Light On/Off Gradually

Slowly turn the light on/off to reduce the strain on your eyes.



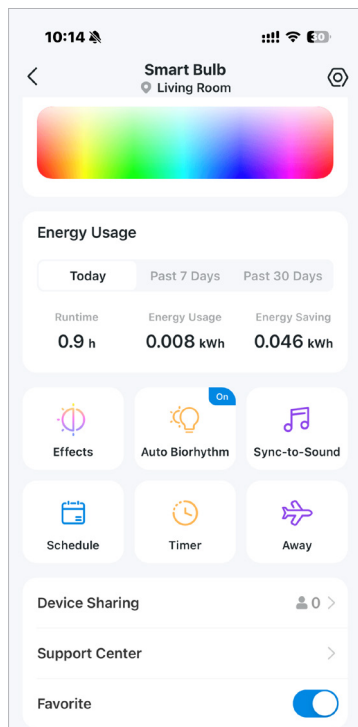
## Groups

Add your lights to a group and control them simultaneously in batch. Each device will still be individually controllable as well.



## Check Runtime & Energy Usage

Slide up to check your bulb's Runtime and Energy Usage today, past 7 days or past 30 days.



# Smart Actions

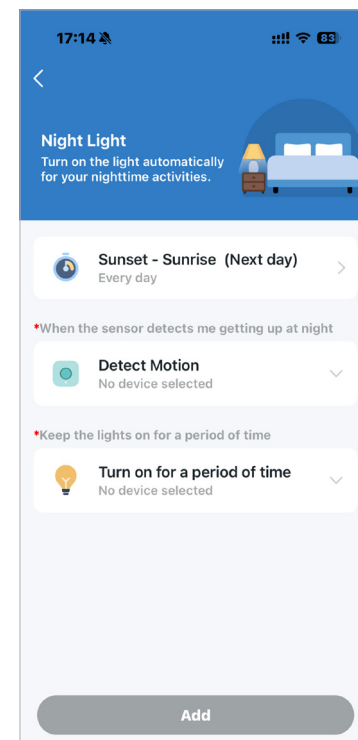
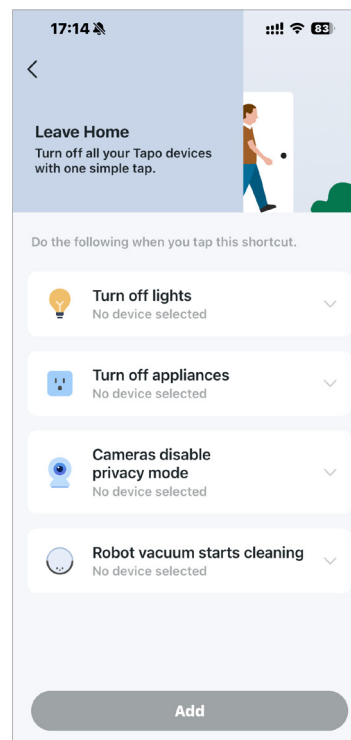
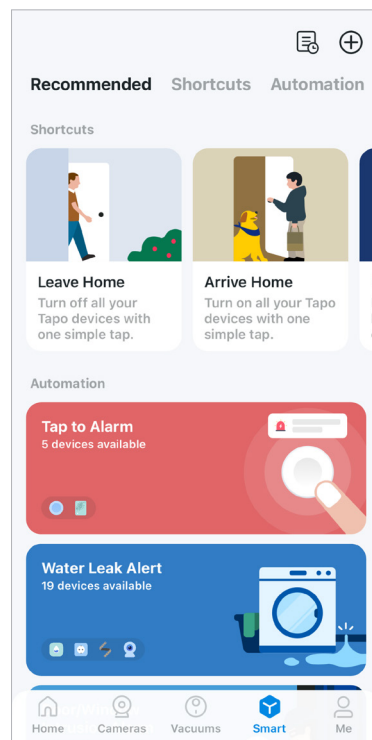
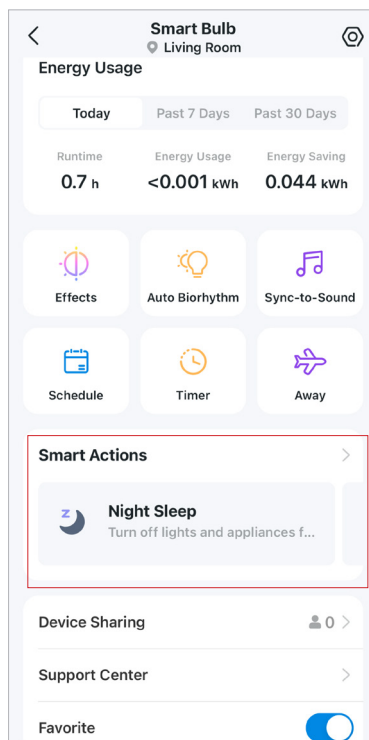
Smart Actions automate repetitive tasks, allowing you to blaze through tedium with utmost ease. Set everything up once and never have to worry about it again. With Smart Actions, giving your home that level of intelligence is a snap. Shortcut lets you perform an action with a simple tap. Automation allows you to automate tasks to be performed at a set time. e.g. The light will light on at sunset.

## Option 1:

### Edit based on the recommended template

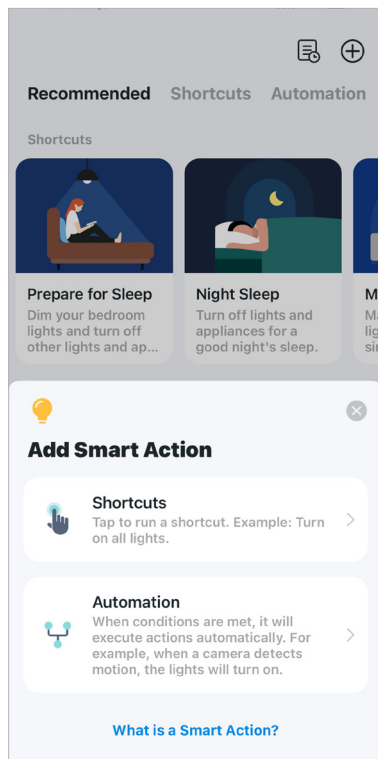
1. Find Smart Actions on the device status page or go to the [Smart Actions](#) page, then you will see the recommended templates (Shortcuts & Automation).

2. Tap on the template you like to select devices and set up, then tap [Add](#) to save changes.



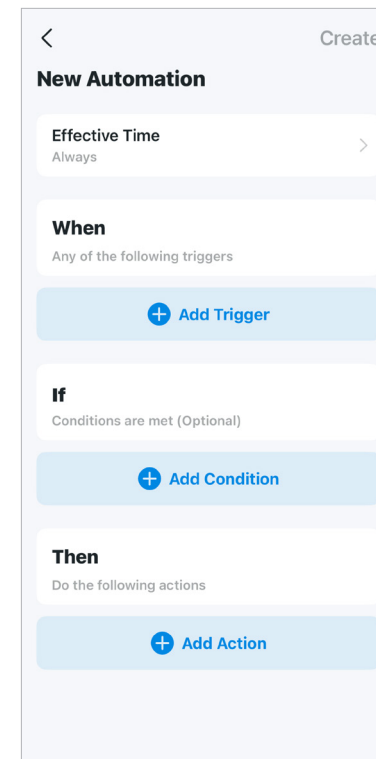
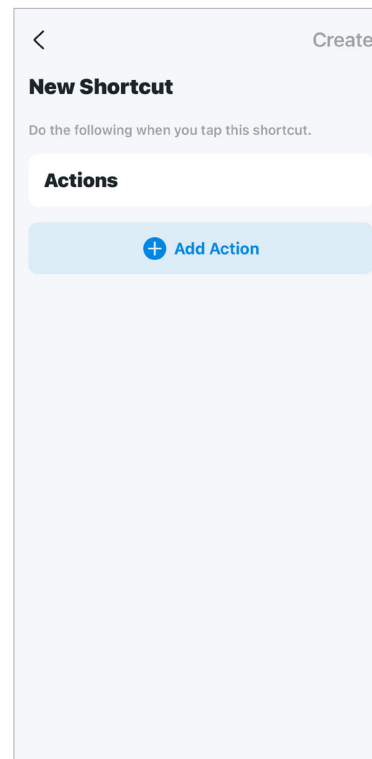
## Option 2: Create your own actions

1. On the [Smart Actions](#) page, tap **+** on the upper right to create your own actions.



2. For Shorcuts: Tap **+** to add action like turning on the smart bulb.

For Automation: Tap **+** to add triggers ([When](#)) like the trigger time, tap **+** to add action ([Then](#)), and tap **+** to add action ([Then](#)) like turning on the smart light strip.

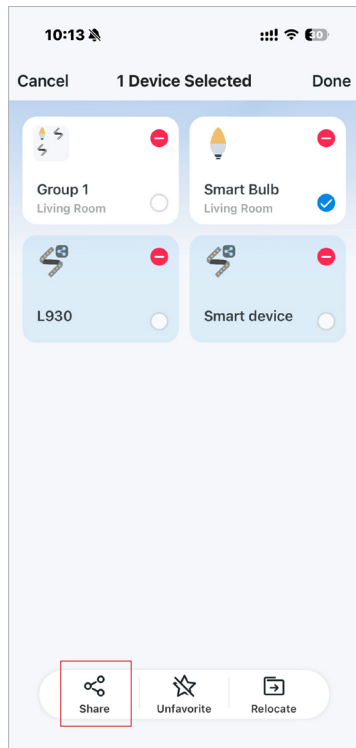


# Share Your Smart Bulb

You can invite your family members to manage your Tapo devices together by entering the TP-Link ID (email) you want to share the devices with.

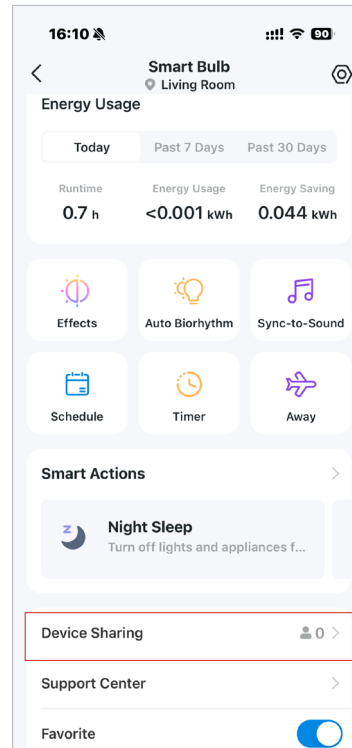
## Option 1

On the home page, long press the Light Strip card and tap [Share](#).



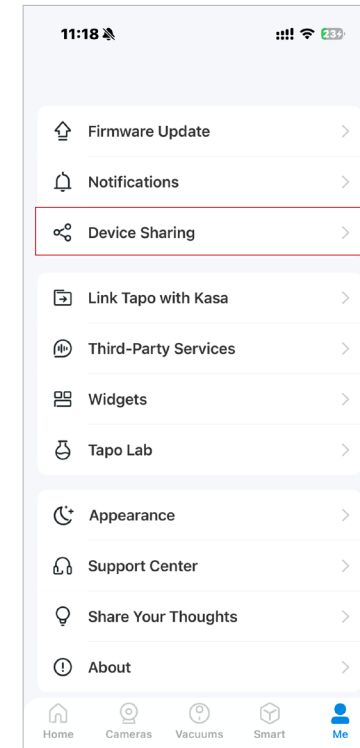
## Option 2

Go to the [Device Status](#) page, slide up and tap [Device Sharing](#).



## Option 3

Go to the [Me](#) page and tap [Device Sharing](#) to view your shared devices and devices shared from others.



# Reset Your Smart Bulb

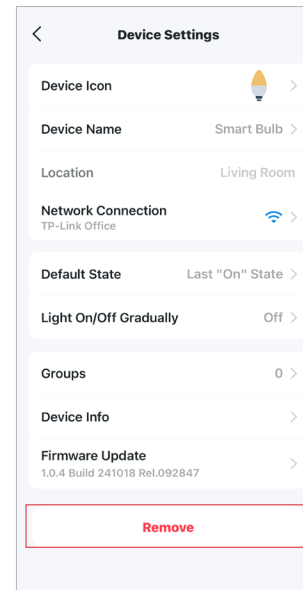
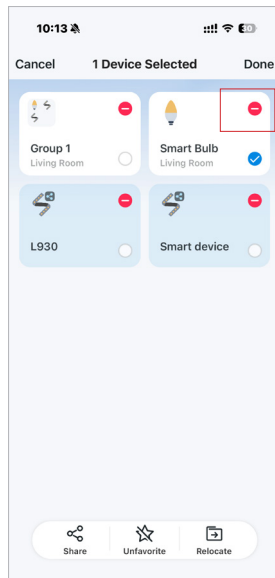
There are two types of reset available: a soft reset which resets the Wi-Fi settings only, and a factory reset that erases all of your custom settings and restore them to factory defaults.

## Soft Reset (without losing the configuration settings except Wi-Fi)

1. Turn the light switch controlling the smart bulb to the on position first.
2. Switch it off and on 3 times, pausing for two seconds in between.
3. Wait for about 4 seconds and the smart bulb should blink 3 times, which indicates a successful soft reset.

## Factory Reset (back to factory default settings)

On the home page in Tapo app, long press the card and tap **Remove**. **OR** Go to the Device Settings page and tap **REMOVE** at the bottom.

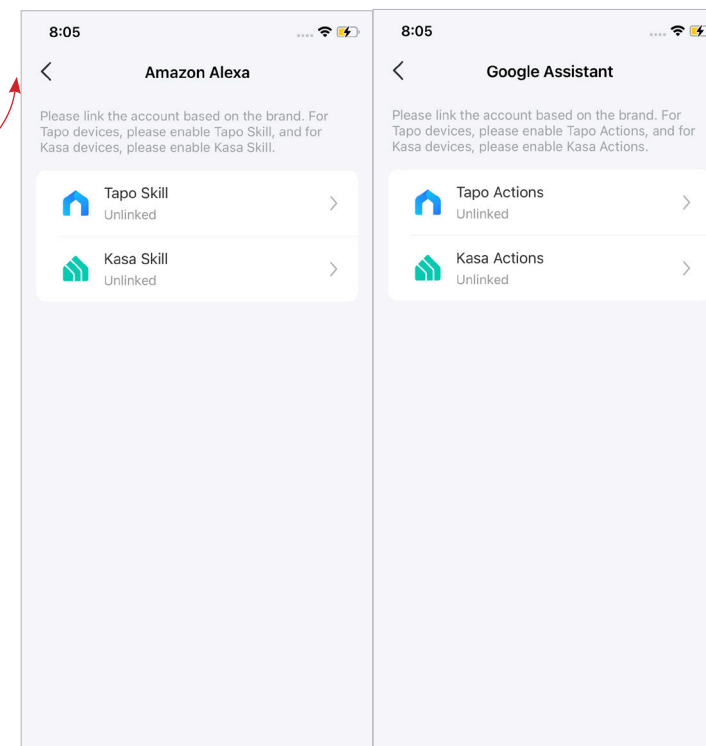
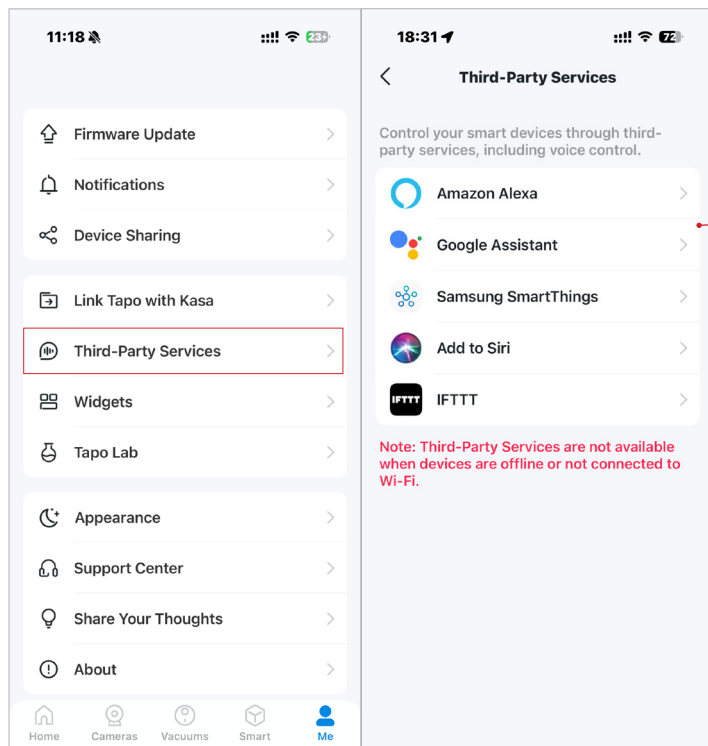


# Third-Party Services

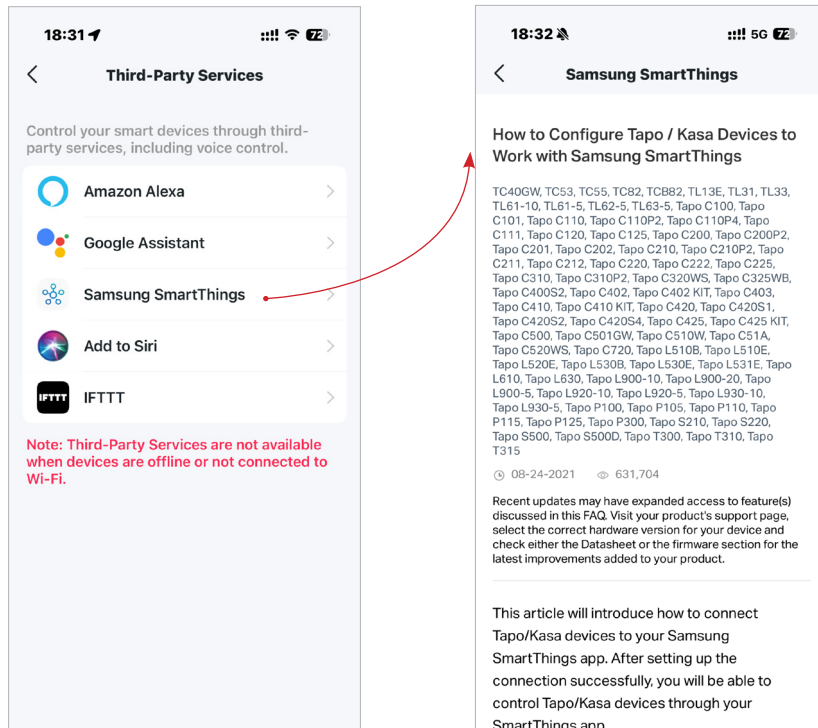
Control your smart devices through third-party services, including voice control. Free up your hands with simple voice commands to control your devices via Amazon Alexa or Google Assistant.

Go to [Me](#) page and tap [Third-Party Services](#).

Select [Amazon Alexa](#) or [Google Assistant](#). Follow the app instructions to control your device via voice.



Select **Samsung SmartThings** and follow the instructions to control your device via voice.





# Authentication

## CE Mark Warning



## Operating Frequency

2400 MHz -2483.5 MHz (20dBm)

## EU declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011 /65/EU and (EU) 2015/863.

The original EU declaration of conformity may be found at <https://www.tapo.com/support/ce/>

## RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

Restricted to indoor use.



## UK declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK declaration of conformity may be found at <https://www.tapo.com/support/ukca/>



Продукт сертифіковано згідно з правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.



## Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device.
- Do not use the device where wireless devices are not allowed.
- Only use the control provided with or specified by these instructions to control this device.
- For lamps with a weight significantly higher than that of the lamps for which they are a replacement, attention should be drawn to the fact that the increased weight may reduce the mechanical stability of certain luminaires and lampholders and may impair contact making and lamp retention.









## WARNING:













- RISK OF ELECTRIC SHOCK OR BURNS. Switch OFF the light switch controlling the bulb and WAIT for the bulb to cool down before attempting to change it.
- Do not install the Smart Bulb with wet hands or when standing on wet or damp surfaces.
- Compatible with regular light switches. Not suitable for use with standard in-wall dimmers. Not compatible with photosensors, motion sensors, or timers. Dimmable via the app only.
- NOT for use in totally enclosed or recessed luminaires. Suitable for damp locations.
- NOT FOR EMERGENCY LIGHTING.
- The increased weight may reduce the mechanical stability of certain luminaires and lampholders and may impair contact making and lamp retention.






- Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due to improper use of the device. Please use this product with care and operate at your own risk.
- Operating Temperature: -15°C~40°C(5°F~104°F)
- Storage Temperature: -40°C~60°C(-40°F-140°F)
- Operating Humidity: 10%~90%RH, Non-condensing
- Storage Humidity: 5%~90%RH, Non-condensing

## Explanation of the symbols on the product label

Symbols may vary from products.

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing
	Dimming not allowed
	Lamp not suitable for use under moisture
	Alternating current
	DC voltage
	Polarity of output terminals
	Indoor use only

Symbol	Explanation
	Dangerous voltage
	Caution, risk of electric shock
	Energy efficiency Marking
	Protective earth
	Earth
	Frame or chassis
	Functional earthing
	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)

Symbol	Explanation
	Fuse
	Fuse is used in neutral N
	<p>RECYCLING</p> <p>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.</p> <p>User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.</p>
	Caution, avoid listening at high volume levels for long periods
	Disconnection, all power plugs
m	Switch of mini-gap construction
μ	<p>Switch of micro-gap construction (for US version)</p> <p>Switch of micro-gap / micro-disconnection construction (for other versions except US)</p>
ε	Switch without contact gap (Semiconductor switching device)