



User Guide

Kasa Smart Light Bulb

KL110 / KL110B / KL130 / KL130B / KL125 / KL135

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About This Guide

This guide provides a brief introduction to smart bulb and the Kasa Smart app, as well as regulatory information.

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

Conventions

In this guide, the following convention is used:

Convention	Description
Teal	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.

Support

- Specific product information can be found on the product page at <https://www.tp-link.com>.
- A Technical Community is provided for you to discuss our products at <https://community.tp-link.com>.
- Our Technical Support contact information can be found at the Help center of the Kasa Smart app and the [Contact Technical Support](#) page at <https://www.tp-link.com/support>.
- Videos about how to configure the smart bulb features can be found on the [Setup Videos](#) page at <https://www.tp-link.com/support/setup-video/#smart-bulbs>.

Introduction

The Smart Bulb is part of the Kasa smart home family of products, including plugs, switches, cameras and more. You can adjust brightness, track energy consumption, 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 and create your own scenes.

Turn your home into a true smart home with Kasa Smart. You can also control multiple smart home devices with the Kasa Smart app or use your voice for added convenience. With Kasa, your home is never more than a few taps away.

- **No Hub Required** - The smart bulb screws in just like an ordinary bulb. Simply download the Kasa Smart app, connect to Wi-Fi and enjoy. No need for a hub or extra equipment.
- **Scheduling** - Set your smart bulb to turn on or off while you are home or away.
- **Energy Saving** - Reduce power usage without compromising on light quality.
- **Voice Control** - Use simple voice commands with Alexa, Google Assistant or SmartThings.
- **Remote Control** - Set up the smart bulb easily and control from anywhere with the free Kasa Smart app.

KL110 (Dimmable)	KL130 (Multicolor)	KL125 (Multicolor)
 A white smart bulb with a silver base, emitting a warm yellow glow.	 A white smart bulb with a silver base, emitting a vibrant pink glow.	 A white smart bulb with a silver base, emitting a multi-colored rainbow glow.
A dimming range from 1%-100%, lighting for any occasion	A wide range of colors and adjustable brightness (2500K~9000K)	A wide range of colors and adjustable brightness (2500K~6500K)

KL110B (Dimmable)	KL130B (Multicolor)	KL135 (Multicolor)
		
A dimming range from 1%-100%, lighting for any occasion	A wide range of colors and adjustable brightness (2500K~9000K)	A wide range of colors and adjustable brightness (2500K~9000K). FFS (Frustration-Free Setup) supported.

Set Up Your Smart Bulb

Follow the steps below to set up your smart bulb via the Kasa Smart app.

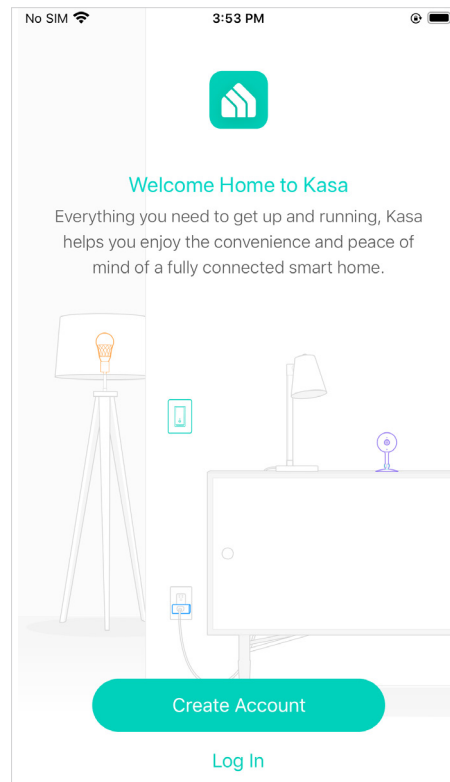
1. Download Kasa Smart App

Go to Google Play or the App Store or scan the QR code below to download and install the Kasa Smart app.



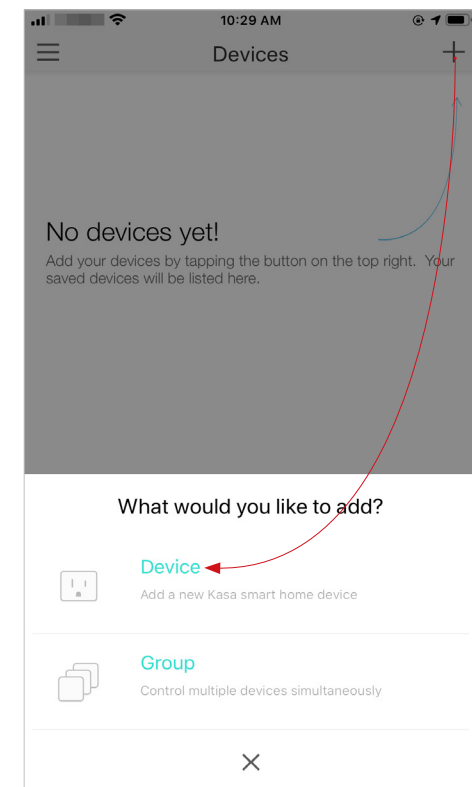
2. Log In to Kasa Smart App

Open the app and use your TP-Link ID to log in. If you don't have a TP-Link ID, tap [Create Account](#) and the app will guide you through the rest.



3. Add Your Devices

Tap the [+](#) button in the app and select [Device](#) to add your new Kasa smart bulb. Follow app instructions to complete the setup.



Setup Using Amazon Frustration-Free Setup

What is Amazon Frustration-Free Setup (FFS)?

Amazon Frustration-Free Setup can help connect and set up your Kasa smart bulb in fewer steps, without having to remember and re-enter your Wi-Fi password on each device.

To use this feature, confirm the following:

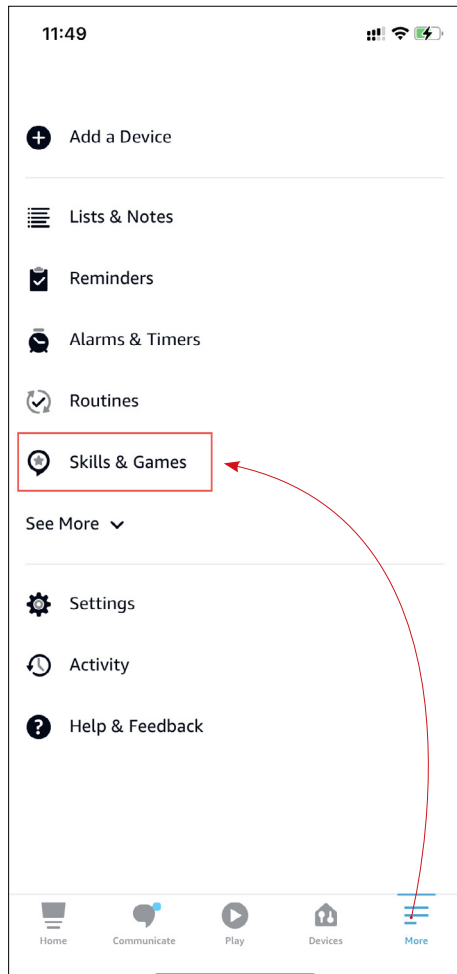
- The new Kasa smart bulb supports Amazon FFS (Currently only model KL135 supports Amazon FFS).
- You have an Amazon FFS enabled Alexa device or router.
- You have saved your Wi-Fi information to Amazon by using Alexa echo.
- Your Kasa smart bulb and router are on the same network as your Alexa echo.

LED Indications during Amazon Frustration-Free Setup

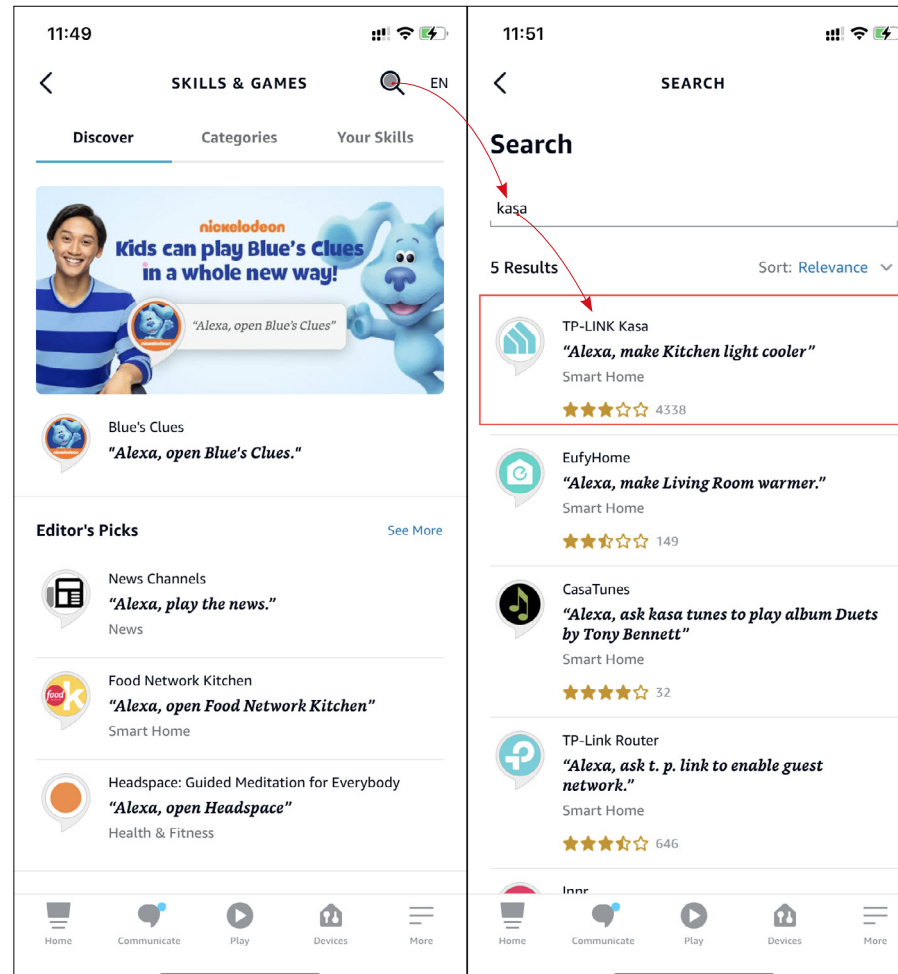
LED	Status
Solid white	Ready for setup or working properly
Blinking red, green and blue once in sequence and then remain solid white	FFS setup in progress
Blinking white three times	FFS setup failed and you can set up the bulb from app manually

How to use Amazon Frustration-Free Setup with Kasa bulbs

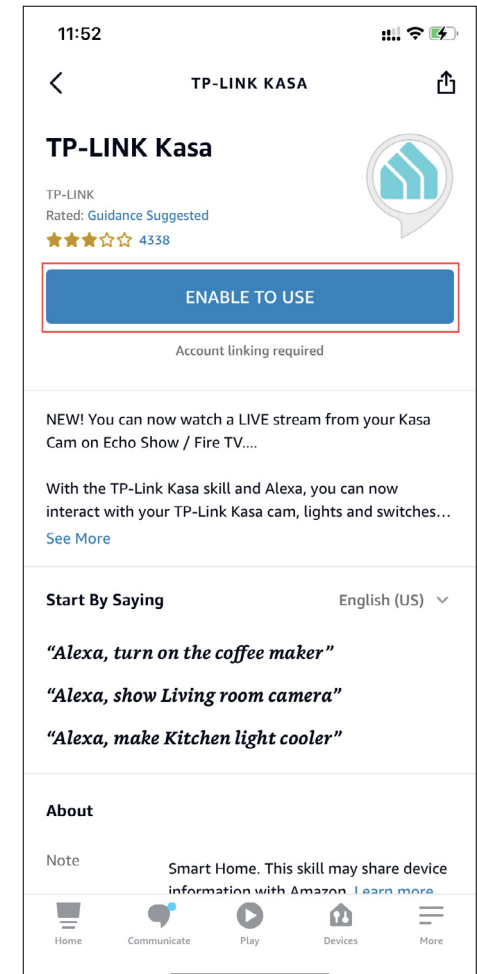
1. Open the Amazon Alexa app. Then go to **More > Skills & Games**.



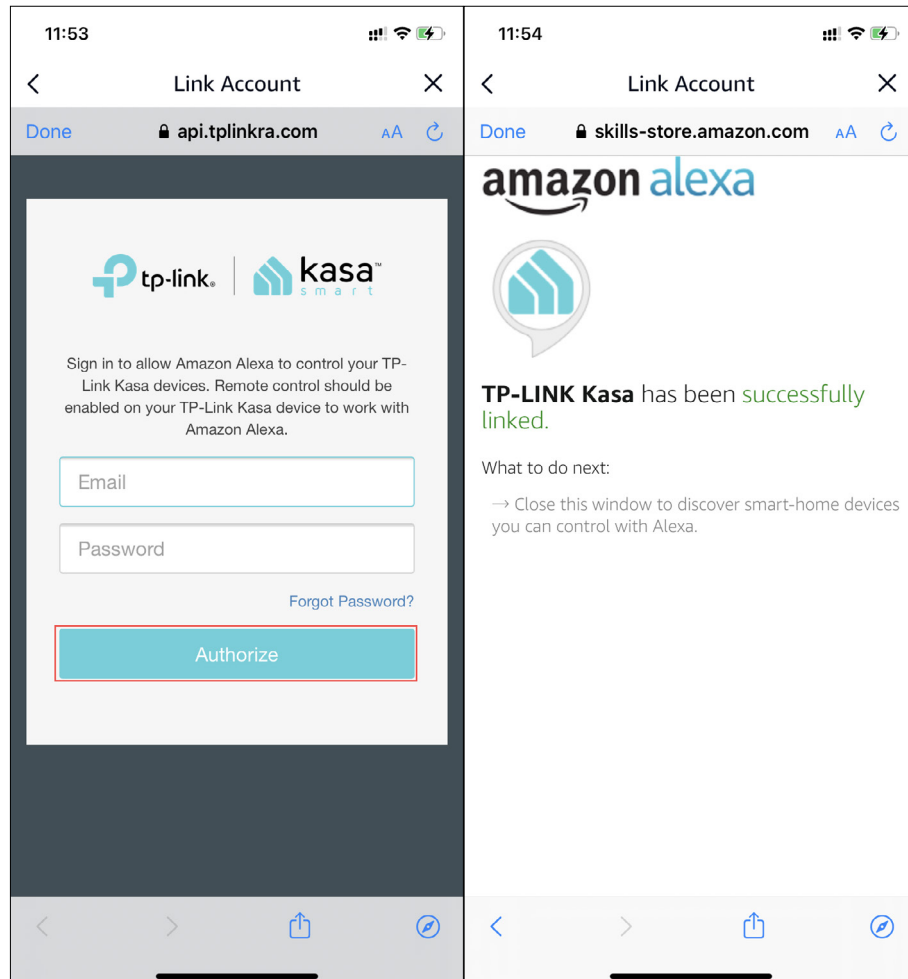
2. Enter **Kasa** in the search bar and choose **TP-LINK Kasa**.



3. Tap the **ENABLE TO USE** button.



4. Log in with your TP-Link ID that has bound to your Kasa smart bulb, and then tap [Authorize](#). After authorized successfully, the message [TP-LINK Kasa has been successfully linked](#) will come up.



5. Plug in your Kasa smart bulb and the setup will complete automatically in two minutes.

For setting up more Kasa smart bulbs, just plug in and enjoy!

Done!

If this new smart bulb displays on the Home page in the Kasa Smart app, it indicates this bulb has been successfully associated with your Amazon account and joined your Wi-Fi network automatically.

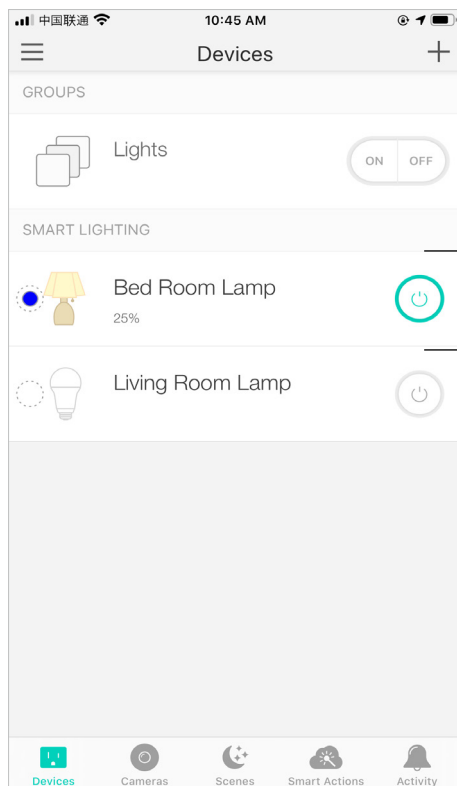
If this new smart bulb does not display on the Home page in the Kasa Smart app, try setting it up manually via the Kasa Smart app by following [Set Up Your Smart Bulb](#).

Main Device Control

After you successfully set up your smart bulb, you will see the [Devices](#) page in the Kasa app. You can add new devices, control multiple devices simultaneously in a group, configure account settings, and more.

Devices Page

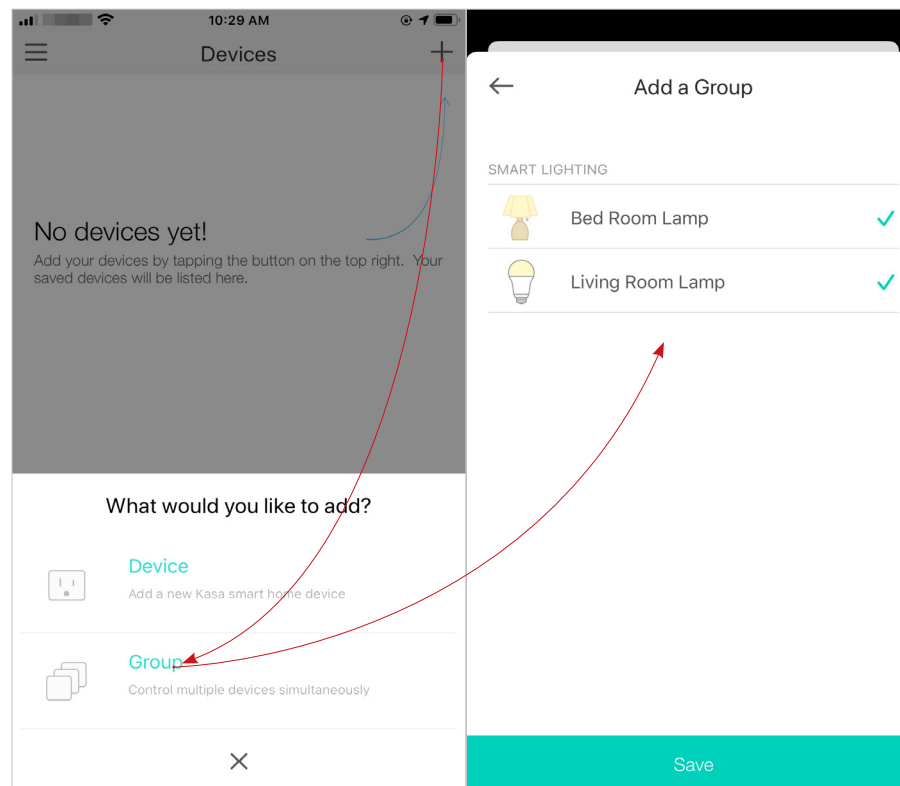
Tap the ON/OFF button to instantly turn on/off the bulb.



Add a Group

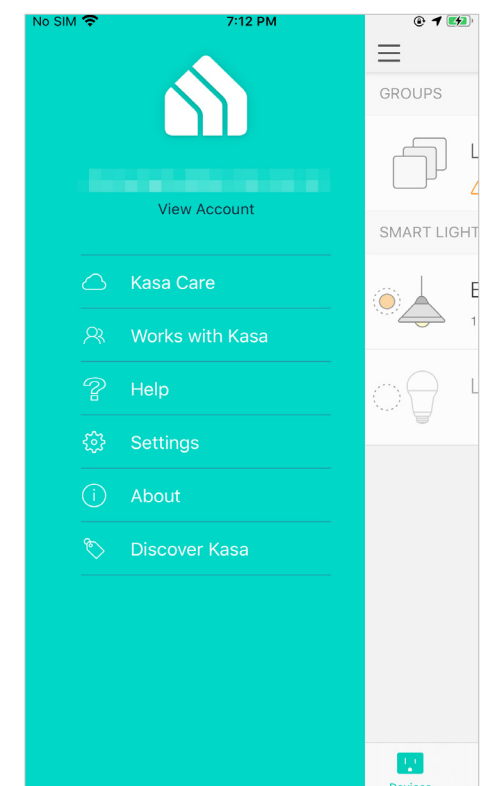
Tap + > [Group](#) to add a group for controlling multiple devices simultaneously.

Tip: You need to add some devices before you group them together.



Configure Kasa Settings

Swipe right and you can configure settings for your Kasa account or get more information about Kasa.



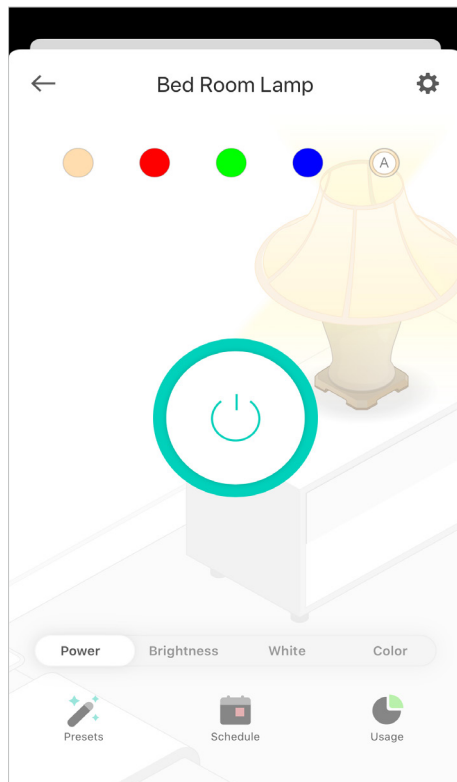
Configure Your Smart Bulb

On the [Devices](#) page, tap a smart bulb and enter the Smart Bulb page. You can adjust the light temperature or color (only for KL130 / KL125 / KL135), power on or off your bulb at one tap, set brightness, schedules, shortcuts, track energy consumption and configure the bulb settings.

*Here we take KL130 as an example.

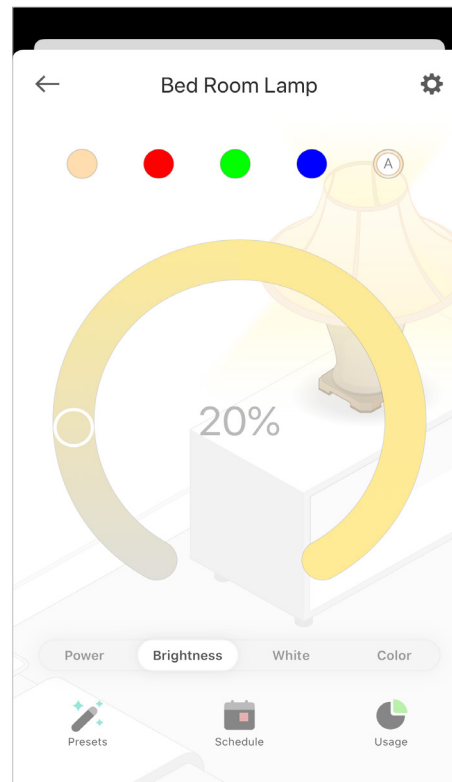
Power On/Off At One Tap

On the Smart Bulb page, you can quickly power on or off your smart bulb with a single button.



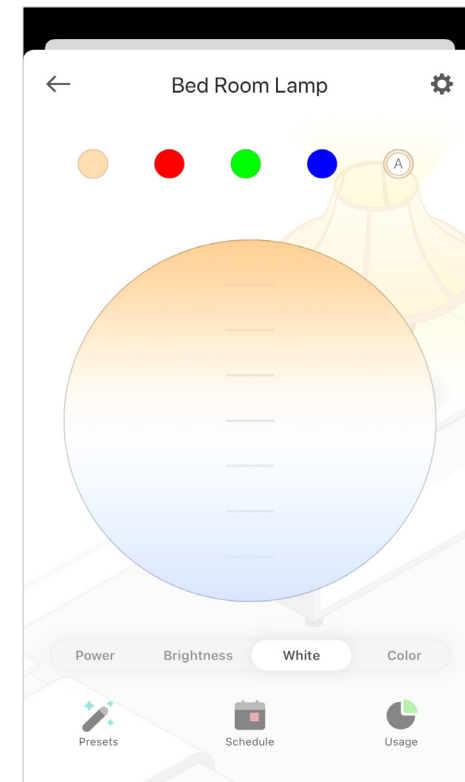
Adjust Brightness

Dim your smart bulb with a range from 1% to 100%.



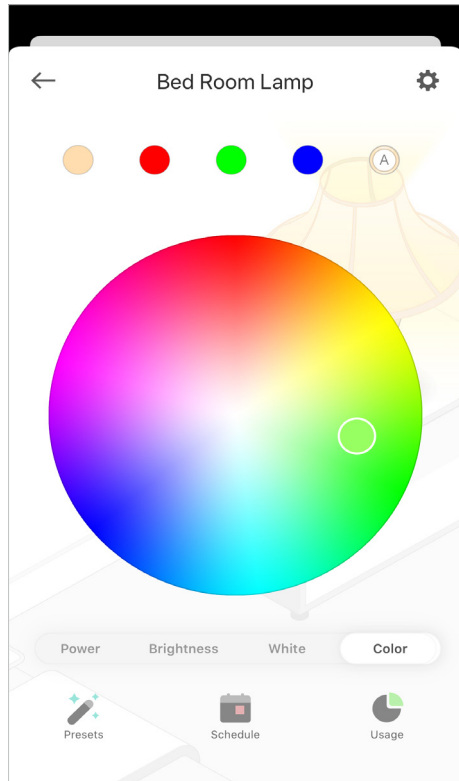
Adjust Light Temperature

Adjust the light temperature for your smart bulb easily (Only for KL130 / KL125 / KL135).



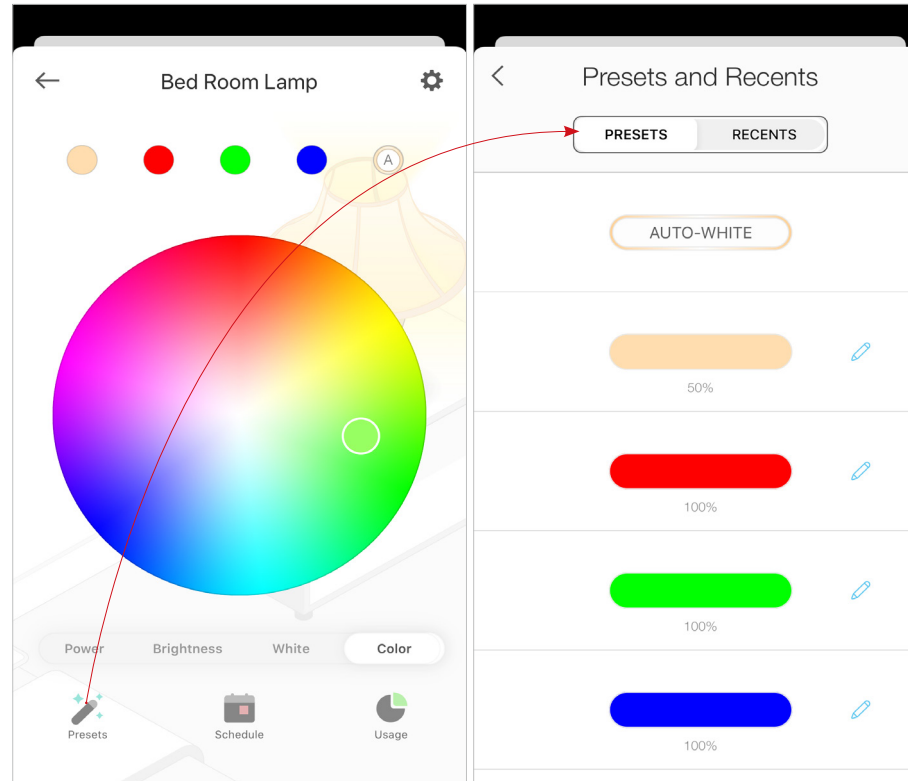
Adjust Color

Choose a preferred color for your smart bulb
(Only for KL130 / KL125 / KL135).



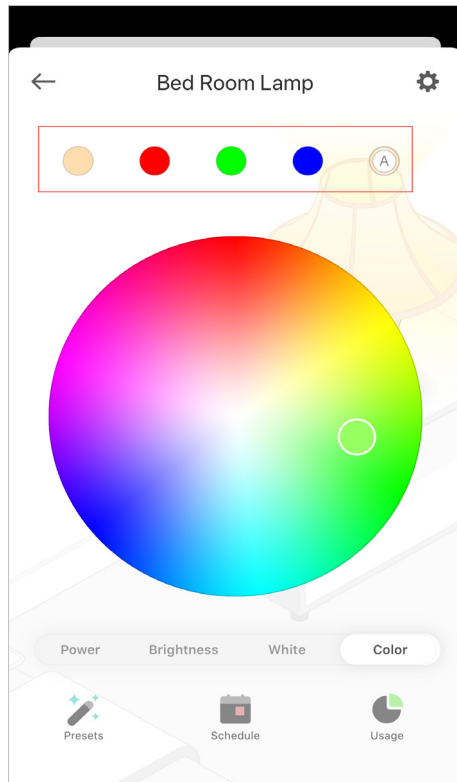
Presets and Recents

Tap  to customize presets and apply what you have set recently to your smart bulb.



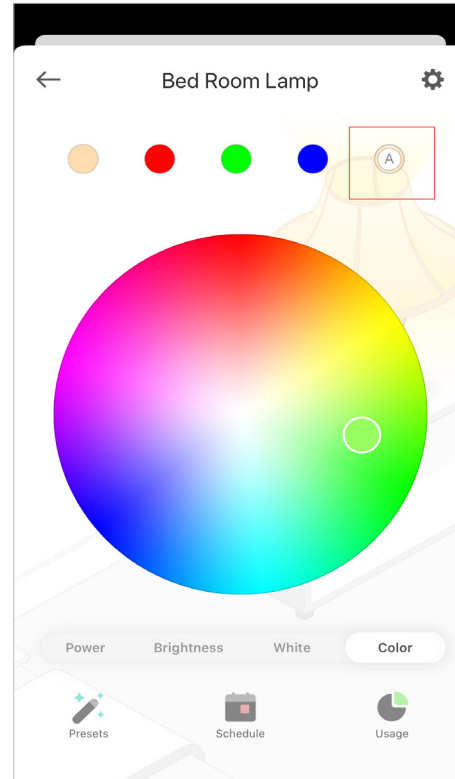
Shortcuts

With shortcuts, you can quickly apply your favourite presets at one tap.



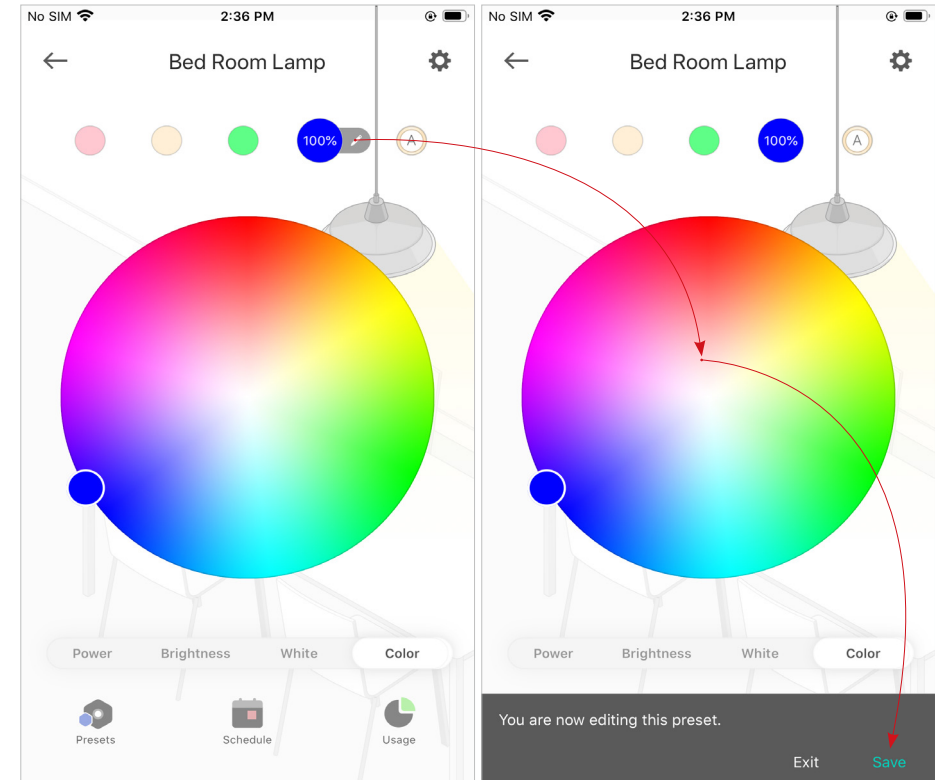
Auto-White

Tap the Auto-White shortcut and your smart bulb will follow the color and brightness of the sun throughout the day.



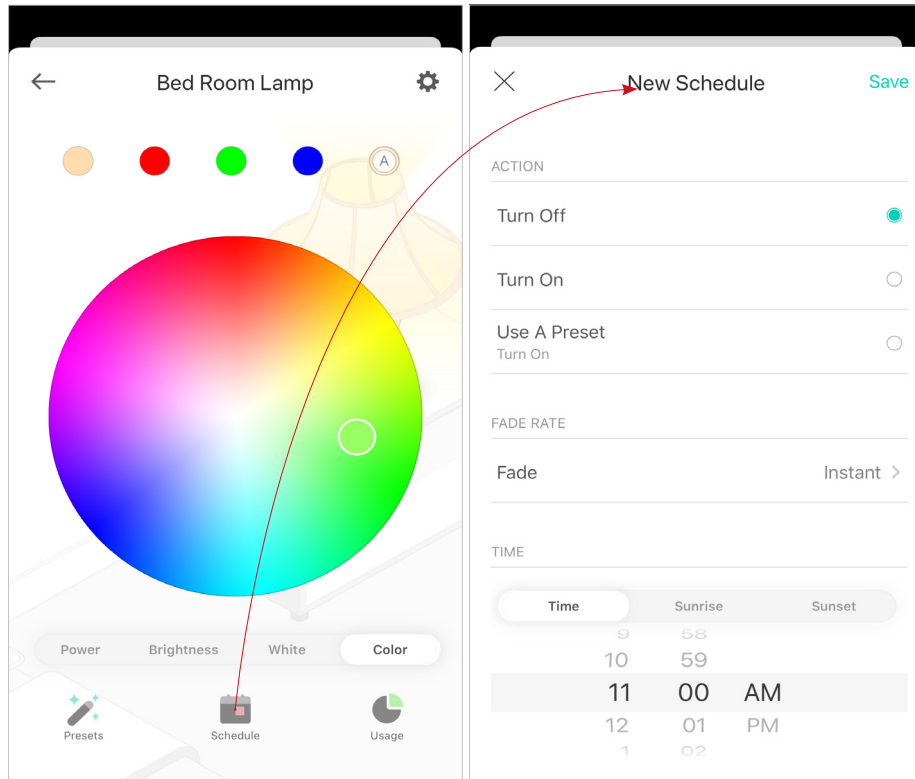
Edit Shortcuts

To edit shortcuts, just select one and tap edit. Choose the preferred color effects and then save the settings.



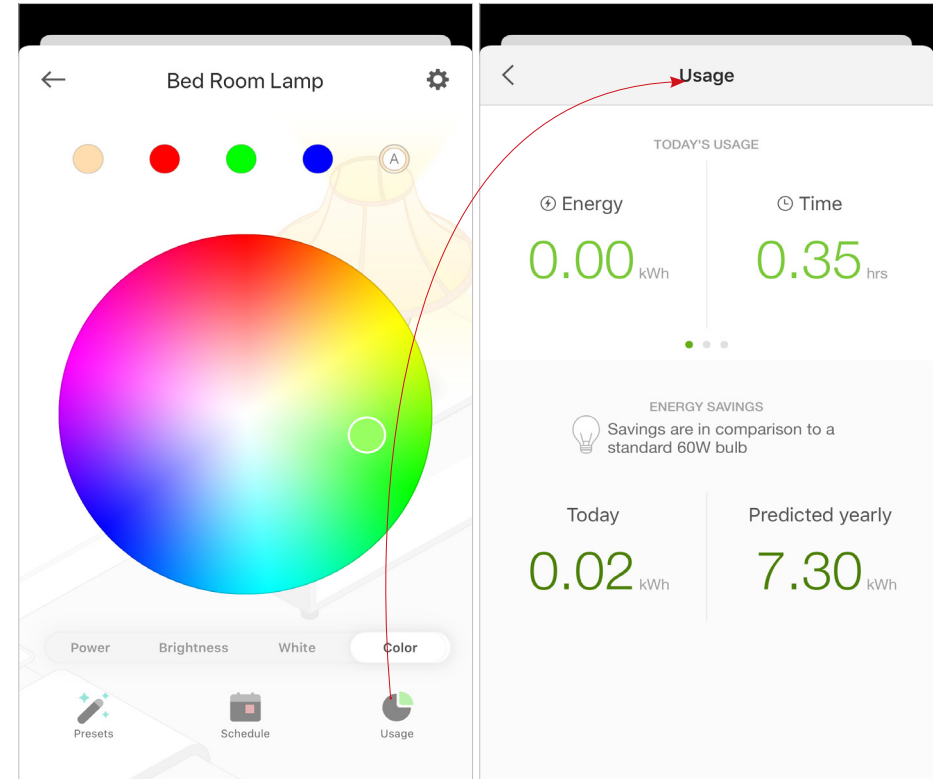
Add Schedules

Tap  to add schedules for your smart bulb to simplify your daily routine by creating automatic On/Off actions.



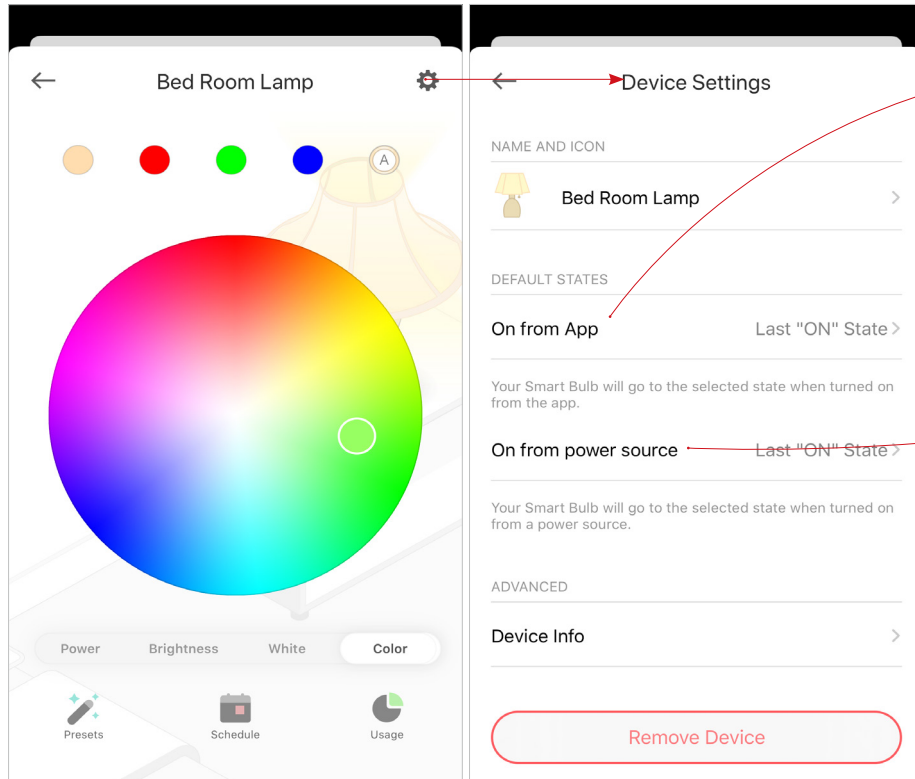
Track Energy Usage

Tap  to view and track energy consumption of your smart bulb.



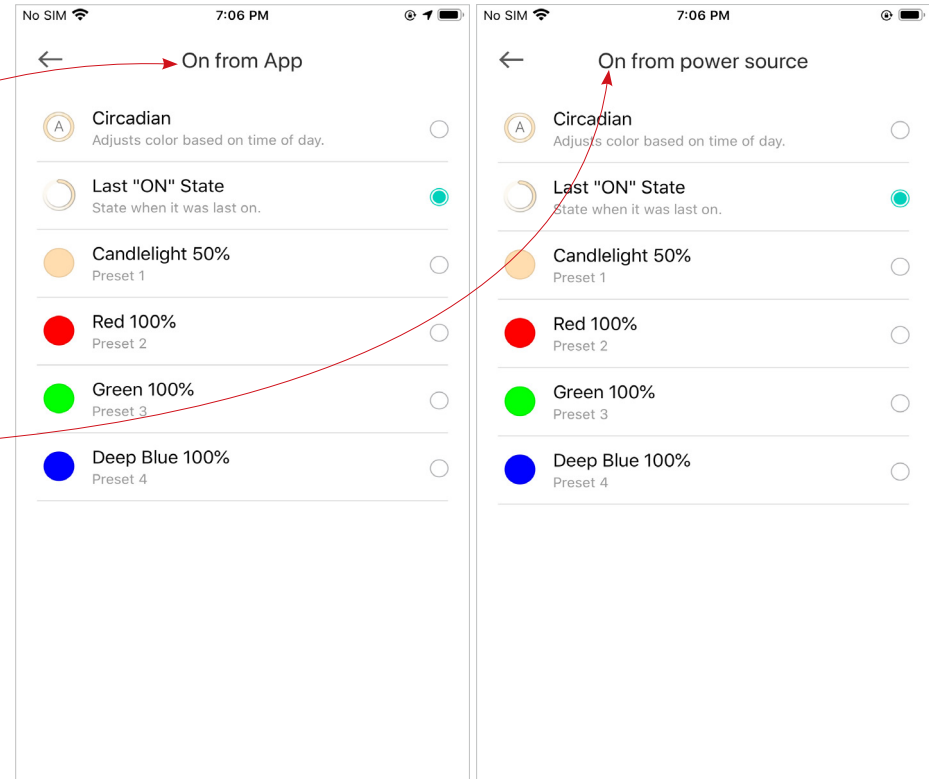
Device Settings

Tap  to configure device settings and check device information.



Device States

Set the default state when your smart bulb is turned on from the app and the power source.



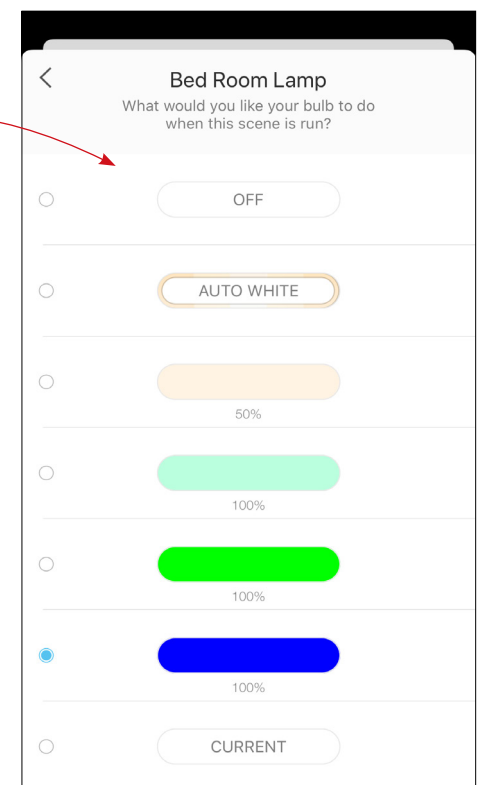
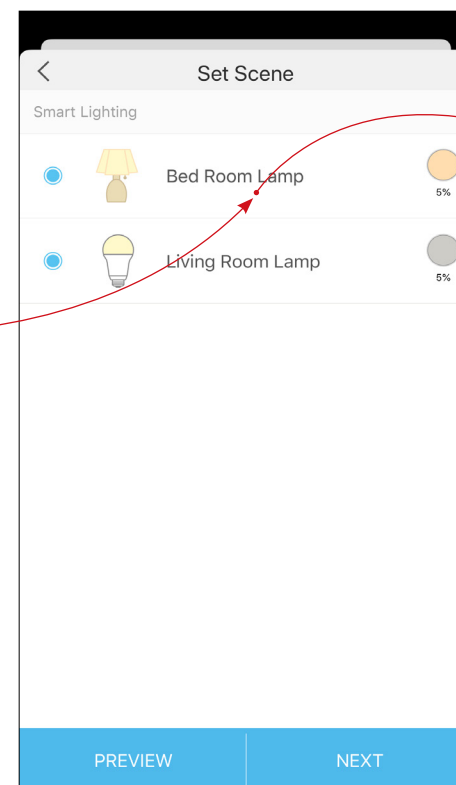
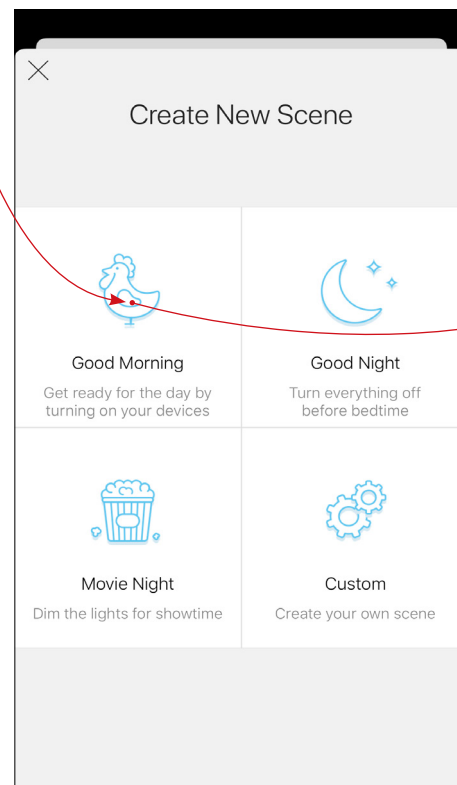
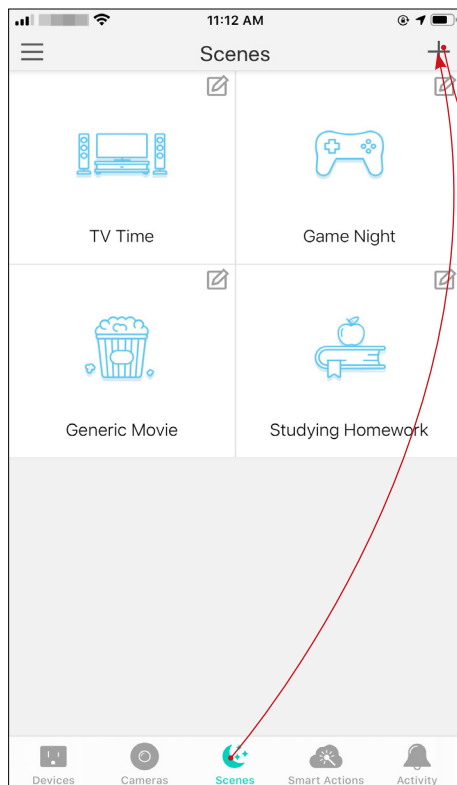
Create Scenes

A scene is a preset group of smart devices that can be customized and activated simultaneously at the touch of a button from your smartphone or tablet, allowing you to easily set your mood, activity or fit any special occasion. This page allows you to preset how your smart home devices should act automatically at special occasions.

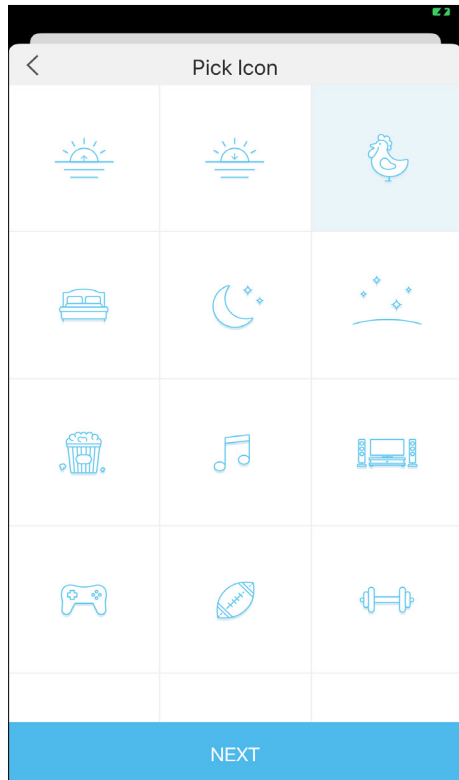
1. On the **Scenes** page, tap + .

2. Choose a default one or customize a new scene.

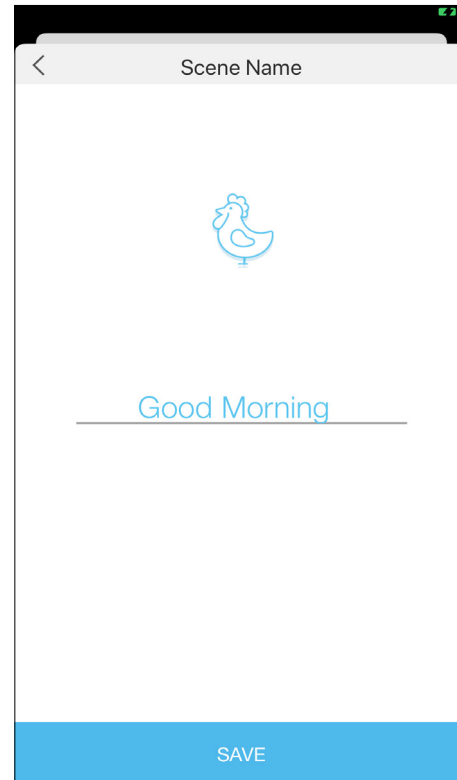
3. Tap the light bulb and set what to do when the scene is run.



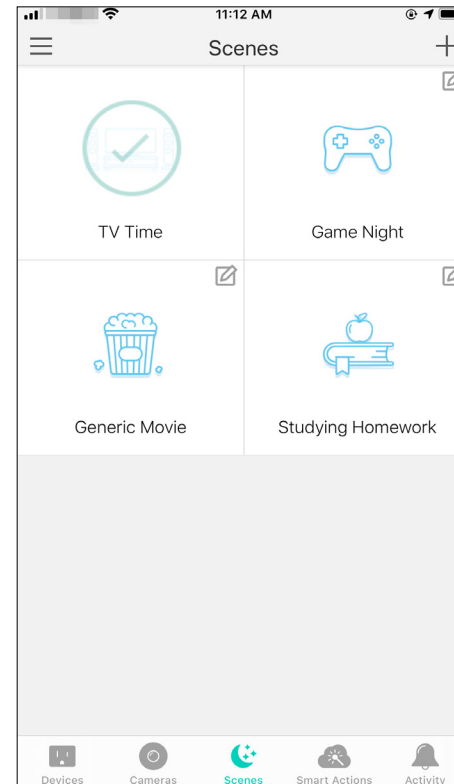
4. Pick an icon for your bulb.



5. Set a name for the scene.



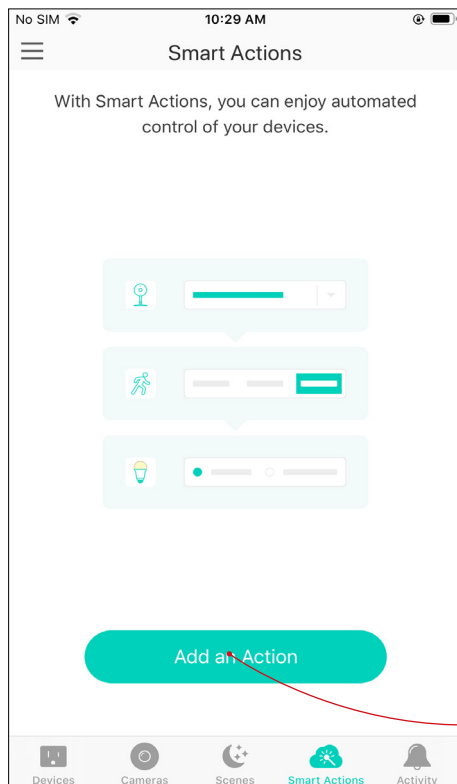
6. After created the new scene, tap the scene to apply it.



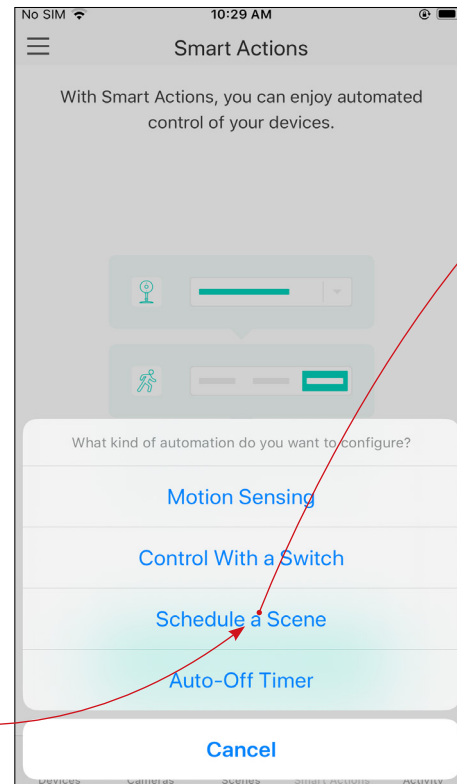
Schedule A Scene

After you created a scene, you can schedule it to be applied automatically at the time specified. For example, if you want to automatically apply your scene "TV Time" at 7:33 PM every weekday, follow the steps below.

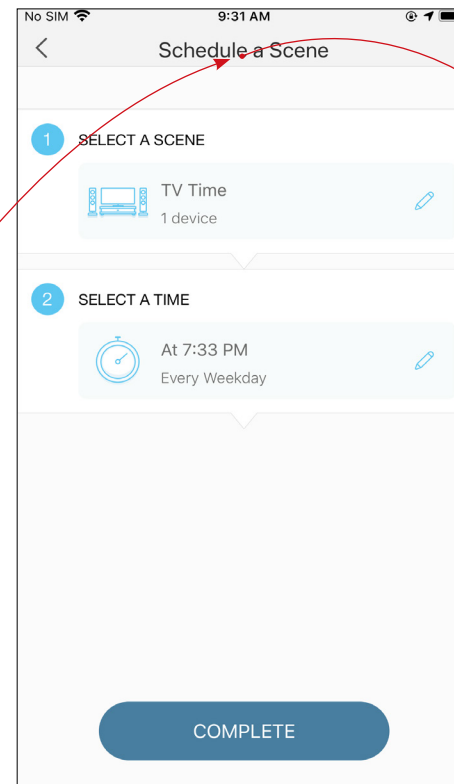
1. Go to [Smart Actions](#) page and tap [Add an Action](#).



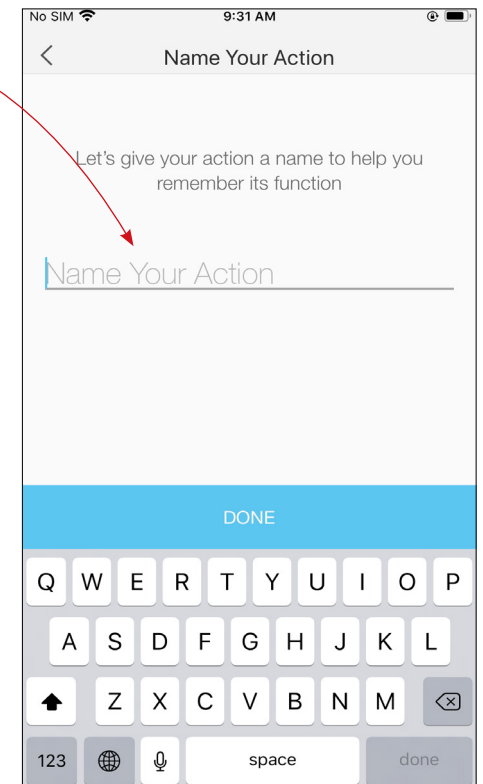
2. Select [Schedule a Scene](#).



3. Select a scene and set a time schedule for the scene.



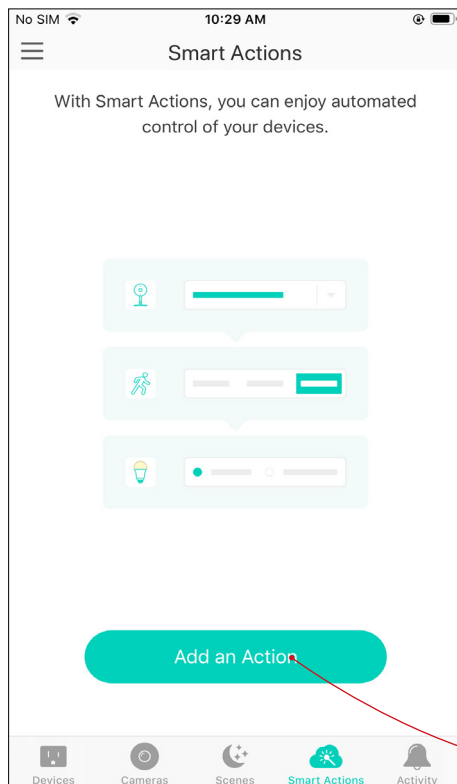
4. Give this schedule a name to help you remember.



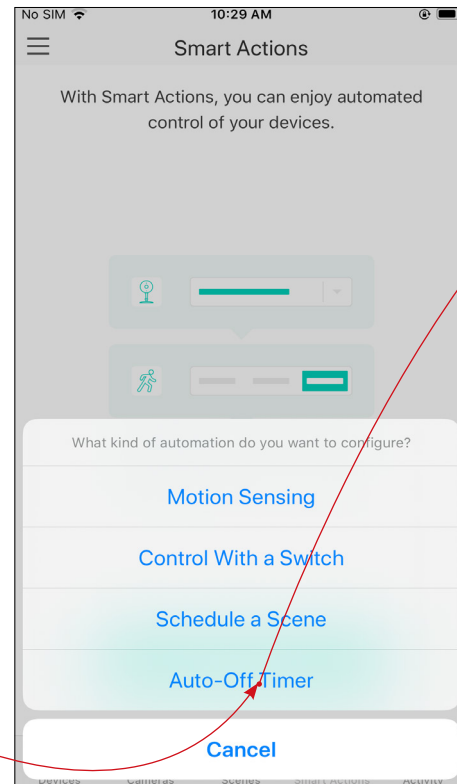
Auto-Off Timer

Whenever your smart bulb is turned on, you can turn it off after the designated amount of time by setting an auto-off timer for the device. For example, if you want your bedroom lamp to turn off automatically after being turned on for 21 minutes, follow the steps below:

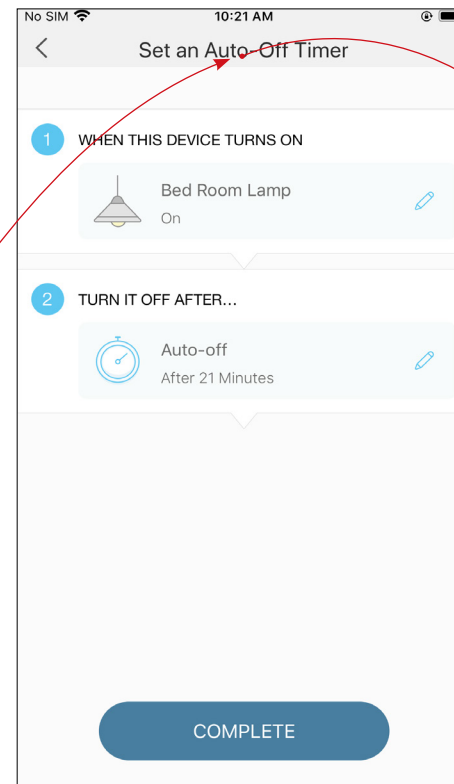
1. Go to [Smart Actions](#) page and tap [Add an Action](#).



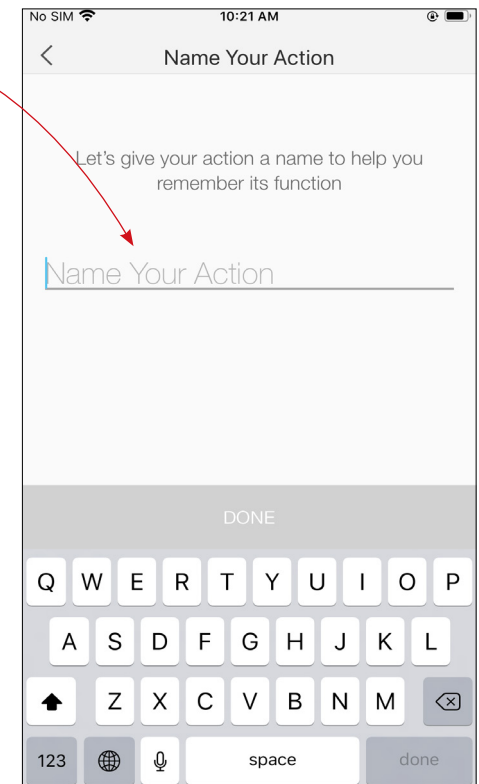
2. Select [Auto-Off Timer](#).



3. Select a device and set the auto-off timer for the device.



4. Give this timer a name to help you remember.



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

1. Turn the light switch controlling the bulb to the OFF position.
2. Flip the light switch on and off **5** times (the time duration is around 1 second), and stop when the light is on for the fifth time. 3 times blinking after that indicates a successful soft reset.

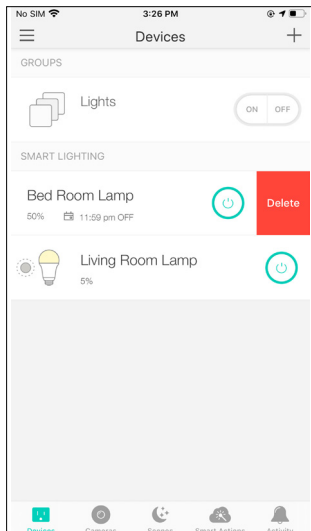
Factory Reset

Method 1:

1. Turn the light switch controlling the bulb to the OFF position.
2. Flip the light switch on and off **10** times (the time duration is around 1 second), and stop when the light is on for the tenth time. 3 times blinking after that indicates a successful factory reset.

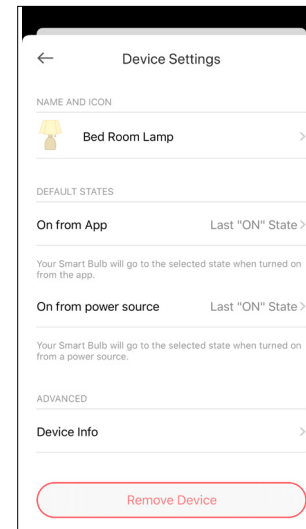
Method 2

On the Devices page in Kasa app, swipe left the bulb and tap **Delete**.



OR

In the Kasa app, tap the smart bulb and tap **⚙️ > Remove Device**.

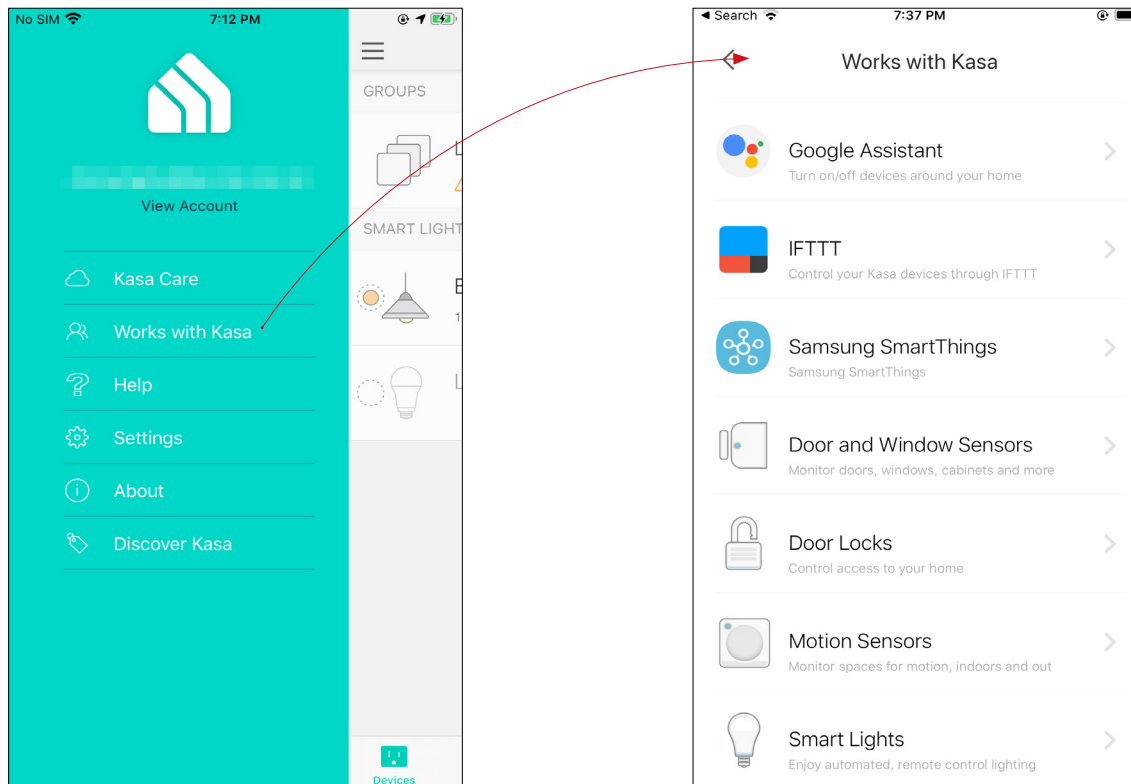


Works with Kasa

Use the Kasa app to pair your smart bulb with Amazon Alexa, Google Home Assistant, SmartThings, and other third-party services to enjoy a full hands-free experience. Kasa helps manage the rest of your smart home too, working with Nest to trigger changes when you arrive home or leave for the day.

1. Launch the Kasa Smart app and swipe right, then tap [Works with Kasa](#).

2. Select one and follow app instructions to complete the settings.



Authentication

FCC Compliance Information Statement



Product Name: Kasa Smart Light Bulb, Dimmable / Kasa Smart Light Bulb, Multicolor / Kasa Smart Wi-Fi Light Bulb, Multicolor / Kasa Smart Wi-Fi Light Bulb, Multicolor

Model Number: KL110 / KL130 / KL125 / KL135

Responsible party:

TP-Link USA Corporation, d/b/a TP-Link North America, Inc.

Address: 145 South State College Blvd. Suite 400, Brea, CA 92821

Website: <http://www.tp-link.com/us/>

Tel: +1 626 333 0234

Fax: +1 909 527 6803

E-mail: sales.usa@tp-link.com

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:

- 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.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas 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 operating in conjunction with any other antenna or transmitter."

We, **TP-Link USA Corporation**, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2021-04-15

CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

OPERATING FREQUENCY (the maximum transmitted power)

2412 MHz -2472 MHz (20dBm)

No restrictions exist in the use of radio frequencies or frequency bands in all EU member states and EFTA countries.

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.tp-link.com/en/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.

Canadian Compliance 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.

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 & 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 20 cm de distance entre la source de rayonnement et votre corps.

Industry Canada Statement

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

CAN ICES-005(B)/NMB-005(B)

Korea Warning Statements

당해 무선설비는 운용중 전파혼신 가능성이 있음.

NCC Notice

注意！

依據 低功率電波輻射性電機管理辦法

LP0002低功率射頻器材技術規範_章節3.8.2

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

BSMI Notice

安全諮詢及注意事項

- 請按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先切斷電源。請勿使用液體、噴霧清潔劑或濕布進行清潔。

- 注意防潮，請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

限用物質含有情況標示聲明書

設備名稱： Equipment name: Kasa Smart Light Bulb, Dimmable Kasa Smart Light Bulb, Multicolor Kasa Smart Wi-Fi Light Bulb, Multicolor		型號（型式）： Type designation (Type): KL110 / KL110B KL130 / KL130B KL125 / KL135				
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁺⁶)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供應板	—	○	○	○	○	○
其他及其配件	—	○	○	○	○	○

備考 1. 超出 0.1 wt %” 及 “超出 0.01 wt %” 系指限用物質之百分比含量超出百分比含量基準值。
 Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備考 2. “○” 系指該項限用物質之百分比含量未超出百分比含量基準值。
 Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考 3. “—” 系指該項限用物質為排除項目。
 Note 3: The “—” indicates that the restricted substance corresponds to the exemption.



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Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- 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.

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.

WARNING:

- Operating Temperature: -15°C~40°C(5°F~104°F)
- Storage Temperature: -20°C~70°C(-4°F-158°F)
- Operating Humidity: 10%~90%RH, Non-condensing
- Storage Humidity: 10%~90%RH, Non-condensing
- NOT FOR EMERGENCY LIGHTING.
- Do not install the Smart Bulb with wet hands or when standing on wet or damp surfaces.
- NOT for use in totally enclosed or recessed luminaires. Suitable for damp locations.
- The increased weight may reduce the mechanical stability of certain luminaires and lampholders and may impair contact making and lamp retention.
- 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.

- 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.
- 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.

Explanation of the symbols on the product label

Symbol	Explanation
	Indoor use only
	RECYCLING 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. 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.