



# User Guide

## Kasa Smart Light Bulb

KL110B / KL130B

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# About This Guide

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

Please note that features of Smart Bulb may vary slightly depending on the model and software version you have. All images, parameters and descriptions documented in this guide are used for demonstration only.

## 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



- Specifications can be found on the product page at <https://www.tp-link.com>.
- Our Technical Support and troubleshooting information can be found at <https://www.tp-link.com/support>.

# 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.

You can also control multiple smart home devices with the Kasa 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 Light screws in just like an ordinary bulb. Simply download the Kasa Smart app, connect to Wi-Fi and enjoy. No special hardware is needed.
- **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** - Pair the smart bulb with Amazon Echo, Dot and Tap or Google Assistant for voice control.
- **Remote Control** - Set up the smart bulb easily and control from anywhere with the free Kasa app.

| KL110B (Dimmable )  | KL130B (Multicolor)   |
|---|---|
|  A white, standard-shaped LED light bulb with a silver base, emitting a warm yellow glow. |  A white, standard-shaped LED light bulb with a silver base, emitting a vibrant pink glow. |
| A dimming range from 1%-100%, lighting for any occasion   | A wide range of colors and adjustable brightness  |

# Set Up Your Smart Bulb

Follow the steps below to set up your smart bulb via the [Kasa Smart](#) app.

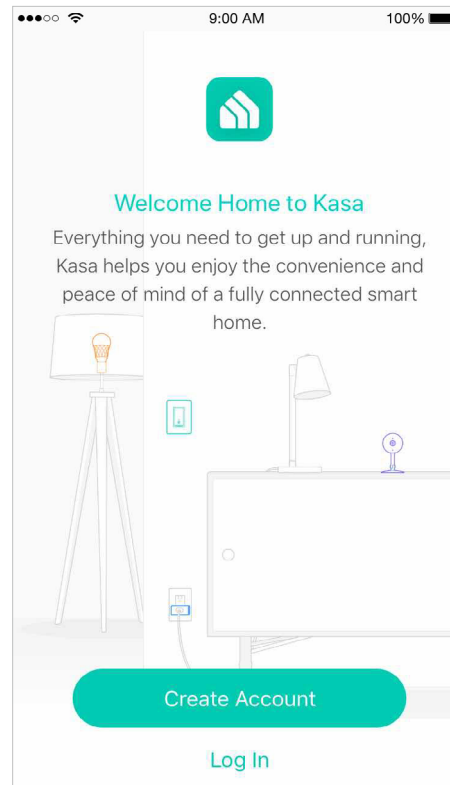
## Step 1. Download Kasa

Get the [Kasa Smart](#) app from the App Store or Google Play.



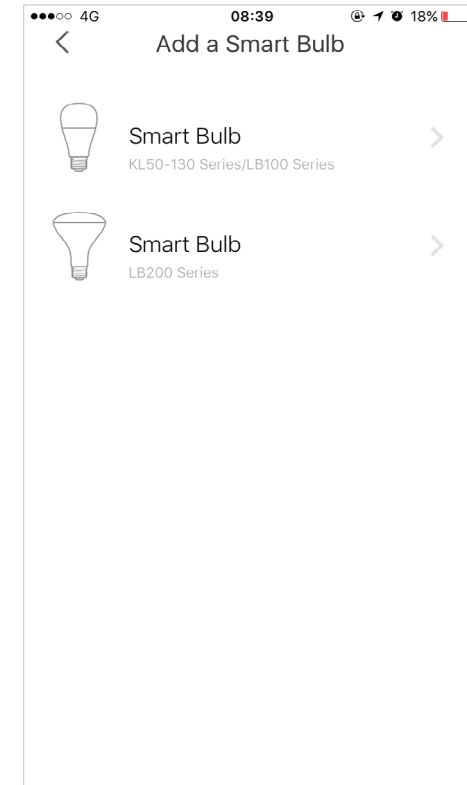
## Step 2. Log In

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



## Step 3. Add Device

Tap the  $\oplus$  button in the Kasa app and select [Smart Bulb \(KL50-130 Series\)](#). Follow app instructions to complete the setup.

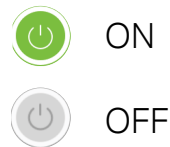
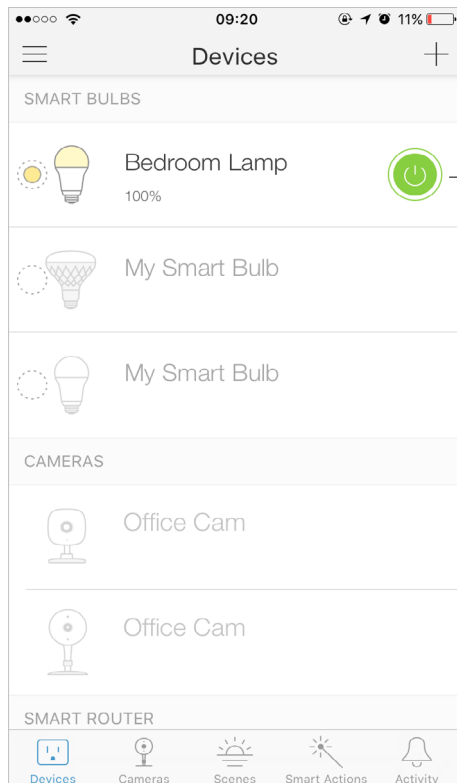


# Main Device Controls

After you successfully set up your Smart Bulb, you will see the home page of the Kasa app and the Smart Bulb page after tapping a Smart Bulb. App screenshots are mainly based on KL110B.

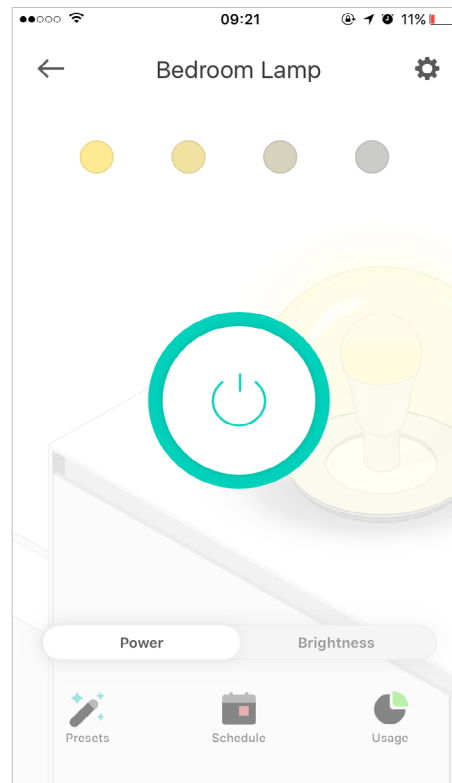
## Home Page

This page lists your smart bulbs, and other smart home devices if any. You can instantly turn on/off the bulb or change colors.



## Smart Bulb Page


On the [Devices](#) page, tap a [Smart Bulb](#), then you can have more detailed configuration options about your bulb.

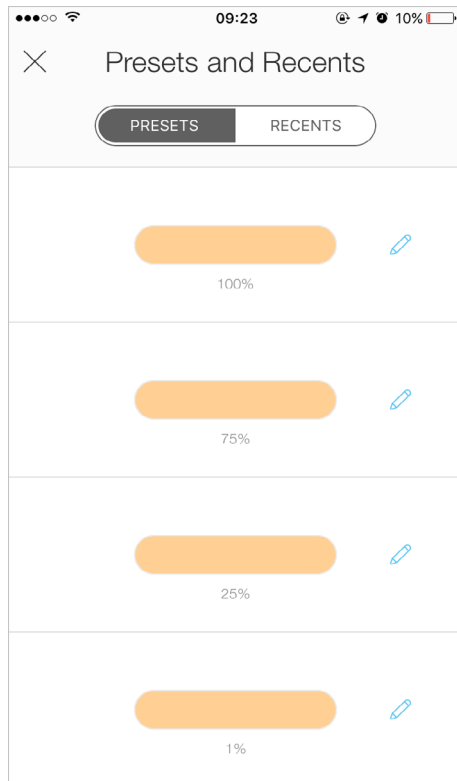


# Configure Your Smart Bulb


On the [Smart Bulb](#) page, you can adjust the light temperature or color (only for KL130B), set schedules, track energy consumption and change settings.

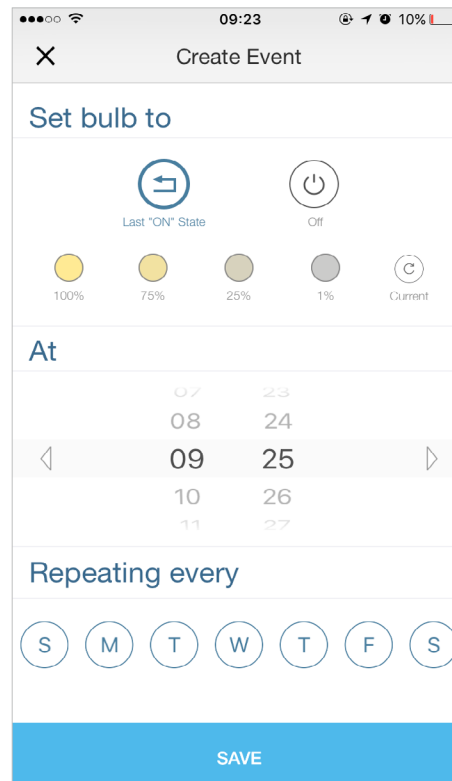
## Presets and Recents

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



## Create Event

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

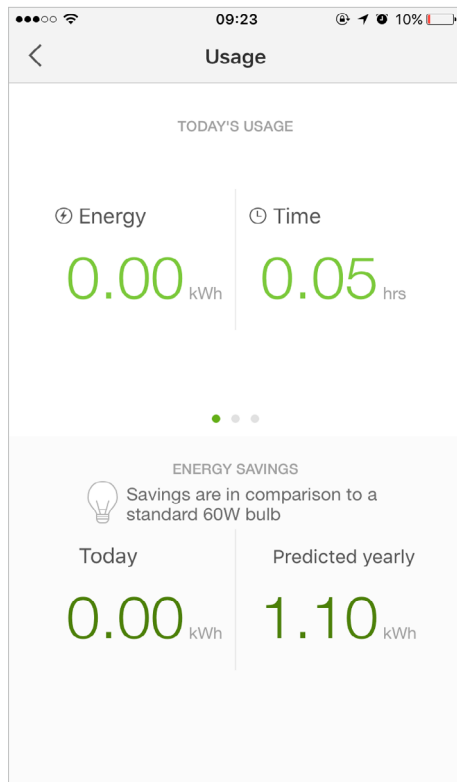


# Configure Your Smart Bulb


On the [Smart Bulb](#) page, you can adjust the light temperature or color (only for KL130B), set schedules, track energy consumption and change settings.

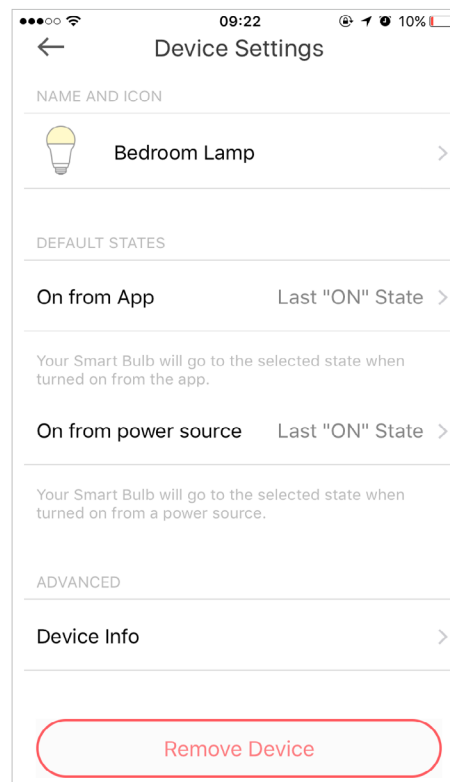
## Usage

Tap  to view and track energy consumption.



## Device Settings

Tap  to view and change the settings of your smart bulb. Moreover, you can enable remote control for ease of use.



The Device Settings screen allows users to configure their smart bulb. It includes sections for 'NAME AND ICON', 'DEFAULT STATES', and 'ADVANCED'. The 'NAME AND ICON' section shows the bulb is named 'Bedroom Lamp'. The 'DEFAULT STATES' section has two options: 'On from App' and 'On from power source', both set to 'Last "ON" State'. The 'ADVANCED' section includes a 'Device Info' link and a 'Remove Device' button.

NAME AND ICON

Bedroom Lamp

DEFAULT STATES

On from App Last "ON" State

Your Smart Bulb will go to the selected state when turned on from the app.

On from power source Last "ON" State

Your Smart Bulb will go to the selected state when turned on from a power source.

ADVANCED

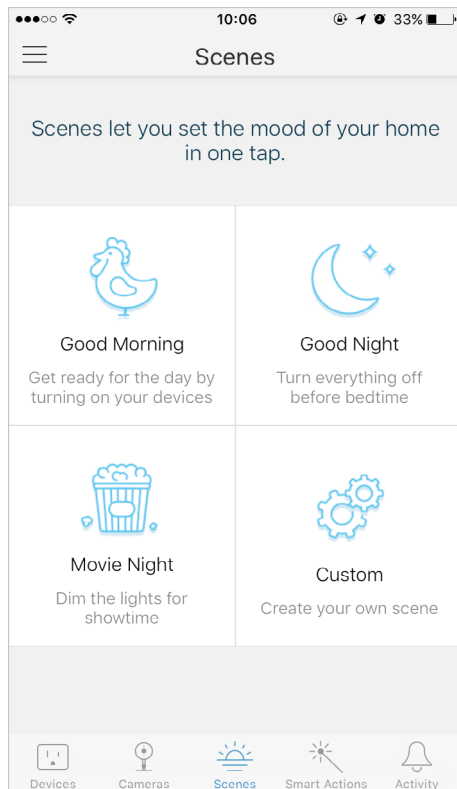
Device Info

Remove Device




# Create Scenes

A scene is a preset group of smart devices that can be programmed, 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.




# Discover Kasa

Use the Kasa app to pair your Smart Bulb with Amazon Alexa or Google Home Assistant and 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.

Launch the **Kasa** app, tap the  button and go to **Add a Device > WORKS WITH KASA > Amazon Alexa / Google Assistant / Nest Home and Away** for detailed instructions.

# Authentication

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## 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 and 2011/65/EU.

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.

## Korea Warning Statements

당해 무선설비는 운용중 전파혼신 가능성이 있음.



Продукт сертифіковано згідно с 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.



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:

- 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.
- 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

### Explanation of the symbols on the product label

| Symbol  | Explanation     |
|---|-----------------|
|  | Indoor use only |

| Symbol   | Explanation  |
|--|--|
| <br> | <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> |