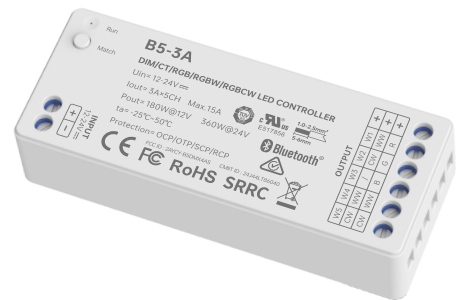


- Small in size and light in weight, the shell is made of Covestro/Samsung PC flame-retardant V0 grade material.
- Equipped with a soft-start and gradual-brightening function, it offers more comfortable visual experience for human eyes.
- Adopting Bluetooth 5.2 SIG Mesh communication protocol, it features strong networking capability, reliability and stability.
- 5-channel constant voltage output.
- Capable of controlling dimming, color temperature, RGB, RGBW, and RGBCW lamps.
- Can be used with Bluetooth Series B remote controls.
- Built-in 16 dynamic modes.
- One controller can receive signals from 30 remote controls.
- Input and output are separated at both ends to avoid wrong connection.
- The controller automatically transmits the remote control signal to another remote control, extending the remote control distance.
- One remote control can synchronously control multiple controllers.
- Wireless remote control can be realized through the L-Home APP, and with the smart gateway, rich automatic control and cloud scenarios can be achieved.
- Supports OTA upgrade, local scenarios, circadian lighting, and dynamic mode group synchronization.

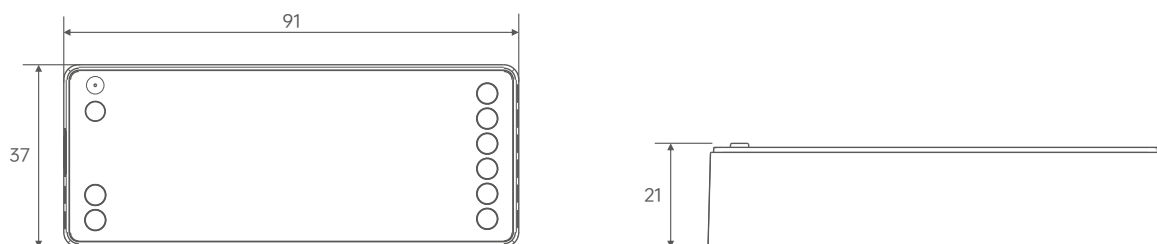


Technical Parameters

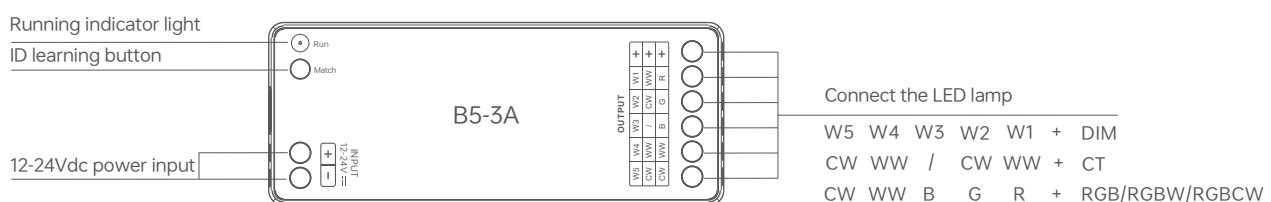
Model	B5-3A
Input signal	Bluetooth 5.2 SIG Mesh
Input voltage	12-24V ===
Output voltage	12-24V ===
Load current	3A×5CH Max. 15A
Load power	180W@12V 360W@24V
Protection	Short circuit, over-temperature, over-current protection, anti-reverse connection protection
Operating temperature	-25°C ~ 50°C
Product size	L91×W37×H21(mm)
Packaging size	L94×W39×H22(mm)
Gross weight	46g

Product Size

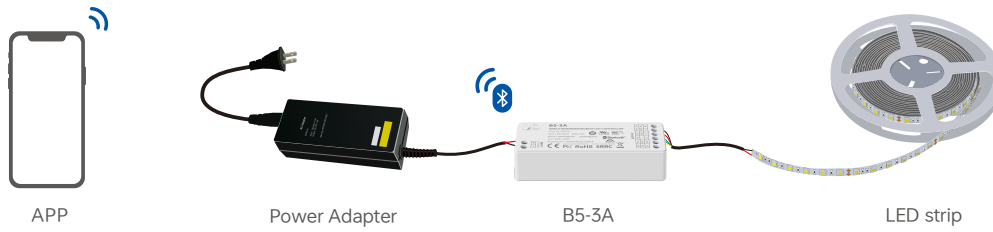
Unit: mm



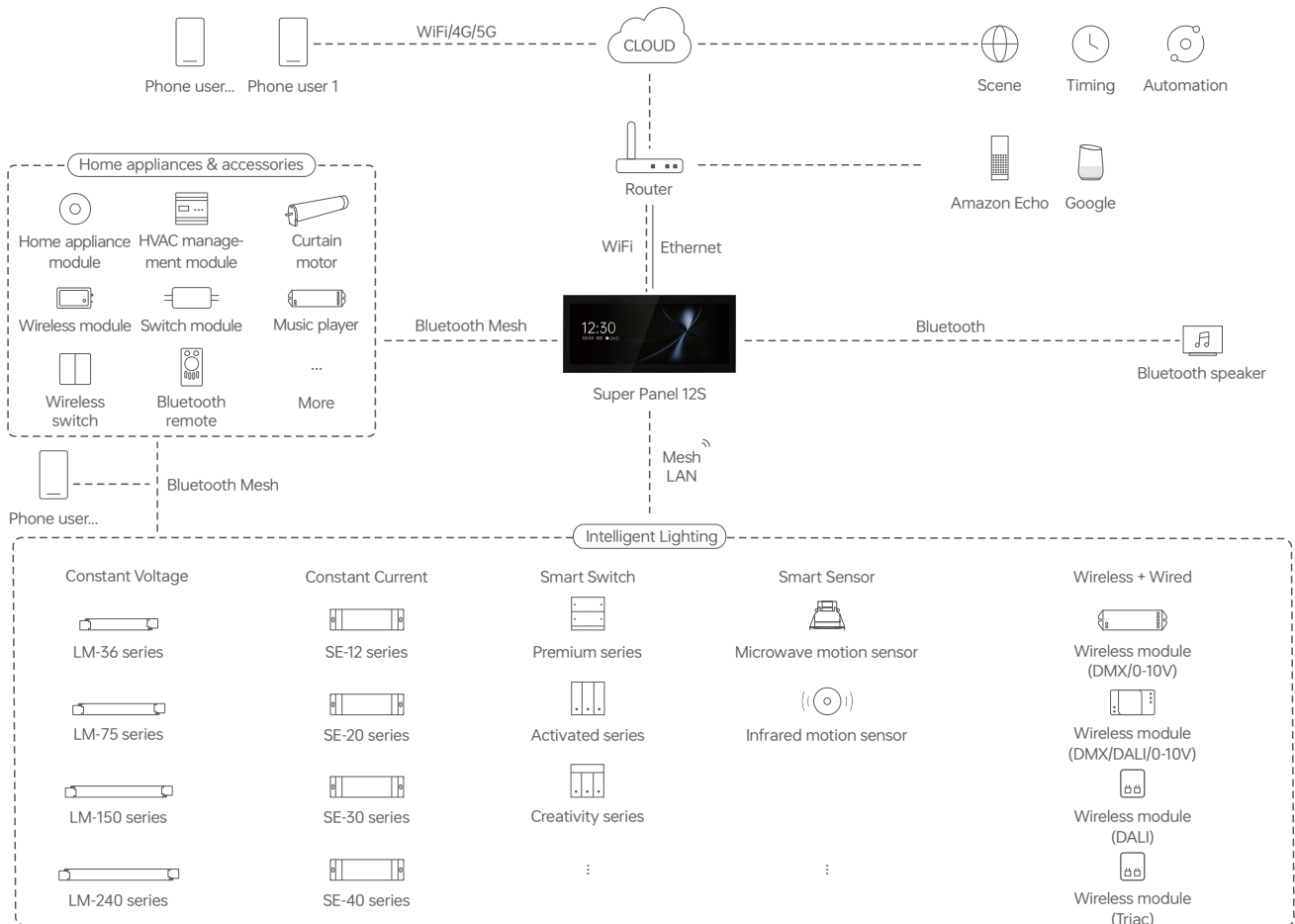
Terminal Description



Wiring Application Diagram

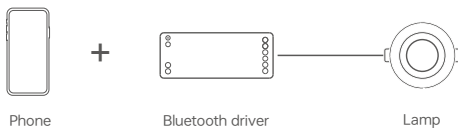


Recommend Applications

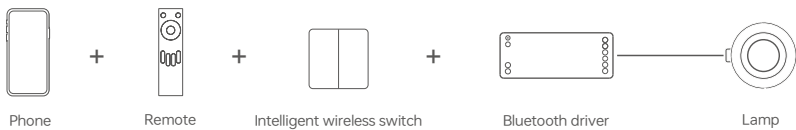


Recommend Applications

1. Achieve fast dimming control.



2. Both App and remote can control the driver after connecting the remote to the driver with App.



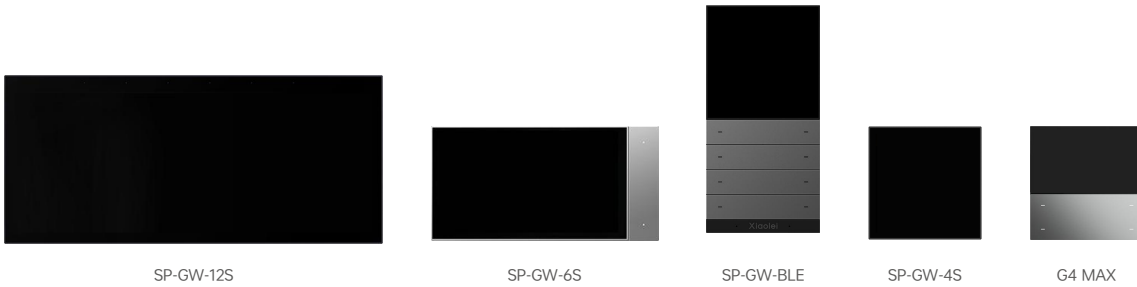
3. Both App and Super Panel 6S can control the driver simultaneously after connecting the Super Panel 6S to the driver with App. By connecting the Super Panel to network, you are allowed to control the driver, cloud scenes and automation remotely with App.



4. More applications of intelligent control are waiting for you to set up.

List of Compatible Devices

Smart Gateway: Serves as the control center of a smart home, enabling interconnection between Bluetooth devices and the cloud, as well as managing and controlling scenes and automation. It realizes remote control of smart devices such as Bluetooth-driven power supplies and switch panels.

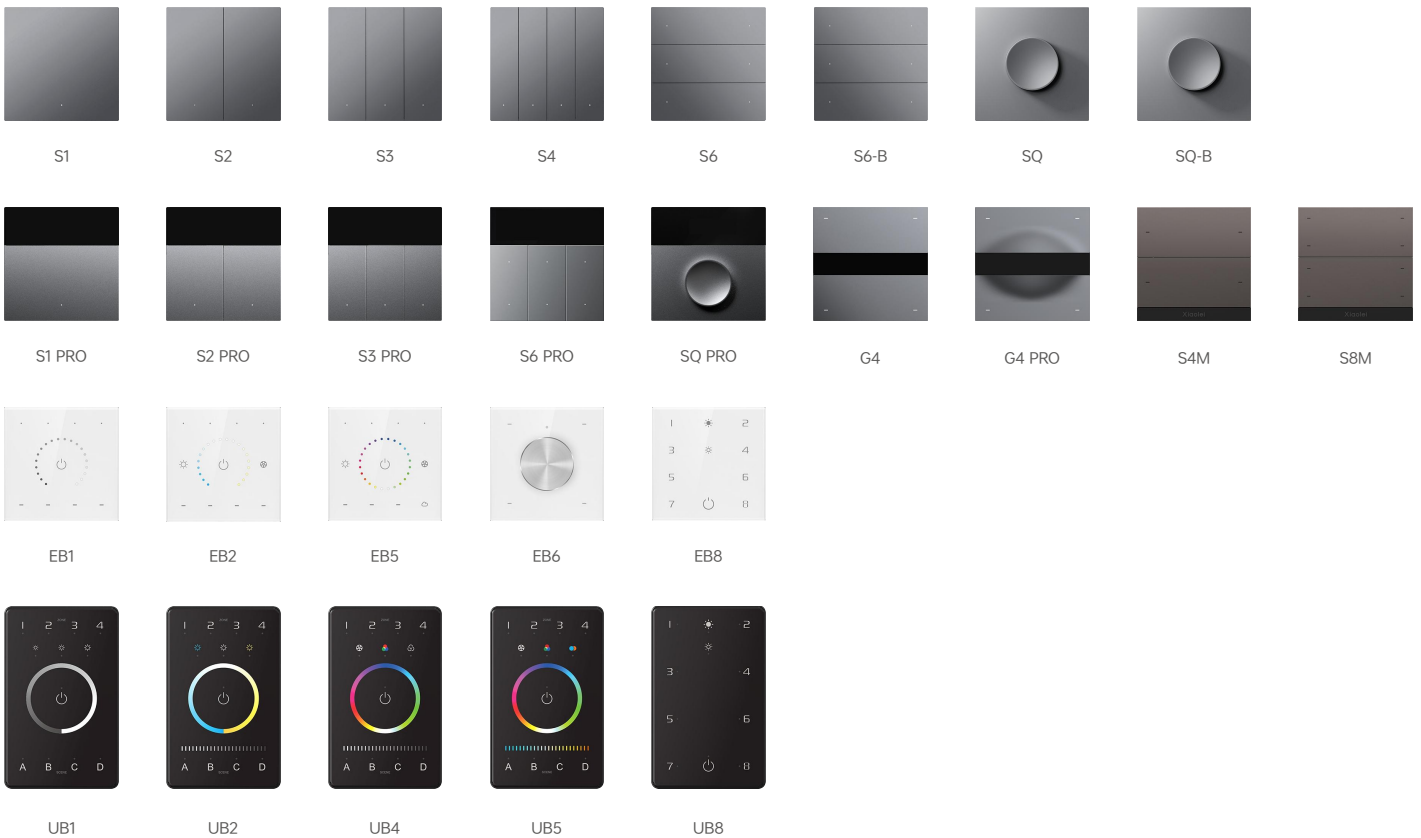


CG-KIT: Enables the access of Bluetooth-driven power supplies to Apple Home via HomeKit, and also to all IoT platforms supporting the standard Matter protocol through Matter Bridge, including Apple Home, Google Home, Amazon Alexa, Samsung SmartThings, etc.



CG-KIT

Smart Switch: Can control the on/off, dimming and color tuning of Bluetooth-driven power supplies. When used with a smart gateway, it can realize functions such as App remote control, scene linkage/automation.



Remote Control: Can control the on/off, dimming and color tuning of Bluetooth-driven power supplies. When used with a smart gateway, it can realize functions such as scene linkage.



Use with Bluetooth L-Home APP

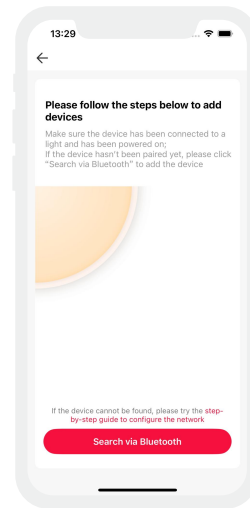
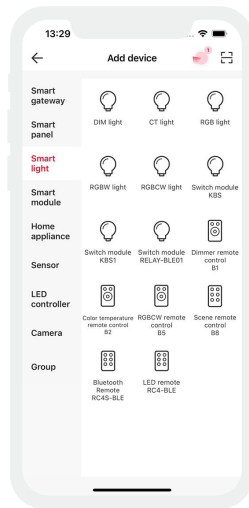
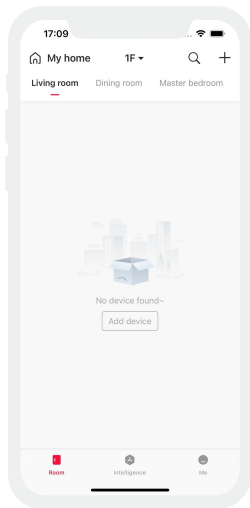
1. Register an account

The App is available on iOS or Android devices. Scan the QR code below with you mobile phone and follow the prompts to complete the App installation. Open the App to log in or register an account.



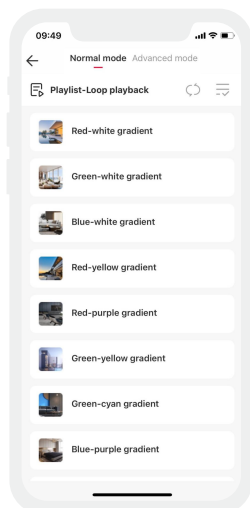
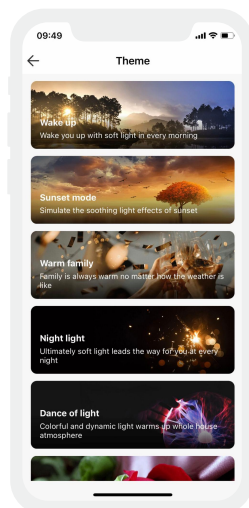
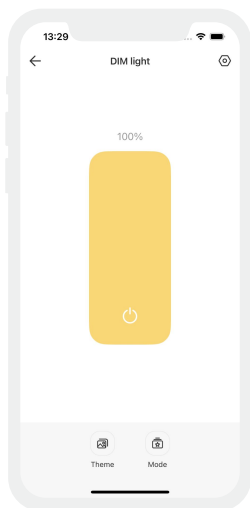
2. Paring instructions

Open the APP and create a home if you are a new user. Click “+” icon in the upper right corner and access the “Add Device” list, then follow the prompts to add the device. Pick “Smart lighting-DIM light” from the list and follow the prompts to power on the device firstly. Make sure the device is not connected to the network. Then click “Bluetooth Search” and follow the prompts to add the device.



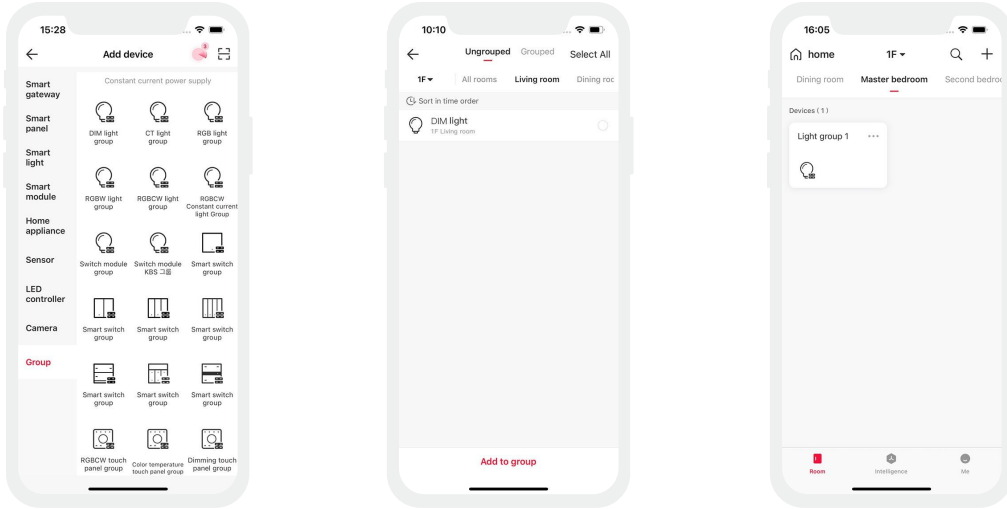
3. Control interface settings

After pairing up your device, go to the control interface. You'll be able to achieve your desired lighting effects by changing brightness and color temperature. Click “Theme” and you'll easily switch to multiple theme lighting effects with one tap. Click “Mode” and the App provides you editable advanced modes. Customize dynamic modes to put you into a more colorful life.



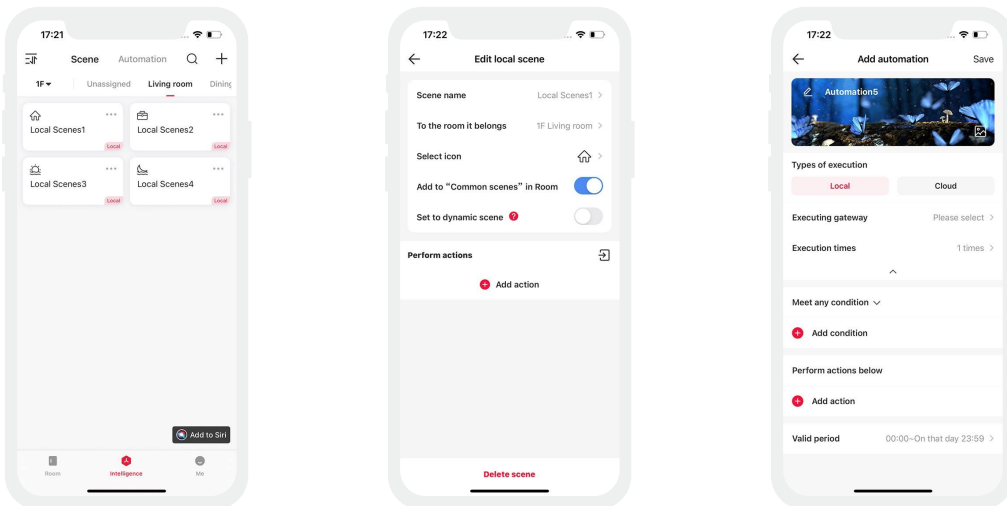
4. Light groups

Users are able to combine the same type of light fixtures into a group to control them simultaneously. Once you create the group, you can set the dim level more easily. Pick “Group-DIM light group” from the list. Follow the prompts to rename the group and click “Next” to pick the lights you are going to group together and click “Save”.



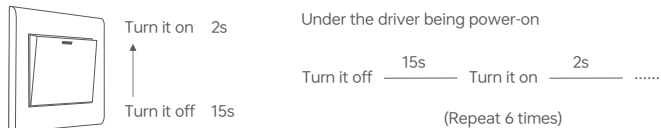
5. Advanced functions

This driver can be linked up with gateway function devices (such as Super Panel 12S) to achieve the advanced functions from local scenes and cloud scenes to automation.

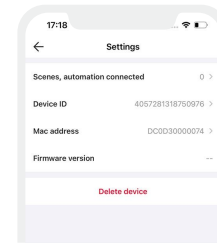


Reset the Device (Reset to Factory defaults)

Method 1: Ensure the driver is connected to the light fixture and is in a constantly lit state. Use a switch to continuously power on and off the driver 6 times (each power-off time is 15 seconds, and power-on time is 2 seconds). After the sixth power-on time of 2 seconds, the light fixture will flash 3 times, indicating that the driver has been restored to the factory settings.



Method 2: Ensure the device is powered on and online, open the L-Home APP, locate the device and access its settings interface, then tap the Delete Device button. When the interface prompts "Deletion Successful", it indicates the device has been restored to factory settings.



FAQs

1. What should I do if device addition fails?

- 1.1 Ensure the device is powered on normally and in an activated state;
- 1.2 Ensure the device to be added has not been added to any other account. If it has, manually restore it to factory settings;
- 1.3 Ensure the mobile phone and the device are as close as possible, with a recommended distance of no more than 20 meters;
- 1.4 If the device has been forcibly deleted, manually restore it to factory settings first, then add the device again.

2. What should I do if the device goes offline?

- 2.1 Please check if the device is powered on normally;
- 2.2 Please check if the router is working properly and the network is smooth;
- 2.3 If using remote control, please check if the mobile phone network is working properly and the network is smooth.

3. How to perform remote control / set up cloud scenes?

To use remote control / add and set up cloud scenes, it is necessary to use the company's super panel together.

4. How to Share a Device?

Please go to "My" -> "Family Management", select the family for which you want to share devices, then click "Add Member". Follow the prompts to add the family member or friend with whom you want to share the device to this family, and the sharing process will be completed.

5. Inconsistent dimming for light films or groups in the same area?

There may be differences between hardware of different models. It is necessary to use the same model for group dimming to achieve better dimming consistency.

Attentions

- Products shall be installed by qualified professionals.
 - Products are and not lightning proof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices.
 - Good heat dissipation will prolong the working life of products. Please ensure good ventilation.
 - Please check if the working voltage used complies with the parameter requirements of products.
 - The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
 - Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.
 - If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.
- * This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

Warranty Agreement

- Warranty periods from the date of delivery: 5 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by our company.

1. Repair or replacement provided is the only remedy for customers. Our company is not liable for any incidental or consequential damage unless it is within the law.
2. Our company has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

- 体积小、重量轻，外壳采用科思创/三星PC阻燃V0级原料；
- 带软启动渐亮功能，让人眼视觉更舒适；
- Bluetooth 5.2 SIG Mesh通信协议，组网能力强，可靠稳定；
- 5通道恒压输出；
- 可控制调光、色温、RGB、RGBW、RGBCW灯具；
- 可搭配蓝牙B系列遥控器使用；
- 内置16种动态模式；
- 一台控制器可接收30个遥控器；
- 输入输出分开两端，避免接错；
- 控制器自动将遥控信号发送到另一个遥控器，延长遥控距离；
- 一个遥控器同步控制多个控制器；
- 通过L-Home APP还可实现无线远程控制，搭配智能网关实现丰富的自动化控制、云场景；
- 支持OTA升级、本地场景、节律照明、动态模式群组同步；

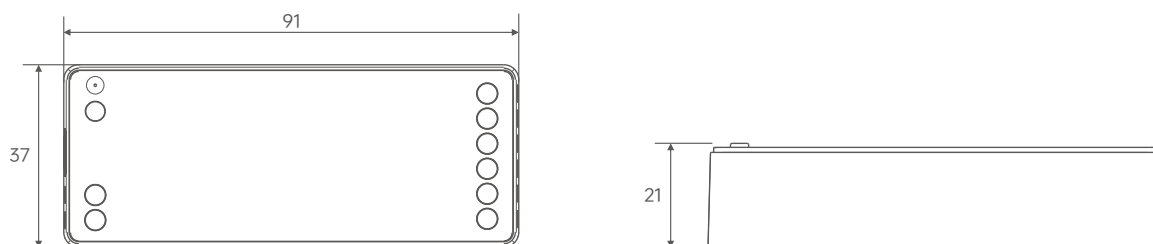


技术参数

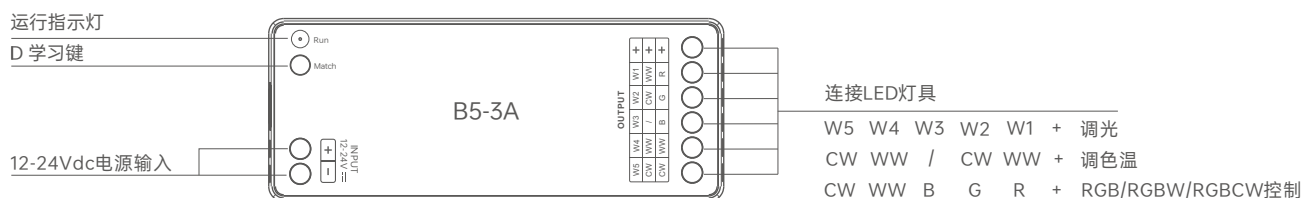
型号	B5-3A
输入信号	Bluetooth 5.2 SIG Mesh
输入电压	12-24V ===
输出电压	12-24V ===
负载电流	3A×5CH Max. 15A
负载功率	180W@12V 360W@24V
保护	短路、过温、过流保护、防反接保护
工作温度	-25°C ~ 50°C
产品尺寸	L91×W37×H21(mm)
包装尺寸	L94×W39×H22(mm)
重量(毛重)	46克

尺寸图

单位: mm



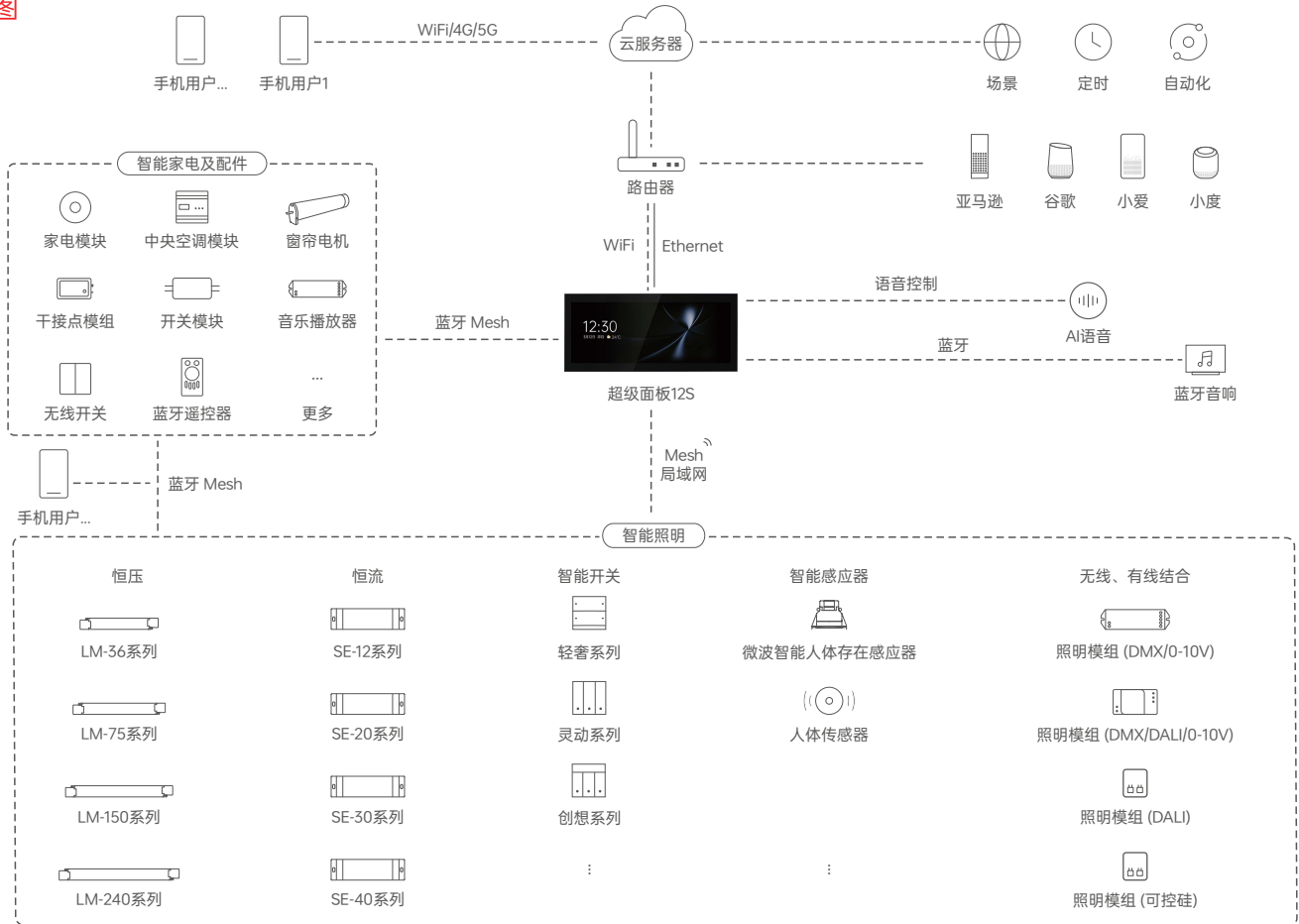
端子说明



接线应用图

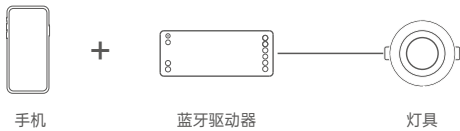


系统图



推荐应用控制方式

1、快速实现本地调光。



2、通过APP设置遥控关联驱动后，可实现APP与遥控两种控制方式控制驱动。



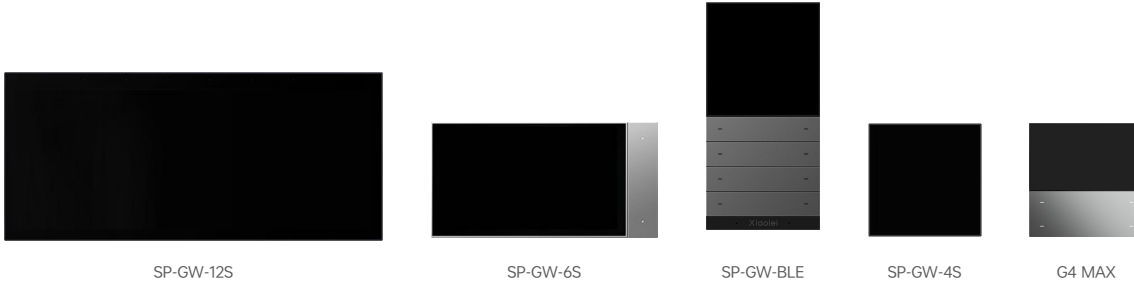
3、通过APP设置面板关联驱动，可实现APP与面板同时控制。并能够通过面板联网，可实现APP远程控制驱动，云场景，自动化联动功能。



4、.....智能控制，更多应用搭配等你来设置。

可搭配的设备清单

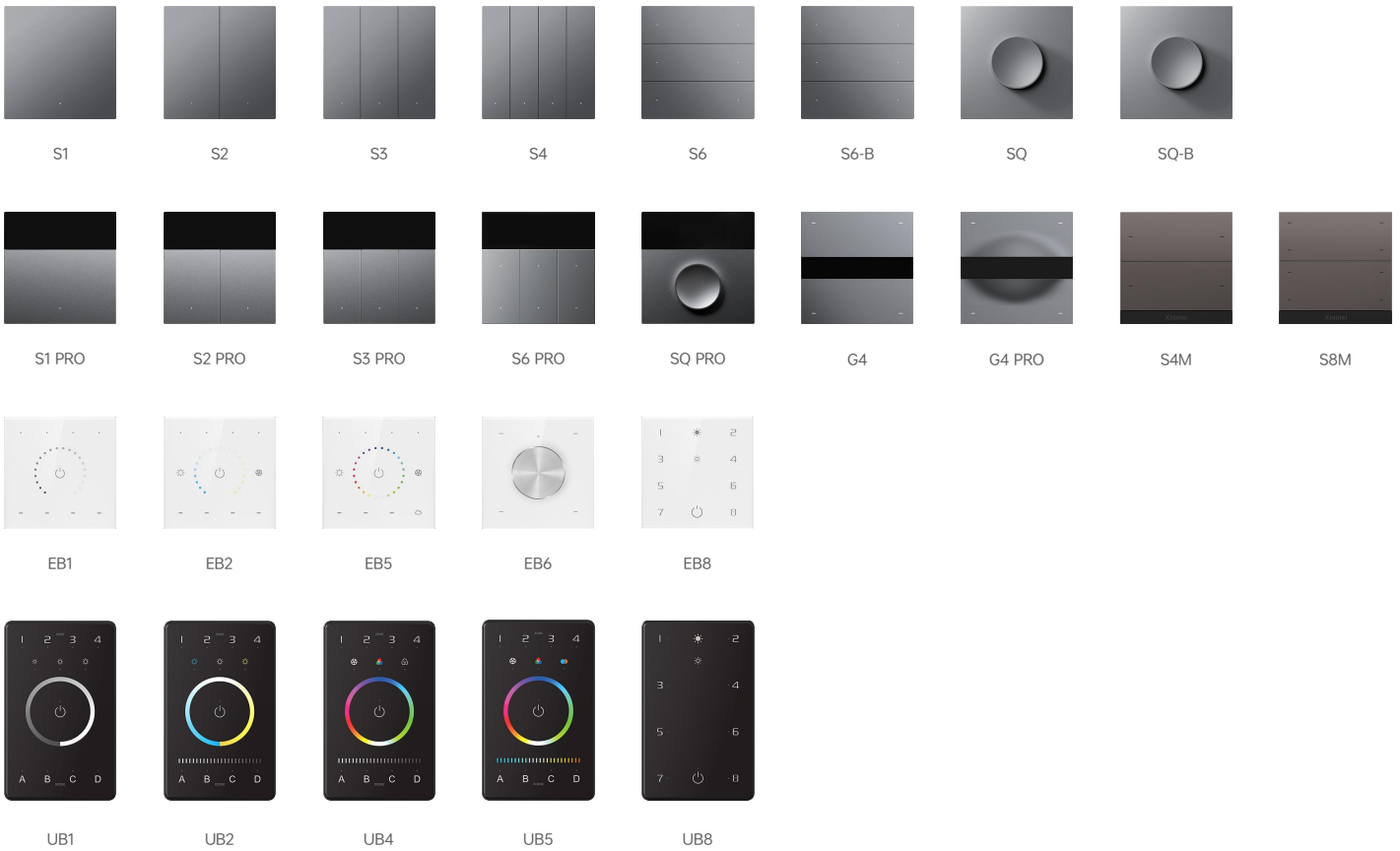
智能网关：是智能家居控制中心，用于蓝牙设备和云端之间的互联互通，以及管理和控制场景和自动化，实现远程控制蓝牙驱动电源，开关面板等智能设备。



CG-KIT：可以把蓝牙驱动电源通过HomeKit接入 Apple Home，也可以通过Matter Bridge的方式接入所有支持标准Matter协议的IOT平台，包括Apple Home, Google Home, Amazon Alexa, Samsung Smart Things等。



智能面板：可控制蓝牙驱动电源开/关，调光调色；支持本地场景等功能。



遥控器：可控制蓝牙驱动电源开/关，调光调色；支持本地场景等功能。



APP操作说明

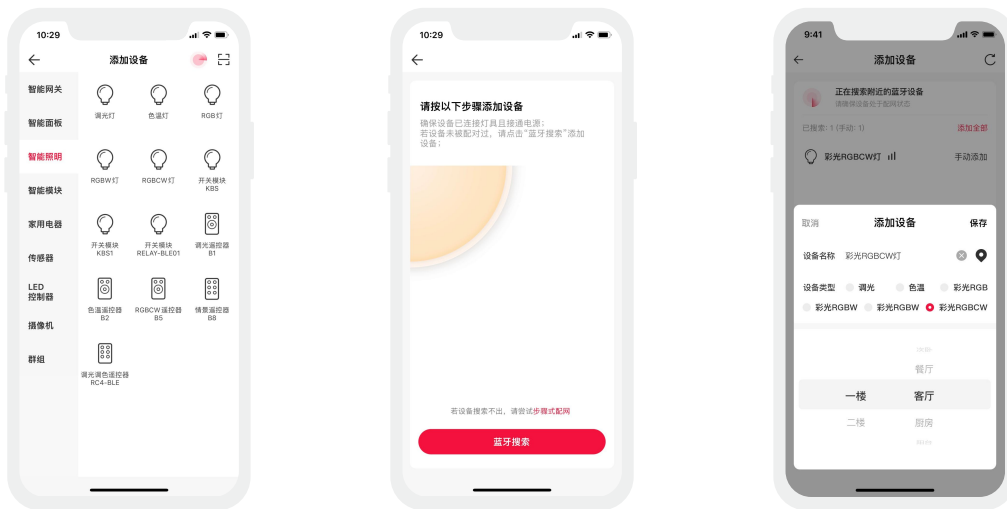
1. 账号注册

APP兼容iOS和Android系统，通过手机扫描下方二维码，按提示完成APP安装,安装后即可进行登录/注册操作。



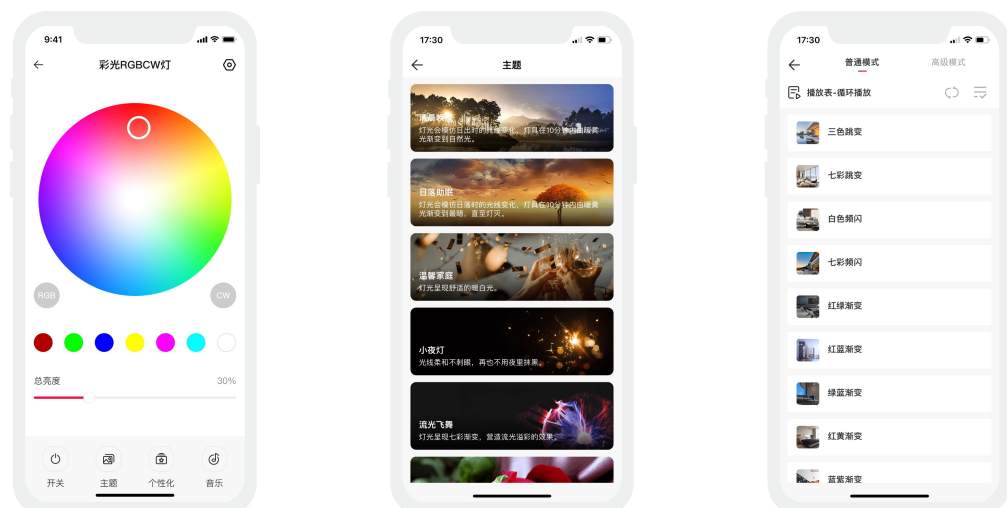
2. 配对操作

新用户创建家庭后，点击右上角“+”进入添加设备列表，选择“智能照明-彩光RGBCW灯”后，按照界面提示，先将设备接通电源，确保设备处于未入网状态。点击“蓝牙搜索”后，按照界面选择相应的灯具类型后完成添加即可。



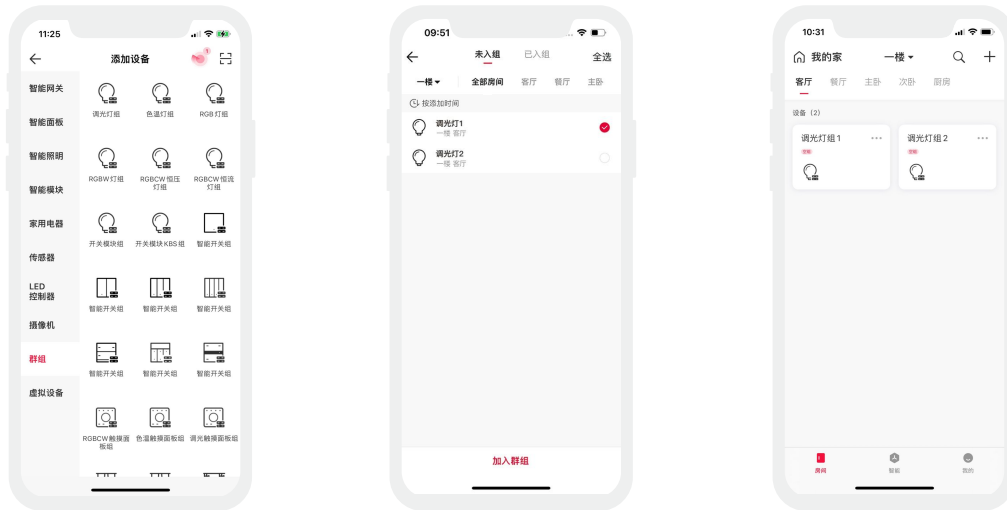
3. 控制界面设置

配对完成后，进入控制界面，可以通过调节亮度、色温、颜色达到想要的灯光效果。点击“主题”，进入【主题】界面，可一键切换多种主题灯光效果。点击“模式”，具有可编辑的普通模式和高级模式。自定义动态模式，让您的生活更加丰富多彩。



4. 灯具群组

同类型的灯具可以组成群组，用户可以对群组进行调光等操作，操作更便利。在添加设备列表中选择“群组—调光灯组”，按照界面提示编辑灯组名称后，点击“下一步”，勾选您要组成群组的设备，点击“加入群组”即可。



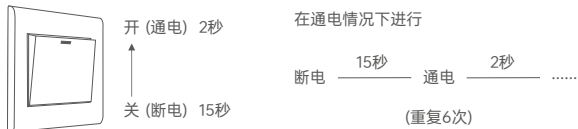
5. 高级功能

本产品可以通过与具有网关功能的设备联动，如超级面板12S。可实现本地场景、云场景、自动化等高级功能。



重置设备 (恢复出厂设置)

方法一：确保驱动已接灯具且处于常亮状态下，使用开关让驱动连续断电6次（每次断电时间15秒，通电2秒），第六次通电2秒后，灯具闪烁3次，即表示驱动已恢复到出厂设置状态。



方法二：确保设备已接通电源且处于在线状态，打开L-Home APP，找到该设备并进入其设置界面，点击“删除设备”按钮。当界面提示“删除成功”时，即表示已恢复到出厂设置。



常见问题

1. 设备添加失败怎么办？

- 1.1 确保设备正常通电，并且处于激活状态；
- 1.2 需要添加的设备未被其他账号添加过，如被添加过，请手动恢复出厂；
- 1.3 确保手机与设备两者尽量靠近，建议不超过20米；
- 1.4 如设备已被强制删除，请手动恢复出厂，然后重新添加设备。

2. 设备离线怎么办？

- 2.1 请检查设备是否正常通电；
- 2.2 请检查路由器是否工作正常，网络畅通；
- 2.3 如使用远程控制，请检查手机网络是否工作正常，网络畅通。

3. 如何远程控制/云场景设置？

如需远程控制/添加云场景设置，需搭配本司超级面板方可使用。

4. 如何共享设备？

请在“我的”-“家庭管理”，进入需要共享的家庭，点击“添加成员”，请按提示将需要设备共享的家人/朋友加入该家庭即完成共享。

5. 用于灯膜或同一个区域群组调光不一致？

不同型号硬件之间会有差异，需要用同一型号群组调光以达到更好的调光一致性。

注意事项

- 请由具有专业资格的人员进行调试安装。
- 本产品（专有型号除外）不能防水防雷，需避免日晒雨淋，如安装在户外，请用防水箱和防雷装置。
- 良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境。
- 请检查使用的工作电压是否符合产品的参数要求。
- 使用的电线直径大小必须能够负载连接的LED灯具，并确保接线牢固。
- 通电调试前，应确保所有接线正确，以避免因接线错误而导致灯具损坏。
- 如果发生故障，请勿私自维修；如有疑问，请联系供应商。

* 本说明书的内容如有变更，恕不另行通知。若内容与您使用的功能有所不同，则以实物为准。如有疑问，请与供应商联系。

保修条例

- 自出厂之日起保修服务期为5年。
- 在保修服务期内出现产品质量问题我司将给予免费修理或更换服务。

非保修条例：

属下列情况不在免费保修或更换服务范围之内：

- 已经超出保修服务期；
- 过高电压、超负载、操作不当等人为造成的损坏；
- 产品外形严重损坏或变形；
- 自然灾害以及人力不可抗拒原因造成的损坏；
- 产品保修标签和产品唯一条形码损坏；
- 无我司签订的合同或发票凭证。

1. 修理或更换是我司对客户唯一补救措施。我司不承担任何附带引起的损害赔偿，除非在适用法律范围之内。

2. 我司享有修正或调整本保修条款的权利，并以书面形式发布为准。