ASAHOM

User Manual

Permanent Outdoor Lights

S1050 Series

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1.READ AND SAVE THESE INSTRUCTIONS

Safety Instructions

• This product is rated as IP67 Waterproof. It can be used outdoors but be immersed in water is not recommended.

• To prevent the light string from falling down, ensure it is installed with both the adhesive tape and the clips.

• Tighten up the waterproof cap before using the light.

• Do not allow children to assemble and install this product.

• Avoid installing this product near major heat sources or other dangerous sources.

• Avoid using other non-standard adapters for this product.

• External dimmer cannot be used with this product.

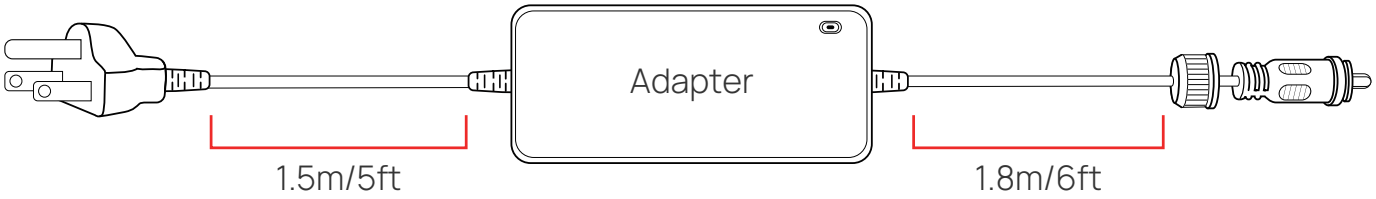
• Use this product with the provided power adapter only.

2.S1050 Series Comparison

Thank you for choosing the ASAHOM RGBWW Permanent Outdoor Lights . This product has an IP67 water-resistant rating, making them ideal for outdoor use. You can Choose from 99+ presets and 16 million colors to decorate house via Smart Life app.

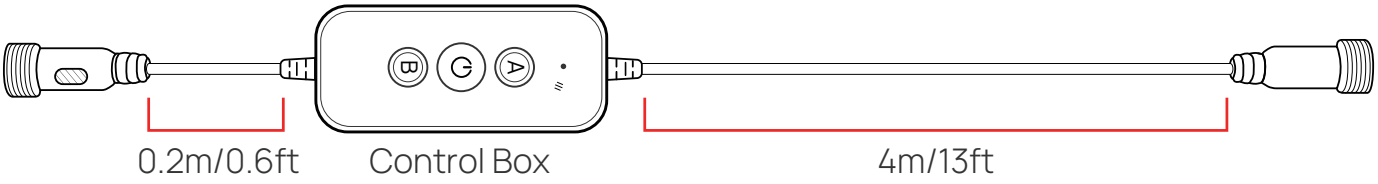
2.1.Component Introduction

Adapter



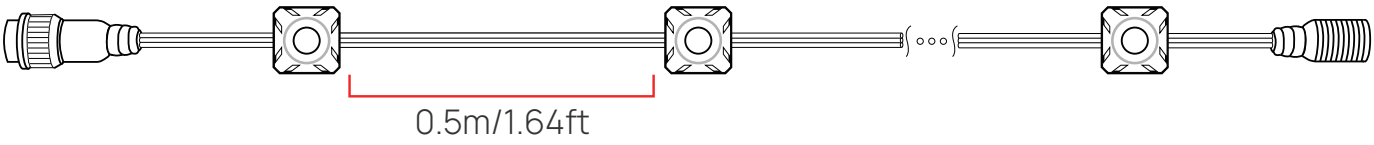
Control Box

Refer to **2.3 Control Box**



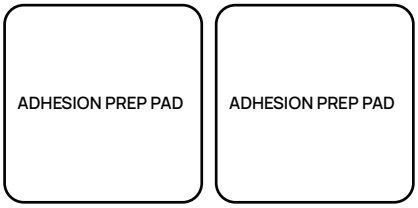
String Section

The length of the string section is 5 m, with 10 lights



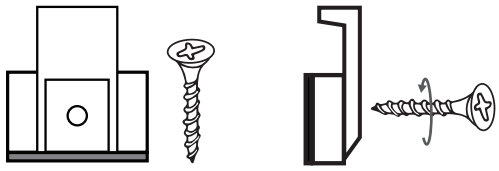
Adhesion Prep Pad

Used to strengthen the adhesion between 3M adhesive and the pasting surface



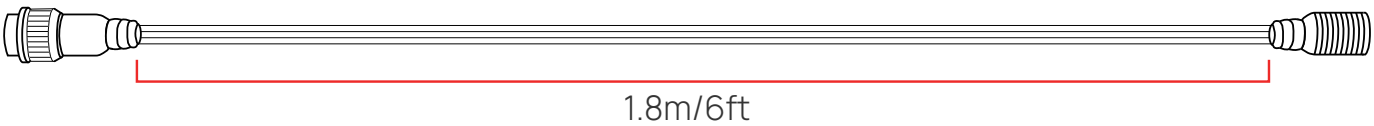
Screw Clip

If the adhesive backing is in an unreliable position, you can use screw clips to fasten the light string.



6ft Extension Cord

Refer to **3.2 Extension cords and Signal amplifier**

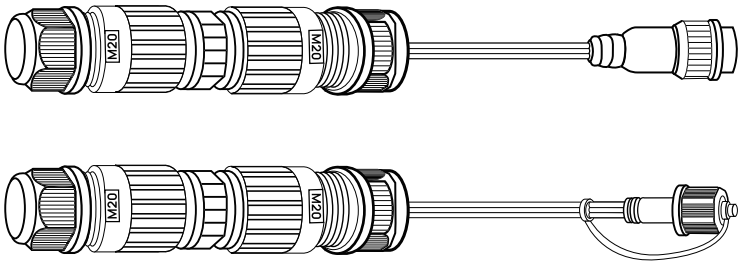


Signal Amplifier

When using extension cords with more than 4 extension cords, the signal amplifier is used to amplify data transmission.Refer to **3.2 Extension cords and Signal amplifier**

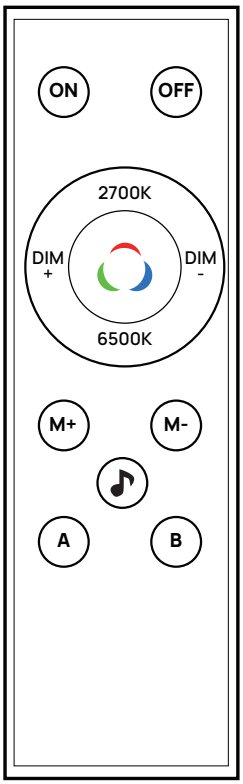
Waterproof Connector

Refer to **3.3 How to Cut and Splice**



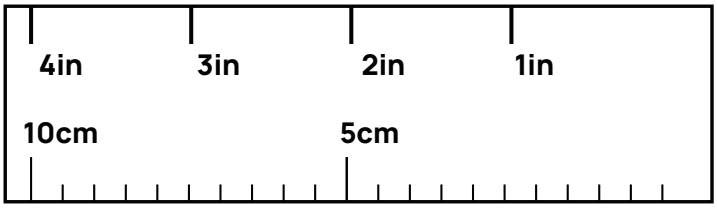
Remote

Refer to **4.Remote**



Ruler

Used to quickly confirm the distance between the installation location and the wall



2.2.Comparison

2.2.1.Specification

Model	S105A	S105B	S105C	S105D
Adapter	Input: 100-240VAC 50/60Hz			
	Output: DC28.8V 2.5A			DC28.8V 3.5A
Brightness	1800lm@4000K	3600lm@4000K	4500lm@4000K	6000lm@4000K
Length/Lights	50ft/30lights	100ft/60lights	150ft/90lights	200ft/120lights
Maximum number of connected lights	90lights (9 string sections)			120lights (12 string sections)
Maximum extension cord length available	36ft (6ft Extension Cord*6)			
Waterproof	IP67			
Waterproof	-20° to 45°C(-4°to 113°F)			

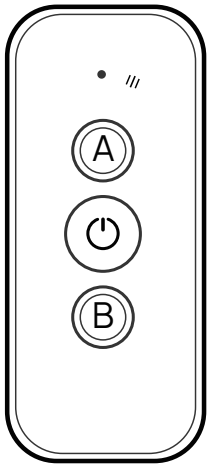
The maximum number of connected lights for S105A, S105B, and S105C is only 90lights (9 string sections). Please do not connect more than the maximum number of lights.

The maximum number of connected lights of S105D can reach 120 lights. Please do not connect more than the maximum number of lights.

2.2.2.Packing List

Item	Quantity			
	S105A	S105B	S105C	S105D
Power Adapter	1	1	1	1
Control Box	1	1	1	1
String light section	3	6	9	12
Adhesion Prep Pad	24	24	36	54
Screw Clip	40	40	55	65
1.8m Extension Cord	2	2	4	4
Signal Amplifier	X	X	1	1
Waterproof Connector	X	X	1	1
Remote(No battery included)	1	1	1	1
Ruler	1	1	1	1

2.3.Control Box



A	Short press: Color Adjustment Long press for more than 5 seconds: Turn on Remote pairing
⏻	Short press: ON/OFF Long press for more than 5 seconds: Reset device
B	Short press: Brightness Adjustment

Blinking blue: In network distribution status

Steady blue: The device is online

Off: device is offline

Installation Notes:

- The control box is IP67 waterproof and can be installed and used outdoors.
- Install the control box as close to the router as possible to ensure stable WiFi signal
- Installation location away from metal shielding
- **The control box only supports 2.4GHz WiFi**

Refer to 5.2 Pairing Your Light with the Smart Life App

3.Installation

3.1.Installation Steps

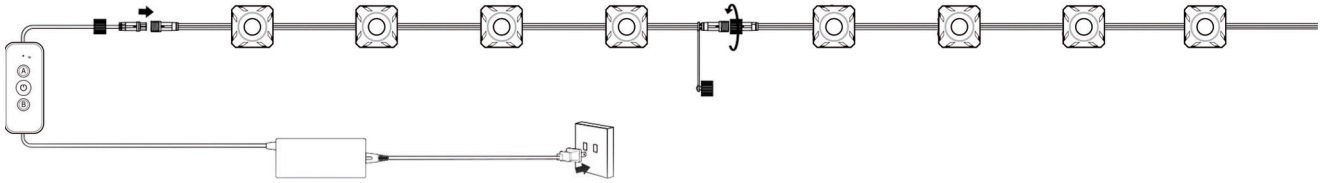
Installation Notes:

Before you start the installation, you need:

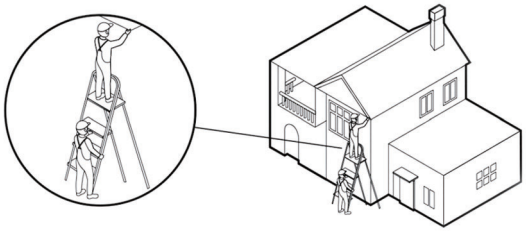
- A ladder, ensuring that it is stable and use it with the help of another person if needed.
- Take the cable clips, screws, and spare adhesive stickers with you.
- Bring a cloth or alcohol wipe to clean the eaves.
- Do not install on rainy or hot days. Your risk of falling increases in extreme temperatures or slippery conditions

① Before installation, connect each string light and plug it into power to make sure every string light can work properly.

The string light might not light up if you plug it into power first and then connect the string light sections

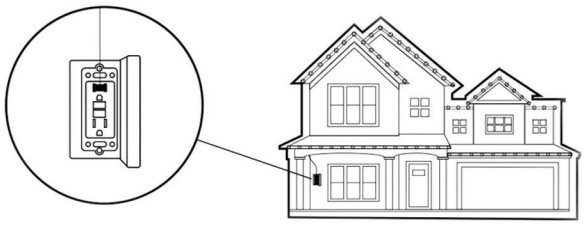


② Prepare a ladder and make sure it is stable enough or used under another person's assistance.



③ Figure out the location of the first string light. Make sure the adapter and control box is long enough to connect to the power supply. Fix the adapter to the wall surface to alleviate the burden of the string lights.

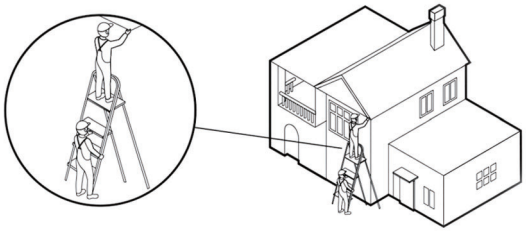
Note: The waterproof connector with the red washer on the first string light should connect with the control box.



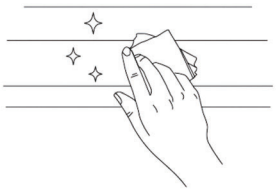
④ Clean the surface with cloth or tissues where you plan to install the string lights. Make sure the surface is clean and dry.

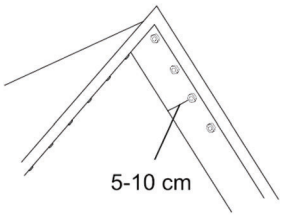
It is recommended to vertically install the string lights 5-10 cm away from the wall surface.

Note： You can quickly confirm the installation distance with the provided ruler.

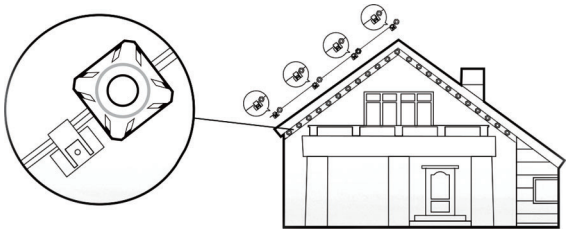


⑤ Use the Adhesion Prep Pad to wipe the surface to make 3M paste stronger.Tear off the 3M gum on the back of a light and firmly press it against the surface for more than 5 seconds. The slight rotation of the power cord will not affect the use.

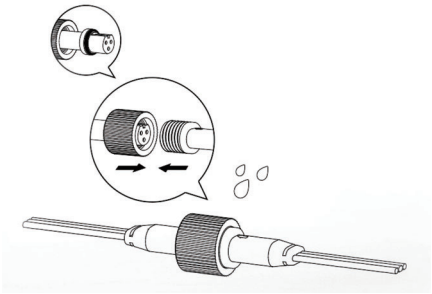




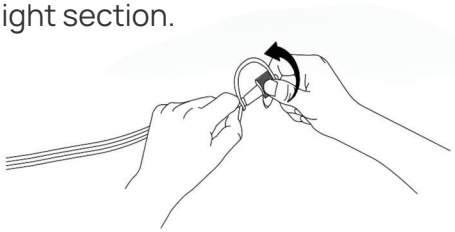
⑥ Use screw clips to fix the string lights firmly on the eave. Each string light needs 6 screw clips. The joint between the first string light and the control box, and the power cords at the top of the gable needs to be secured with an extra clip.



⑦ Connect two string lights via the waterproof connectors. Make sure the red washer on one of the connectors does not fall. Firmly screw the waterproof connector cap. Repeat steps 4, 5, and 6.You can use the 6ft extension cord that comes with the package and install on different eaves/peaks of roof lines.



⑧ After connecting all string lights, firmly screw the waterproof connector cap of the last string light section.



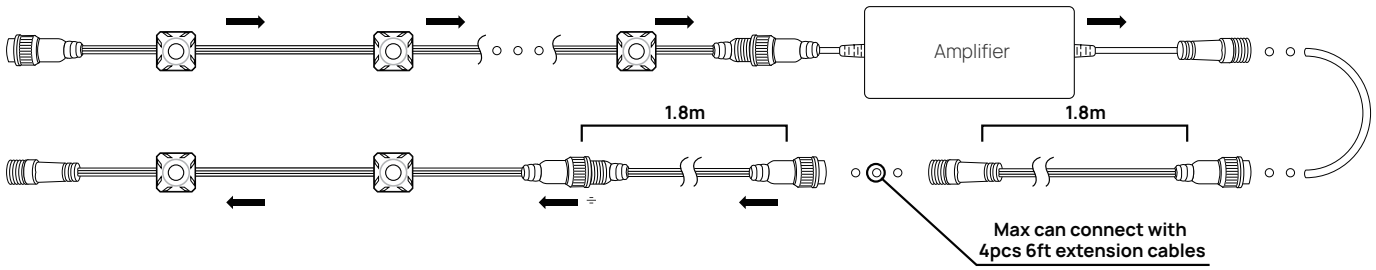
⑨ Plug into power and enjoy your lighting effects.

3.2.Extension cords and Signal amplifier

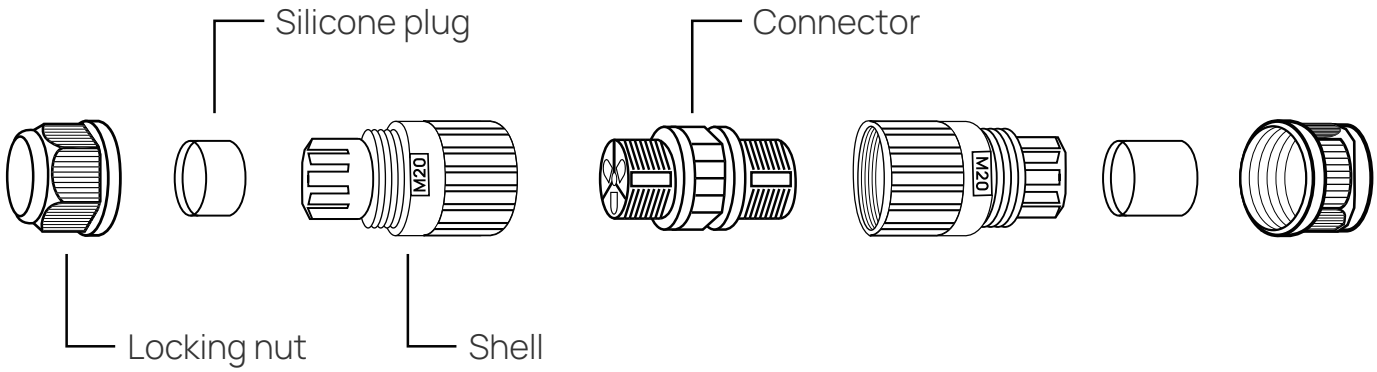
The S1060 series can be connected to up to 6 extension cords

When there are more than 4 extension cords, a signal amplifier needs to be connected before the first extension cord to ensure signal stability.

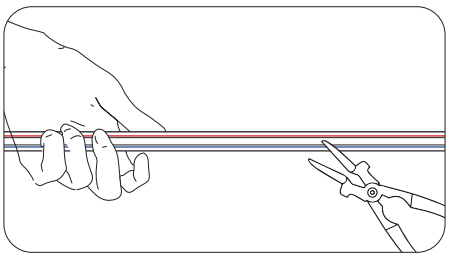
Note： You can buy extension cords and signal amplifiers at ASAHOM's Amazon store.



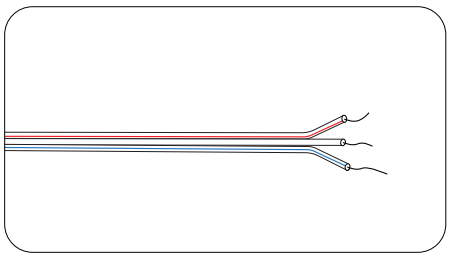
3.3.How to Cut and Splice



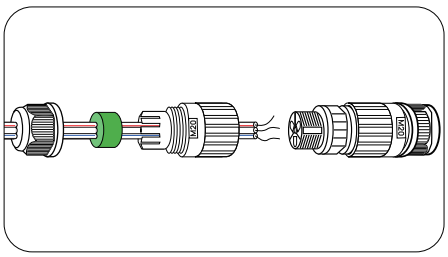
① Use male wire connector when needing to cut the string light.



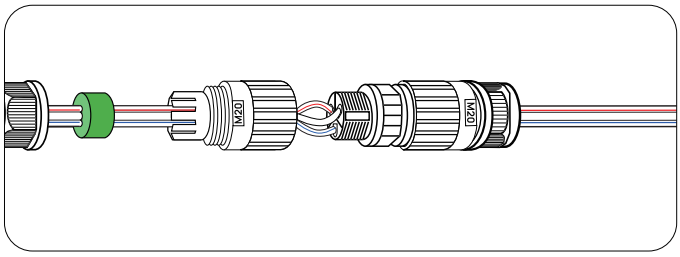
a.Disconnect from power. Cut string light between two light beads.



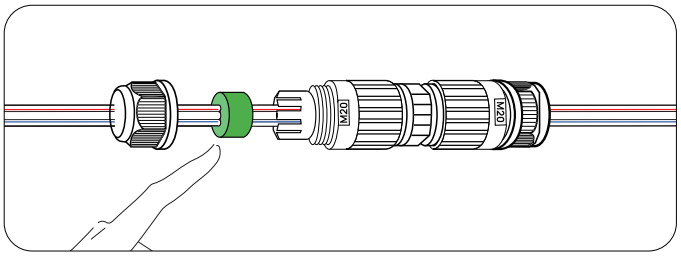
b.Strip off to reveal three insulated wires.



c.Pull out silicone plug and allow power cord to pass through.



d.Insert exposed wires into corresponding slots.

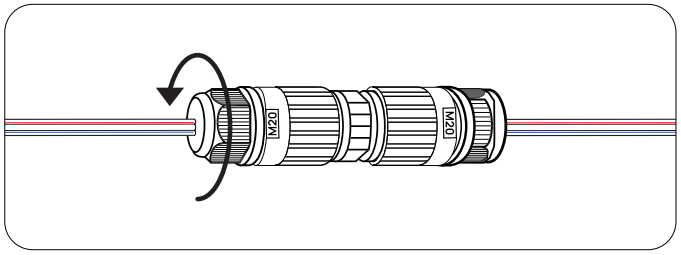


e.Firmly screw connector and push silicone plug into shell.

It is recommended to use a wrench to tighten the waterproof connector nut to prevent the risk of water intrusion due to long-term exposure to heavy rain.

② Use female wire connection when needing to reconnect the cut string light.

a.Repeat steps 1b, 1c, 1d and 1e.
b.Connect it to the end of the entire string light.



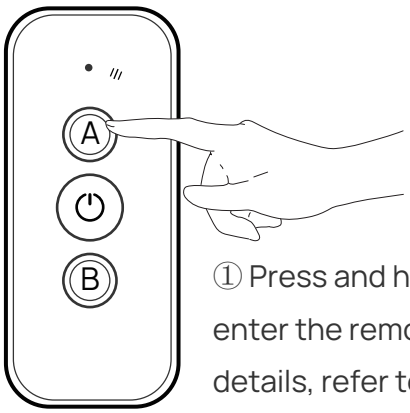
4.Remote

4.1.Pairing the remote

Before Pairing

Please make sure the distance between the remote and the control box is within 3m

Please make sure the batteries are installed in the remote.

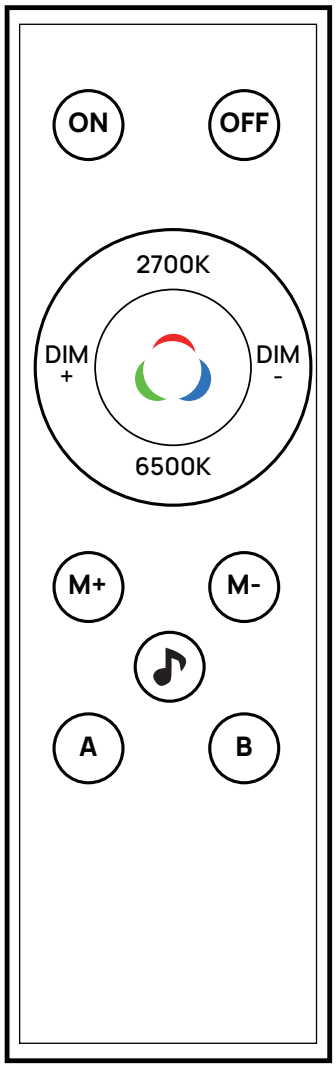


① Press and hold button A on the control box for more than 5 seconds to enter the remote control pairing state, or start pairing through the APP. For details, refer to **5.8 Add Remote**

②Keep pressing the Remote ON button for a long time. If the pairing is successful, the light string will turn on or off once.

4.2.Remote function

Button	Function
ON	Turn on the lights
OFF	Turn off the lights
2700K	2700K always on
6500K	6500K always on
DIM+	Brightness+
DIM-	Brightness-
	Color cycle
M+	Preset+
M-	Preset-
	Switch music mode
A	Random color
B	Random Preset



5.App Instructions

5.1.Download Smart Life APP

Download the Smart Life app from the App Store (iOS devices) or Google Play (Android devices).

Note： You can use the APP for free. If charges appear on the APP after downloading, please check whether you downloaded the wrong APP.

5.2.Pairing Your Light with the Smart Life App

What You Need:

- **A Wi-Fi router supporting the 2.4GHz and 802.11 b/g/n bands. (5GHz is not supported.)**
- A smartphone or tablet running iOS 8.0 (or above) or Android 4.3 (or above).
- Before installation, connect each string light and then plug it into power to make sure every string light can work properly.

① Turn on the Bluetooth on your smartphone. And 2.4GHz WiFi has connected.

② Keep the distance between the smartphone and the control box within 5m/16.4ft when connecting.

③ Open the Smart Life app, tap the "+" icon in the top right corner, the device will automatically appear in the scan list.

Note: If it is not displayed within 2 minutes, please press and hold the ON/OFF button of the control box for more than five seconds,the control box indicator light will flash and then use the APP to add the device again.

④ Tap the device icon and follow the on-screen instructions to complete pairing.

Note:

a.The blue indicator light on the control box flashes to indicate that the device is in network distribution status. If the indicator light is not flashing, please press and hold the ON/OFF button for more than 5 seconds.

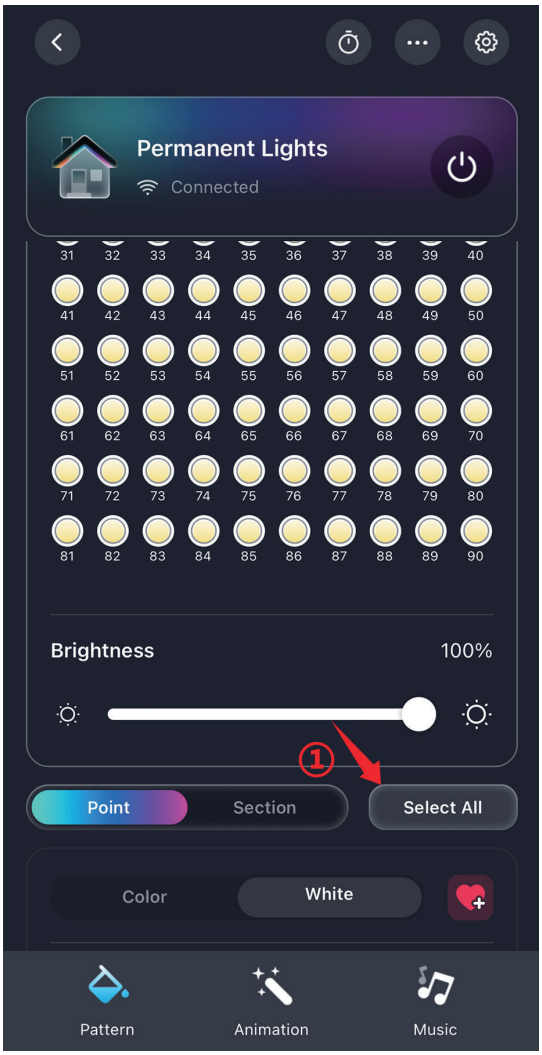
b.Increasing or decreasing the number of lights requires re-refreshing the number of lights.Refer to **5.7 Light number setting**

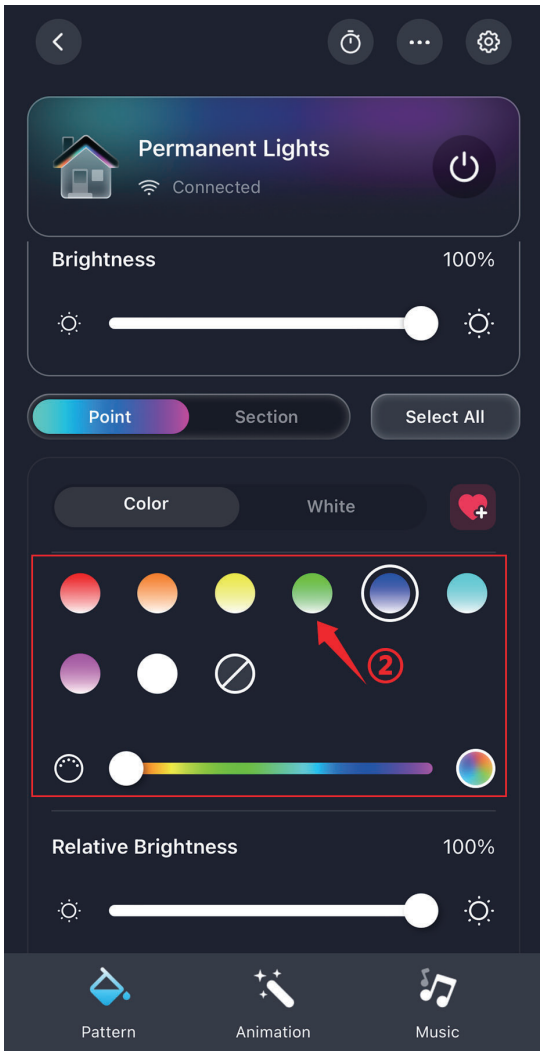
5.3.Pattern Function

5.3.1.Overal color adjustment

① Switch to **Select All**

② Click on the color patch



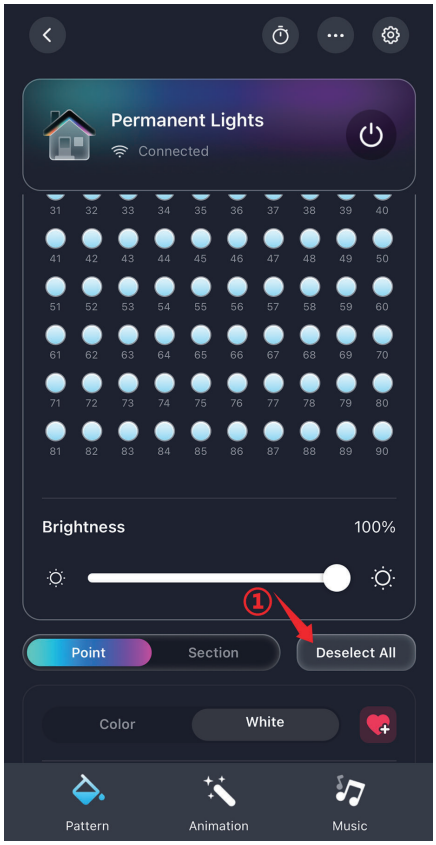


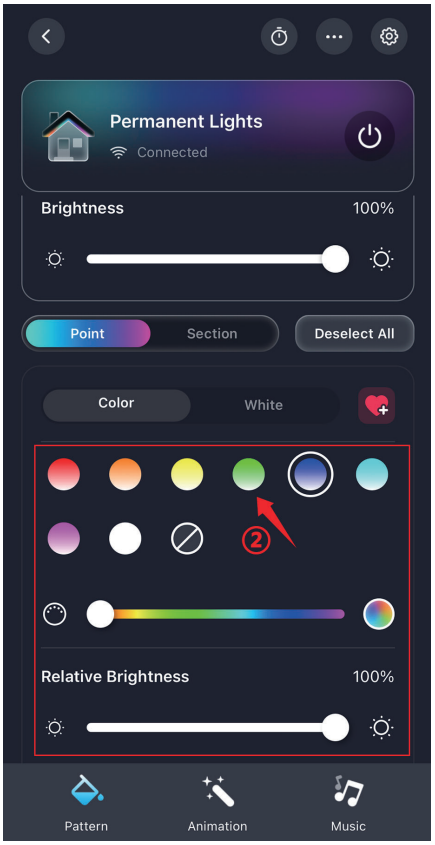
5.3.2.Single light color adjustment

① Switch to **Deselect All**

② Click on the color patch， adjusting the relative brightness can control the brightness of a single light

③ Click or slide in the light string area

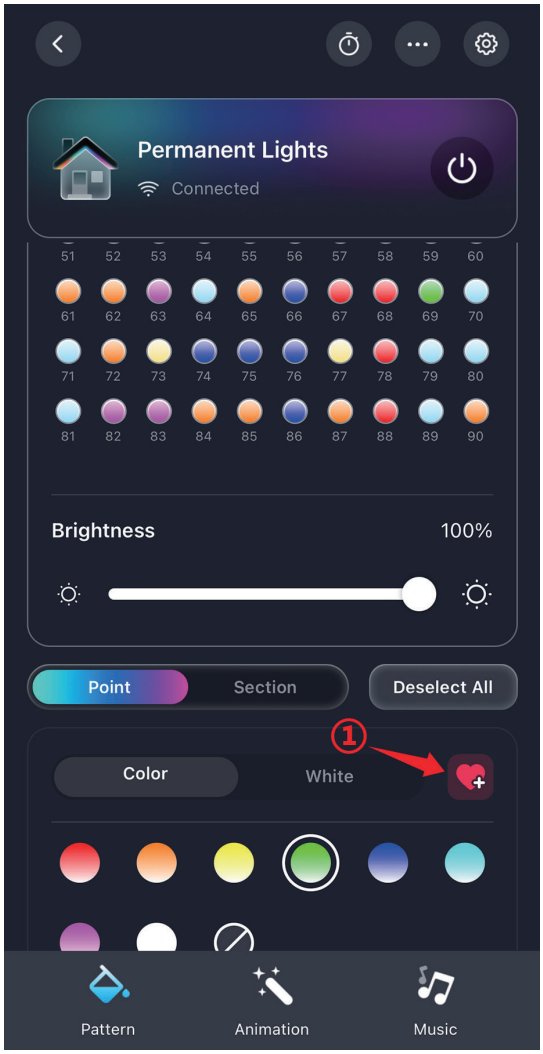


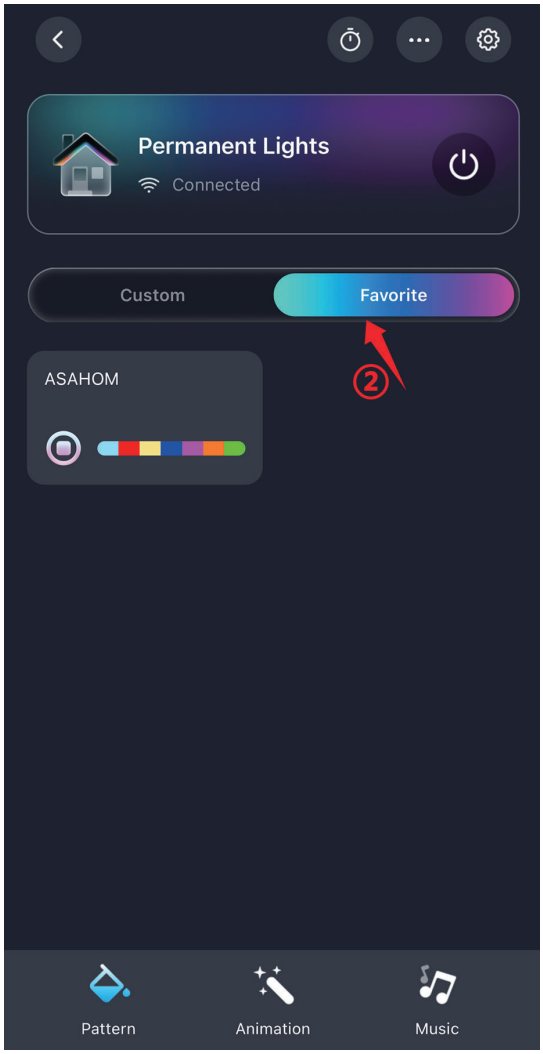


5.3.3.Save pattern to favorite

① Click **the favorite button**

② The current pattern wil be saved in **Favorite**





5.4.Animation Function

5.4.1.Preset

Click the **Preset icon** to execute the corresponding lighting effect.

Click the **heart** in the upper right corner of the Preset icon to pin the Preset to the top.

5.4.2.DIY

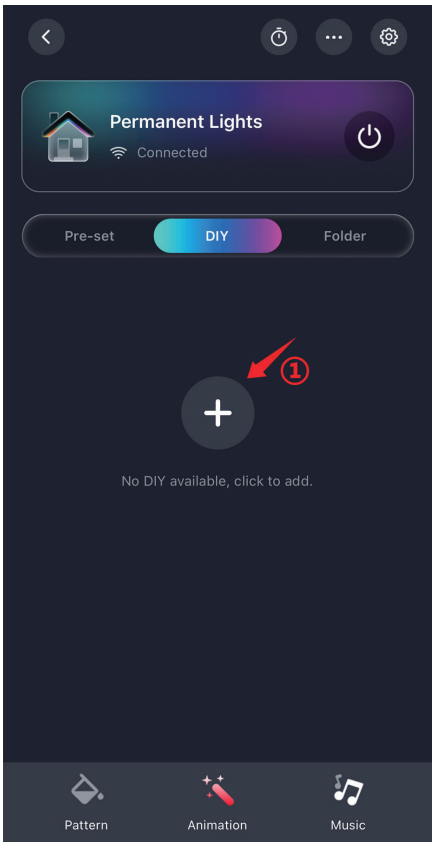
Provides 15 basic DIY effects. On this basis, you can modify the color, change speed, etc. to create your own exclusive lighting effects.

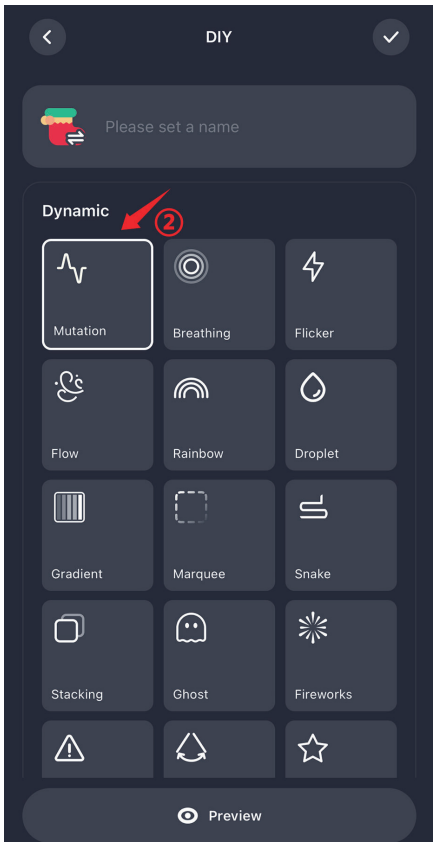
① Click +

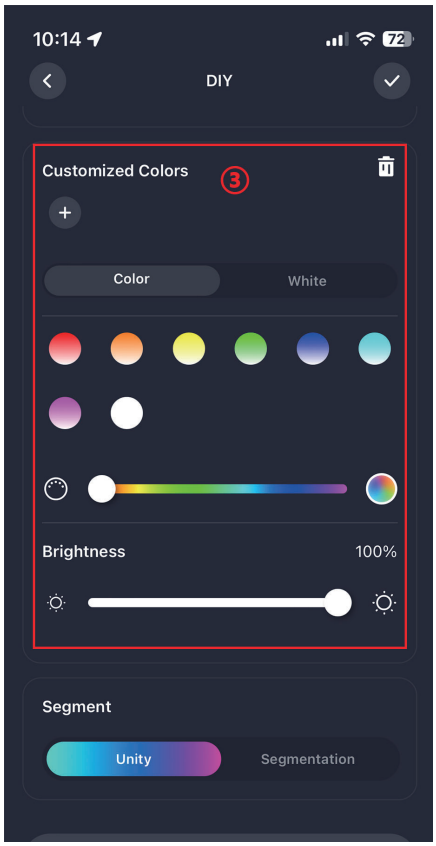
② Choose a **Dynamic**

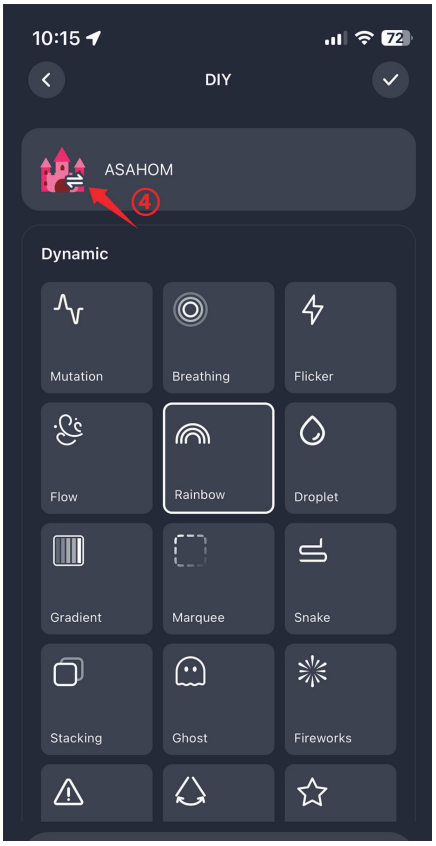
③ Click the **color** and then click + to add the color to the current effect. You can choose up to 8 colors.

④ Click the **DIY icon**, there are more icons to choose from









5.4.3.Folder

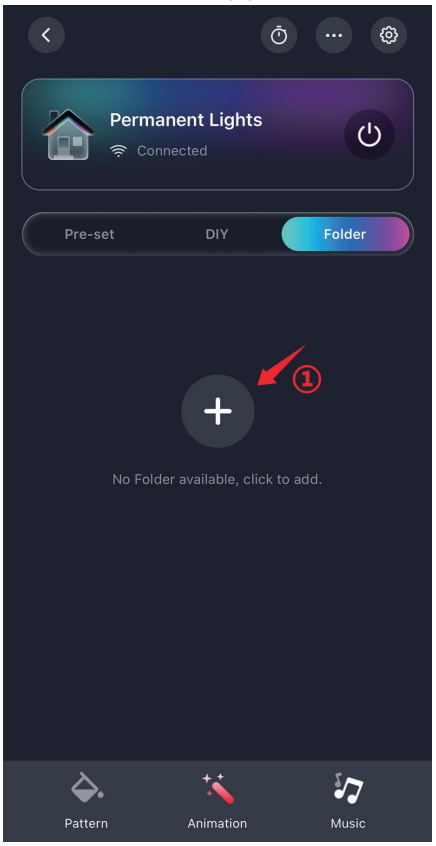
Select preset or DIY to form a folder, and the lights will perform corresponding effects according to the set order and time.

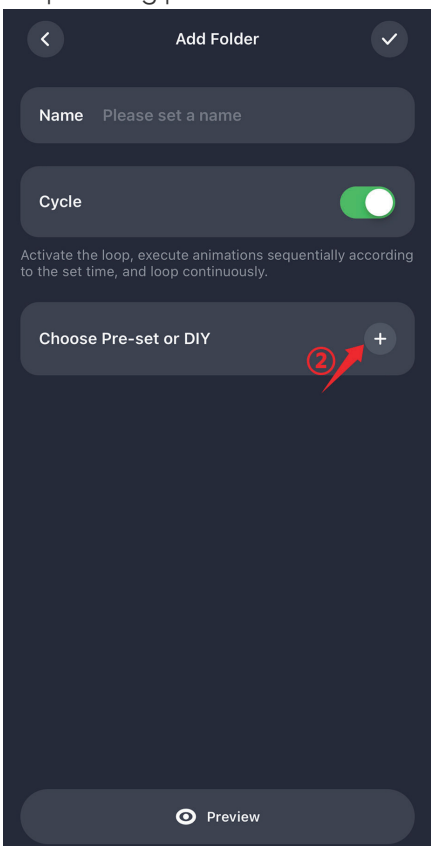
① Click +

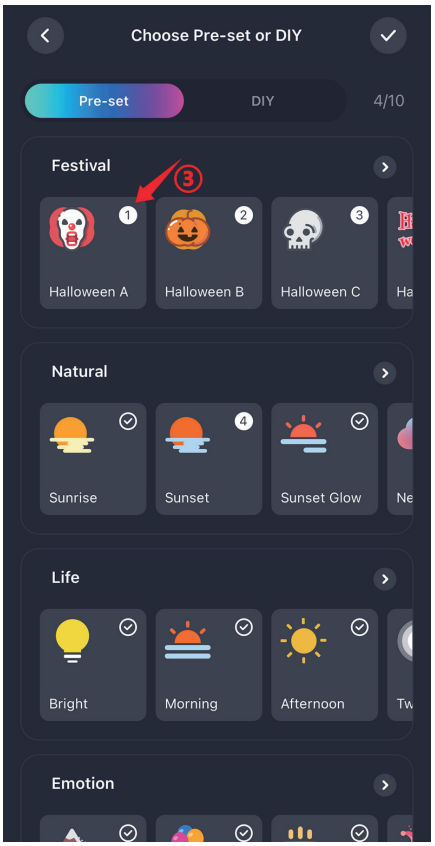
② Click Choose **Pre-set or DIY +**

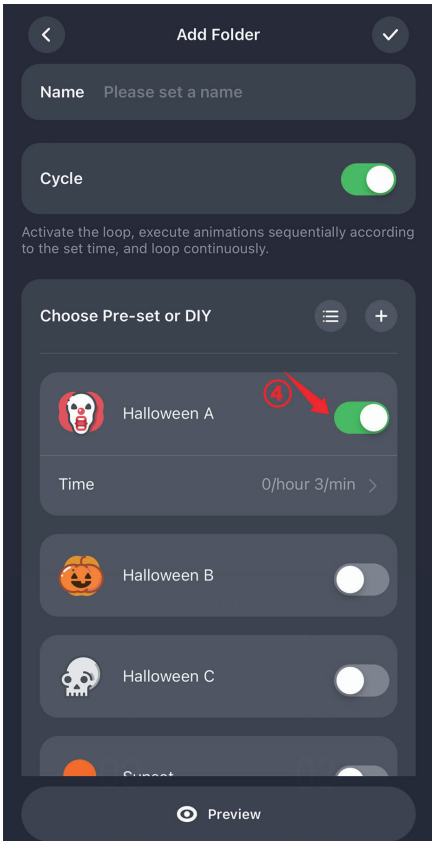
③ Choose **Preset or DIY**

④ Set the validity period of the corresponding preset or DIY









5.5.Music

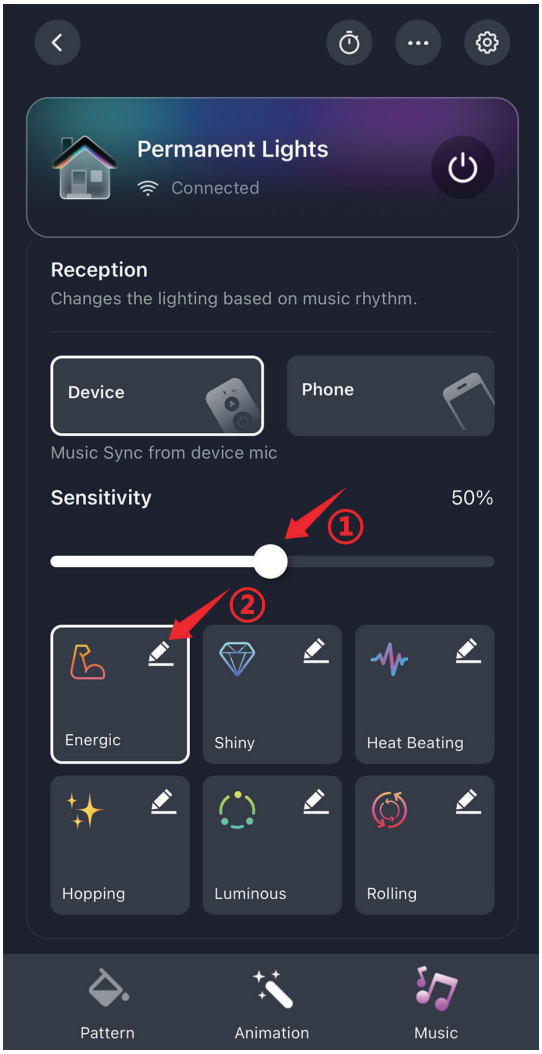
5.5.1.Device Music mode

Built-in 6 device music modes

①Adjust sensitivity for the best lighting effects

②Click the upper right corner of the icon to reset the setting color

Note: The farther the sound source is from the control box, the higher the sensitivity needs to be set to achieve the best effect.



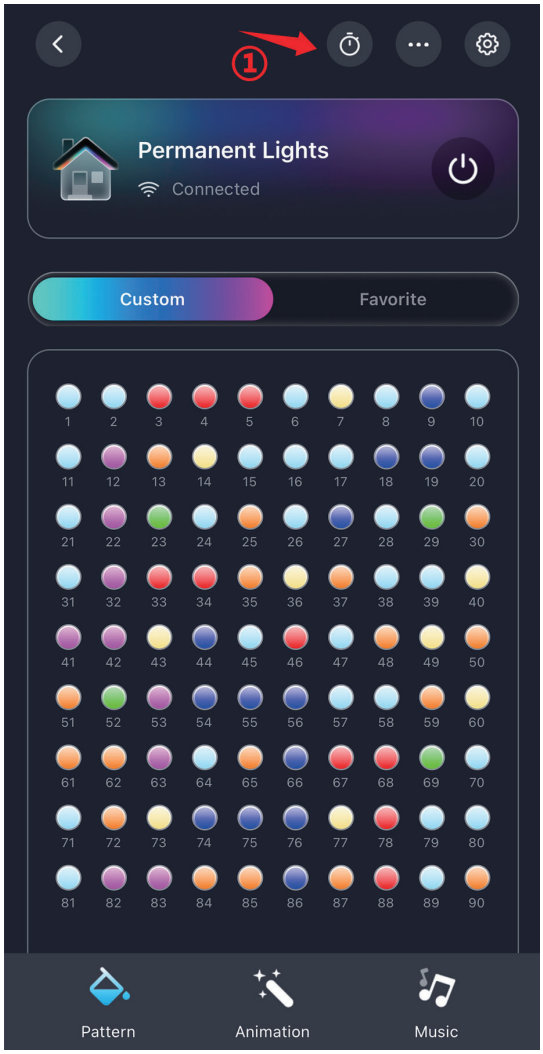
5.5.2.Phone Music mode

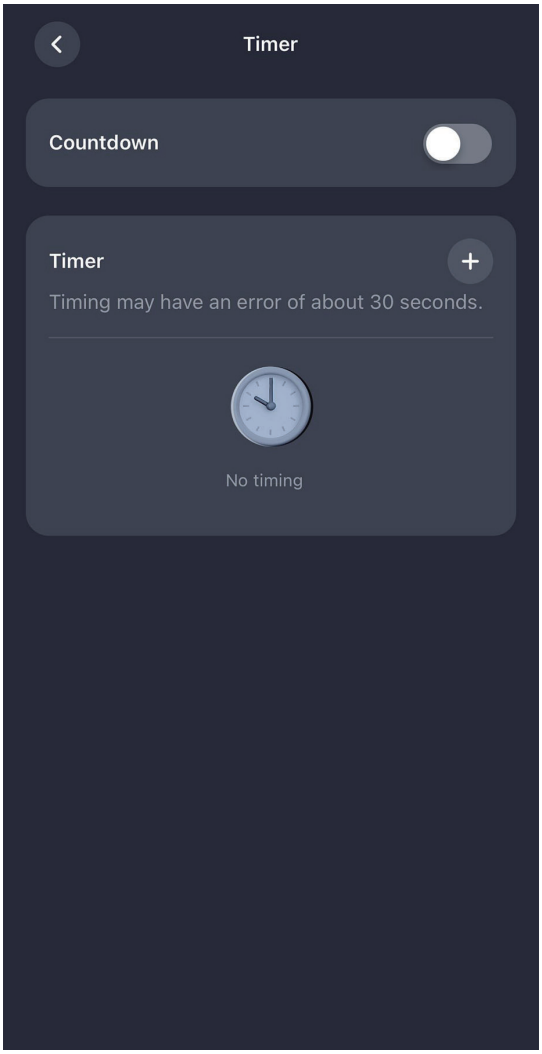
Built-in 4 phone music modes.

When using, make sure your phone and device are on the same WiFi network.

5.6.Timer

Enter the Timer page by clicking the clock icon





5.7.Light number setting

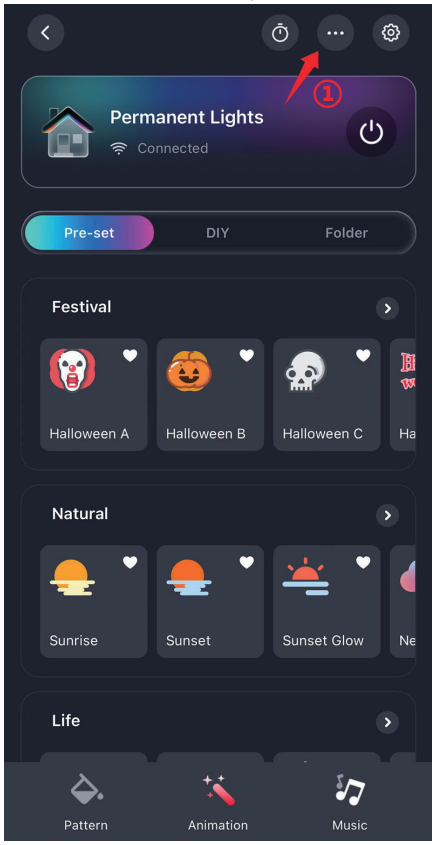
When increasing or decreasing the number of lights, reset the number of lights to ensure that the lights can achieve the best display effect.

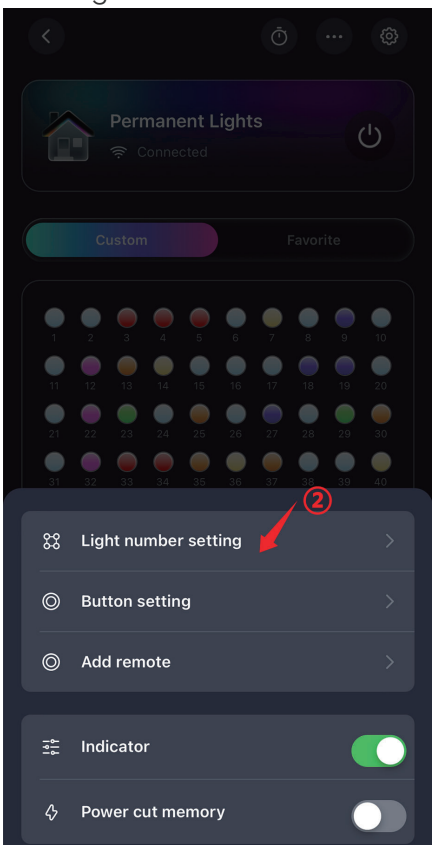
① Click on **more** icon

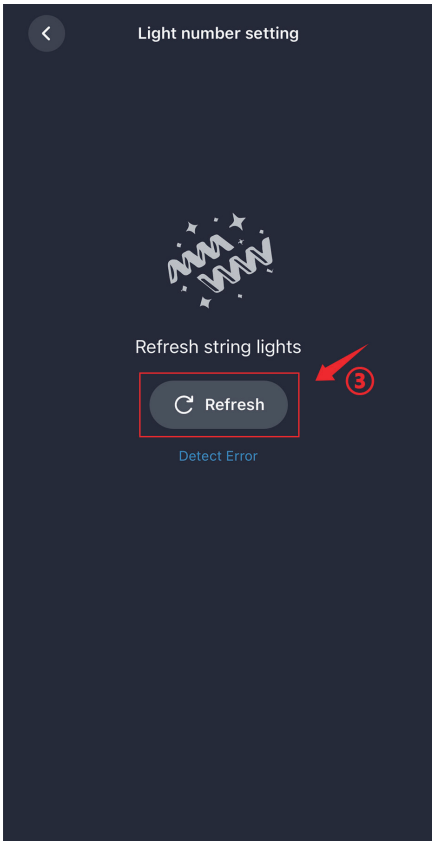
② Click **light number setting**

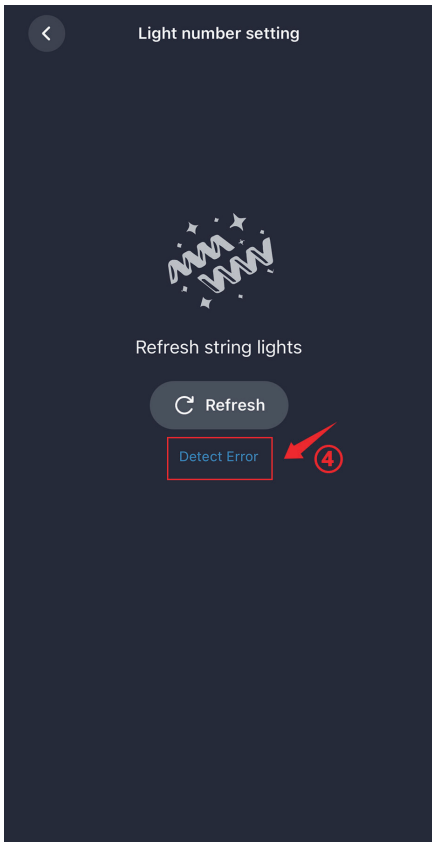
③ Click to **Refresh**

④ If the refreshed number of lights does not match the actual number of lights, you can click **Detect Error** and manually enter the number of lights.









5.8.Add Remote

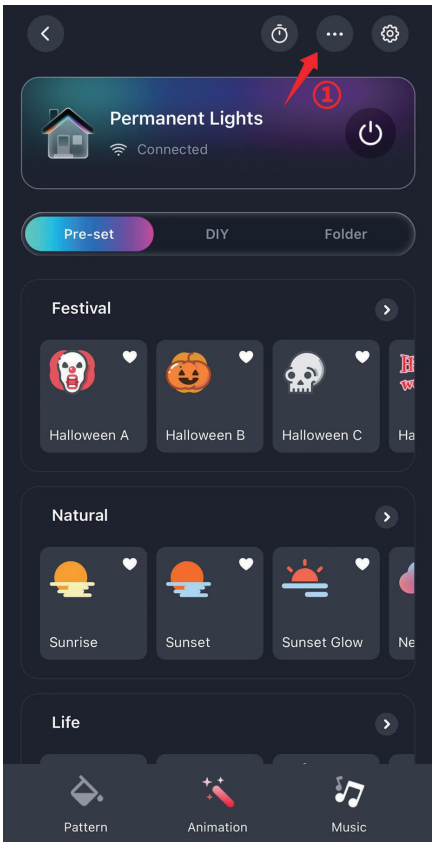
① Click on **more** icon

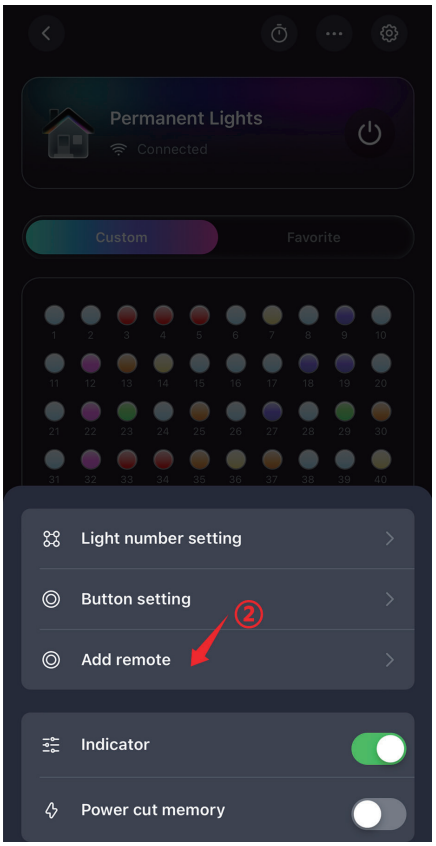
② Click **Add Remote**

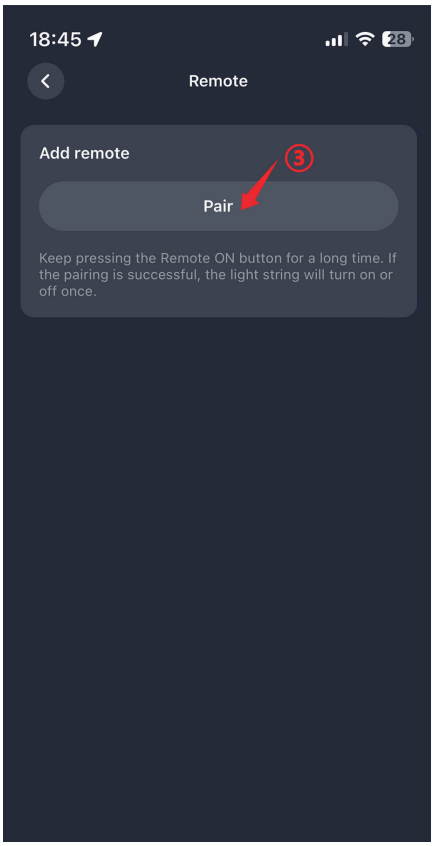
③ Click **Pair**, and the control box will enter the remote control pairing state.

④ Keep pressing the Remote ON button for a long time. If the pairing is successful, the light string will turn on or off once.

Refer to **4.1 Pairing the remote**







5.9.Controlling the Light with Your Voice

1. Open the app, tap the **Me** icon
2. Tap the Alexa/Goggle Assistant icon, and then click connect Alexa/Google Assistant to bind your Smart Life App account to your Alexa/Google Assistant account.
3. After the operation, you can voice control via Alexa/Google Assistant.

6.Troubleshooting

Note: The troubleshooting section below is for solving frequently asked questions for the product. If your problem persists, please feel free to contact us via Amazon Messenger or email at : asahom.service@outlook.com

Problem	Possible Cause	Solution
APP can't scan the device	Before connecting to the APP, the blue indicator light on the control box does not flash, and the device is not configured with a network.	Press and hold the ON/OFF button on the control box for more than five seconds. The blue indicator light will flash and enter the network distribution state. Please refer to 5.2 **Pairing Your Light with the Smart Life App** to reconnect to the App.
	Bluetooth on mobile phone is not turned on	Turn on the Bluetooth of your phone and search again
	The distance between the mobile phone and the control box is too far	Ensure that your smartphone is within 5m/16.4ft of the light when scanning.

Cannot connect to Wi-Fi.	Connected to 5GHz WiFi	5GHz WiFi network is not supported. Please set the router to 2.4GHz and then reset it.
	The control box is far away from the router	Install the control box close to the router to minimize obstruction
	Wrong WiFi name and password	Make sure you have entered the correct Wi-Fi name and password.
	WiFi password setting is complicated	Change your Wi-Fi password to a brief one.8 numbers and letters are suggested.
After installation, string lights fall off the wall	Failure to clean the pasting location before installation	Use a clean cloth to wipe the installation location before pasting
	The material of the installation location does not meet 3M's adhesive requirements.	You can use an Adhesion Prep Pad to wipe it, and then replace it with 3M glue and stick it again. Or use Screw Clip for installation

Only some lights are on	The control box failed to successfully identify the number of light strings	Reset the number of lights Refer to **5.7 Light number setting**
	Poor contact between light string connectors	After changing the order of the light string, reset the number of lights
The color of the light string is inconsistent with the color displayed on the APP	Data loss occurs when the APP and light string colors are synchronized	Exit the APP and re-enter the device control page

ASAHOM

FCC Warning

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, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.

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

NOTE: 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 interferenceto 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:

- Reorient or relocate the receiving antenna.
- 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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

ISED Warning

- English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economi Development Canada' s licence-exempt RSS(s). Operation is subject to the following two conditions:
- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.
- French: Cet appareil contient des é metteurs/r é cepteurs exempt é s de licence qui sont conformes aux rss exempt é s de licence du Canada en mati è re d'innovation, de science et de d é veloppement é conomique. l'op é ration est assujettie aux deux conditions suivantes:

Cet appareil ne peut pas provoquer d'interf é rence.
- cet appareil doit accepter toute interf é rence, y compris les interf é rences qui peuvent provoquer un fonctionnement ind é sirable de l'appareil.
-

ISED Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

· nonc é d'exposition au rayonnement

Cet é quipement respecte les limites d'exposition aux rayonnements fix é es pour un environnement incontrôl é . cet é quipement doit ê tre install é et utilis é à une distance minimale de 20 cm entre le radiateur et votre corps.