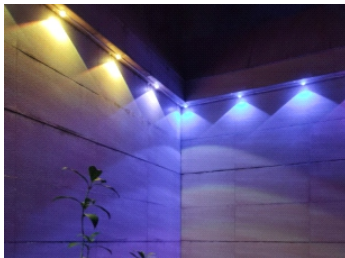




DOT WASH



The LPM-R30 can be configured into any shape, offering designers and architects a wide range of options for both indoor and outdoor applications. These include decorative lighting, outline lighting, and high-resolution displays, whether irregular or regular in pattern.

Product Specifications

Quantity of lights	60 (pieces light)
Total Length	100FT
Power Input(Adapter)	100-240V AC 50 / 60Hz
Color Range	RGB
Beam Angle	90°
Power	1W / 1PCS
Operating Voltage	24V DC
Luminous Flux	45 lm (per light)
Weight	1.61 Kg
Environment	IP67
Light Life	50,000 hours
Operating Temperature	-20°C to +60°C

Remote control instruction



- **The current status is:**

Static time - Adjust the brightness



- ON/OFF



- Lock key

(First press: Except open and key, other keys are invalid)
(Second press: all functions are valid; And so on)



- **Color zone**

Monochrome/colorful



- **AUTO:** Dynamic effect casting



- Adjust the speed of dynamic mode



- **M⁺/ M⁻:**

See the full effect of the built-in dynamic list



- **Timing mode:**

1H/2H/3H/4H: Set the timing off for 1/2/3/4 hours



- **Musical rhythm pattern**

★ Characteristic function

- In any mode, you can switch the background color by pressing the color area button
- After successfully switching the background color, press the color again to enter the static mode

Download APP

The Surplife app can be downloaded from the App Store or Google PLAY Store, or you can sign in by scanning the code.

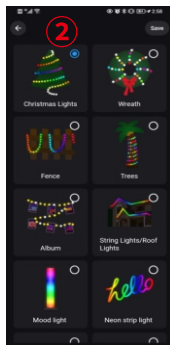
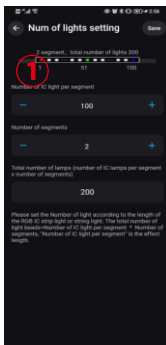
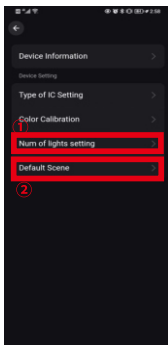
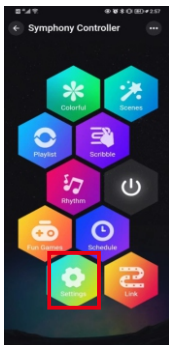


How to use APP

Please scan the APP to connect to Bluetooth or wifi(click "OK")

1.About Settings:

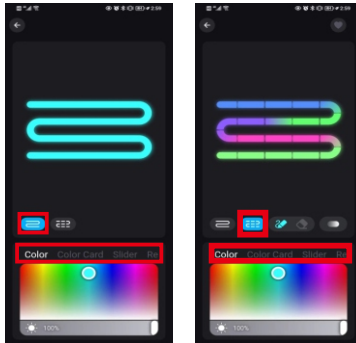
- 1) In the setting interface, you can set the IC model, color calibration, number of points(Total number of points can not exceed 500 in each segment and total LED chips quantity can not exceed 2048)
- 2)The setting of IC number is applied to the scribble function



2.Detailed introduction of APP functions:

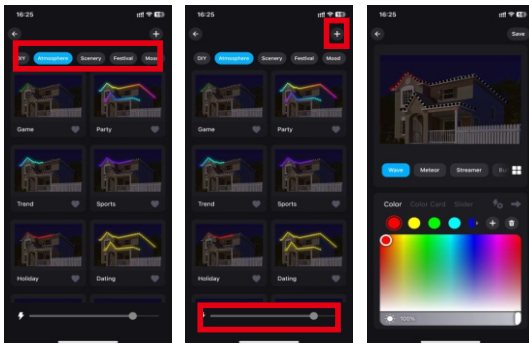
A) Multi color function

The color of the light can be adjusted by the whole and each segment. App provides different columns for color selection or editing, and the brightness can also be adjusted. In the segmentation interface, users can freely smear or erase the color of each segment, and also set the gradient effect.



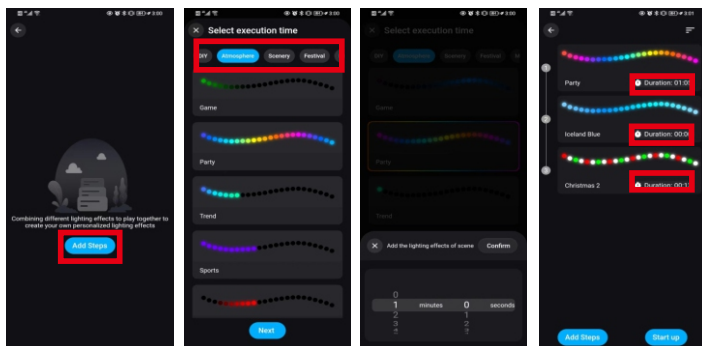
B) Scene settings

There are Four Build-in scenes: “Atmosphere”, “Life”, “Scenery”, “Festivals”, “Mood”, and click “DIY” or “Collection” to create your favorite light effect.



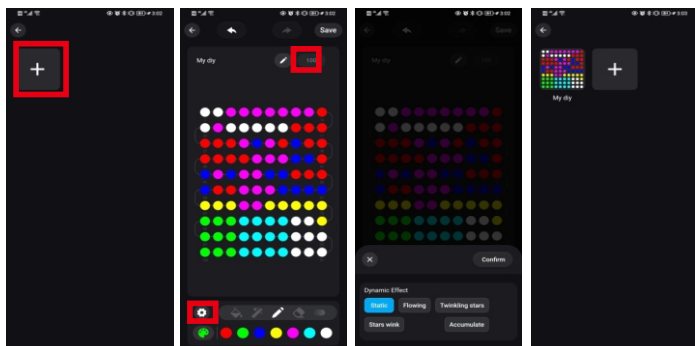
C) Playlist mode

Multiple light dynamic modes built in, can set the time of lighting effects and enter cycle mode. Select different scene modes, then set the duration of each scene respectively, and play it by combining the sequence of different lighting effects.



D) Smeared function

Click the plus sign to customize the light color and dynamic effect, and click Save after setting. (Make sure that the number of lights is consistent with the equipment before DIY, otherwise the lighting effect is incomplete, please edit the number of IC lights in the "Setting" function)

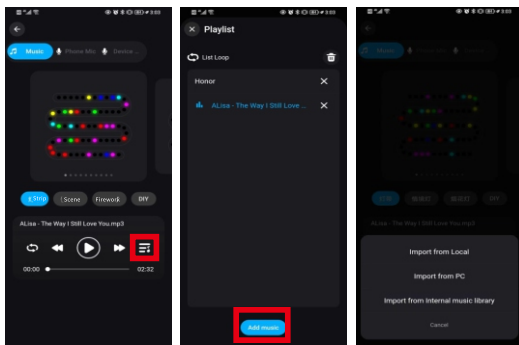


E).Music Mode

1.Synchronization function of lighting and music rhythm.

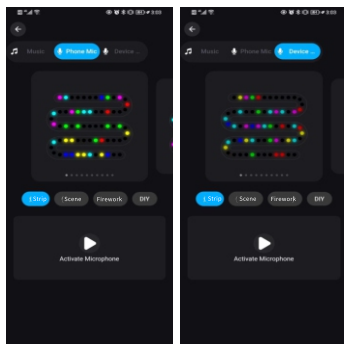
Click "Add Music" > Import a music file or import it from the built-in music library.

Note: IOS system needs to download music files to iTunes or import music from PC according to the instructions, Android system needs to download music files to mobile phone to use.



2.MIC

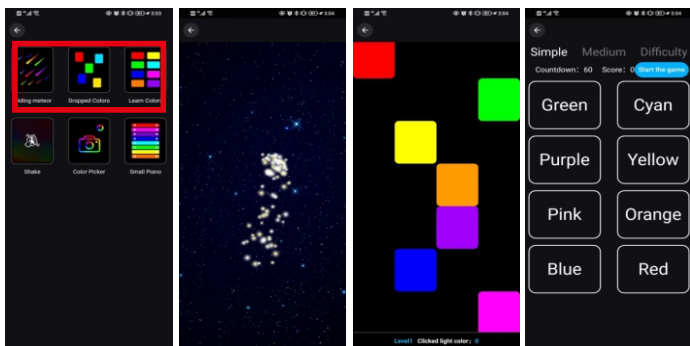
The lights color will change with the sound rhythm when your phone microphone catches the sound. The microphone sensitivity can be adjusted by the slider. There are two ways to input the audio signal on the controller, built in APP microphone and external microphone (For sound control version).



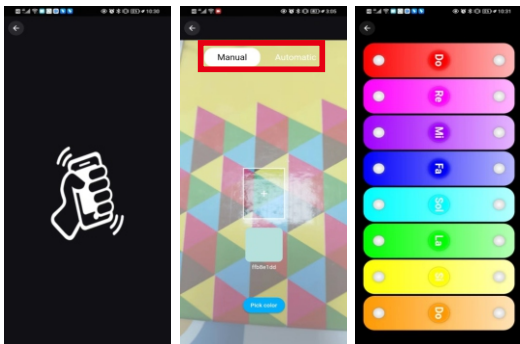
F).Fun game

There are 6 fun games to play (sliding meteors, falling colors, recognizing colors, shaking, color picker, baby piano)

- Sliding meteor: You can draw different meteors on the screen at will, and the light changes with the meteors.
- Dropped colors: look at the light to choose the color, according to the color of the light, click the falling color block.
- Learn colors: look at the light to select the text, observe the color of the light, click the corresponding text.

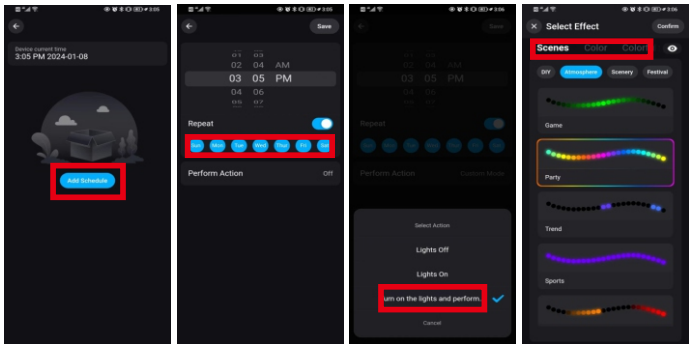


- Shake: The light changes with the shaking of the phone.
- Color picker: the light follows the color captured by the mobile phone to take color changes, you can take color manually or automatically.
- Small piano: The lighting changes with the rhythm of the piano



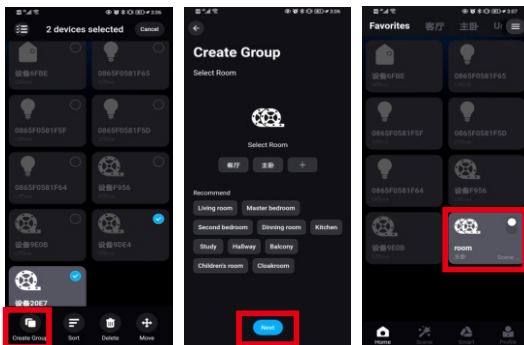
G) Light timer

Smart lights automatically come on and off at given times through the timer function, choose your favorite effect and color then save it.



H) Group Control

This mode allows you to create different groups to control more than one controllers at the same time.

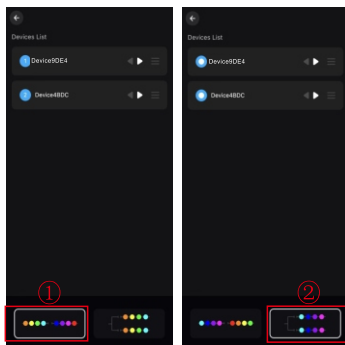


I).Link

Setting a group for the strip lights, enjoy the linkage lighting effect. Hold and drag the device on the list to change the order and the direction.

①The grouped light strips synchronized Linkage

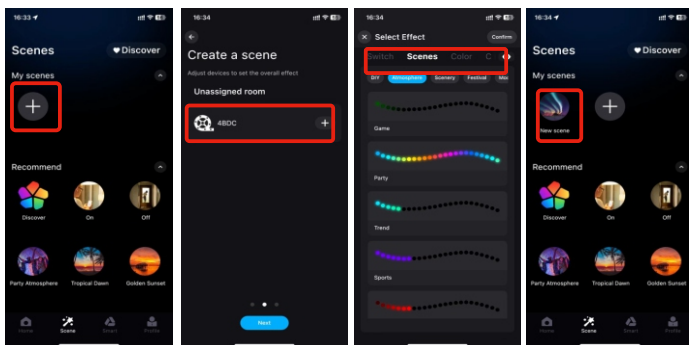
②The grouped light strips change sequentially



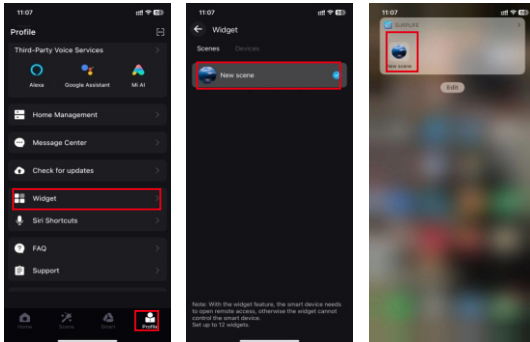
J). Apple IOS system widget added (also supports Android phones)

Steps:

1. Create a scene for your light, and add a command for him when you use the widget.



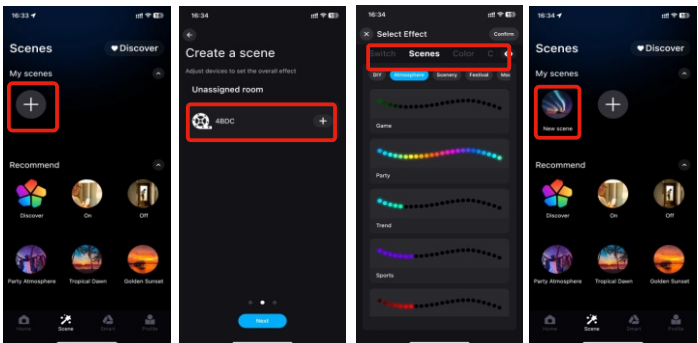
2. Enter the page "Profile" > Tap "Widget" > Add the scene to Widget. Then Add "Surplife" app to Widget



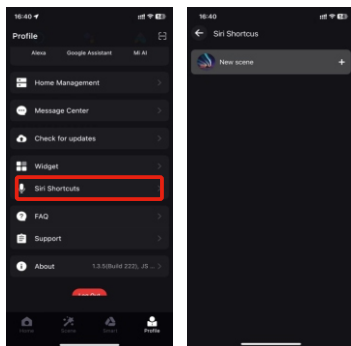
K) Siri Shortcuts-IOS

Note:

1. Siri only can control the scene.
2. IOS 12.0 and above systems have their own shortcut function.
3. Pls make sure your device is "Cloud Online".



3. Enter the page "Profile" > Tap "Siri Shortcuts" > Add the scene to here.



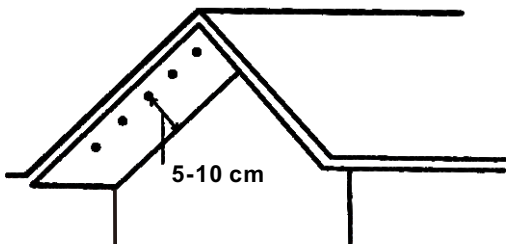
4. Ask Siri: Turn on the {Scene Name}

Attentions

- a) Please make sure that the power supply and controller are properly waterproofed.
- b) For input voltage, please use the DC voltage with in the specified range as instructed in the manual, must not connect in to 220V AC directly.
- c) Do not turn on the lamp with the packaging on.

Product Installation Guide

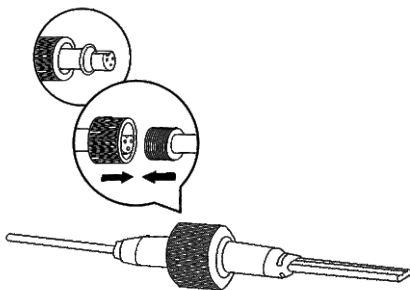
It is recommended to install the string lights vertically, maintaining a distance of 5-10 cm from the wall surface.



Securely attach each pixel light to the eave using an individual fixed base. Each pixel light must have its own dedicated fixed base.



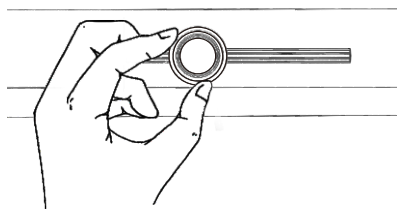
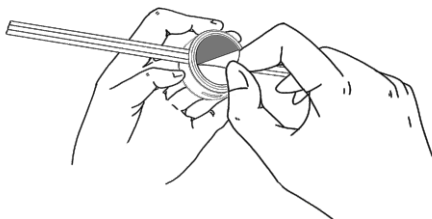
Connect the string lights to the power supply using the waterproof connector, making sure that the red washer on one of the connectors remains securely in place. Tighten the waterproof connector cap firmly to ensure a secure seal.



Installation Methods:

Adhesive Fixing

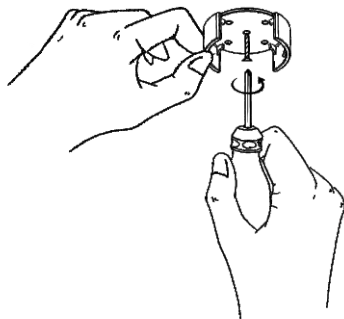
VHB tape can be utilized to secure the luminaire. First, peel off the VHB tape from the back of the luminaire. Then press it firmly onto the intended surface and hold it for a few seconds to ensure proper adhesion. This method ensures that slight movements of the power cable will not affect its normal use.



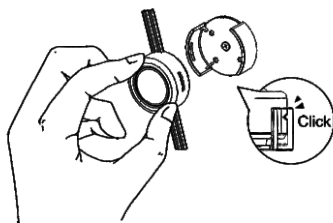
It is recommended to be used on flat and smooth surfaces such as plastic, metal, tile, glass and wood.

Screw Fixing

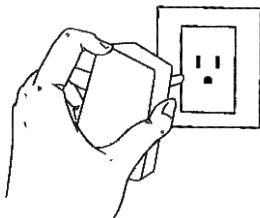
Additionally, use a screwdriver to securely fasten the mounting base to the wall.



Fully engage the retaining clips of the pixel points into the mounting base, ensuring that a slight rotation of the power cord does not affect functionality.



Finally, connect the power and enjoy your lighting effects.





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