Blutooth Mesh Smart LED Flood Light

20W/25W/30W

Data Sheet

Specification & Parameters

1.1 Dimensions

20W/25W

30W

1.2 Technical Parameters

Item name: RGBW Bluetooth mesh flood light

Power:	20W	25W	30W
Input voltage:	AC 85-265V		
Frequency:	50/60Hz		
APP name:	Mesh Lamp		
Color temperature: RGB+2700-6500K			
IP grade:	IP66		
Luminous flux:	2000lm	2500lm	3000lm
Control method: Blueooth APP IOS/Android			
Control distance: 20m			
Operation temperature: -20℃--45℃			
Material:	die-casting aluminum+tempered glass		
Power cable:	2m power plug(US, EU, UK, AU standard)		

Functions: 16 million color changing, timing, music sychronization, individual/group control up to

250 devices

Overseas IOS   Overseas Android

Operation Instructions

2.1 Turn on Bluetooth in your mobile device

2.2 Device Connection

Power on the light and then open "Mesh Lamp" APP. The APP will automatically search for lamps nearby and connect to the accessible network. The connected lamps will be displayed in the list on the home page. Click to turn on/off the lamps and long press to enter the control interface.

Individual Control

*Click to switch on/off lamp
Click the bulb icon can switch on/off lamp and get feedback of lamp status.
*Double click to localize lamps:
Double click the bulb icon and the corresponding lamp will flash 2 times. It is easy for the user to locate the position of the lamps.
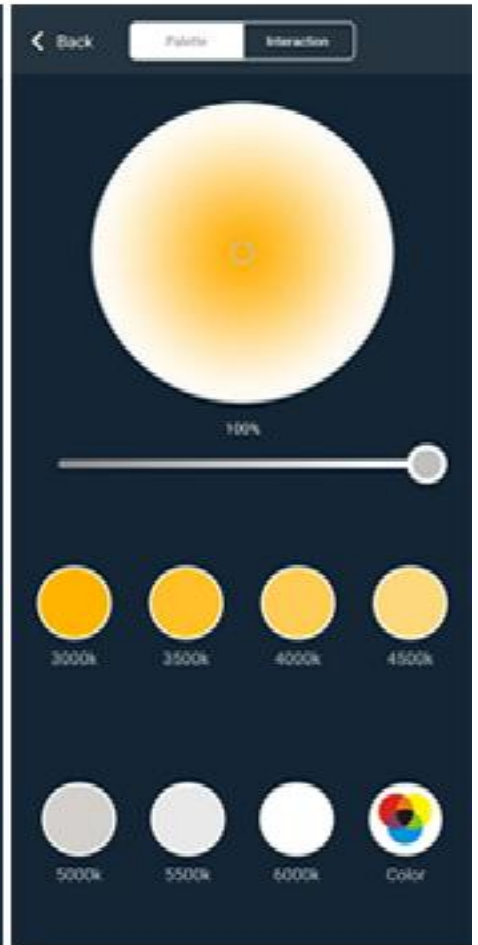*Long press to enter the control interface
Press and hold the bulb area to enter the corresponding bulb control interface, which can perform single lamp on the control interface. More comprehensive control and interaction.
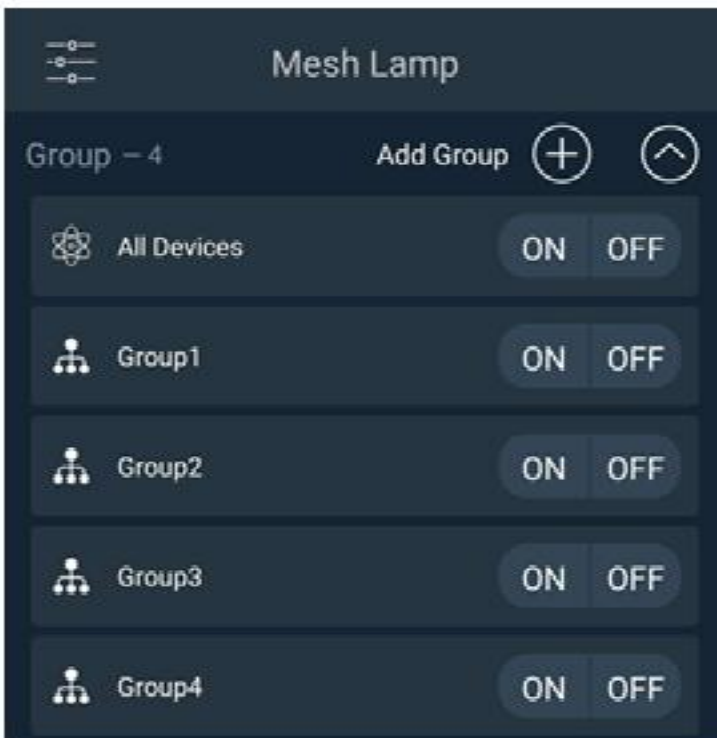
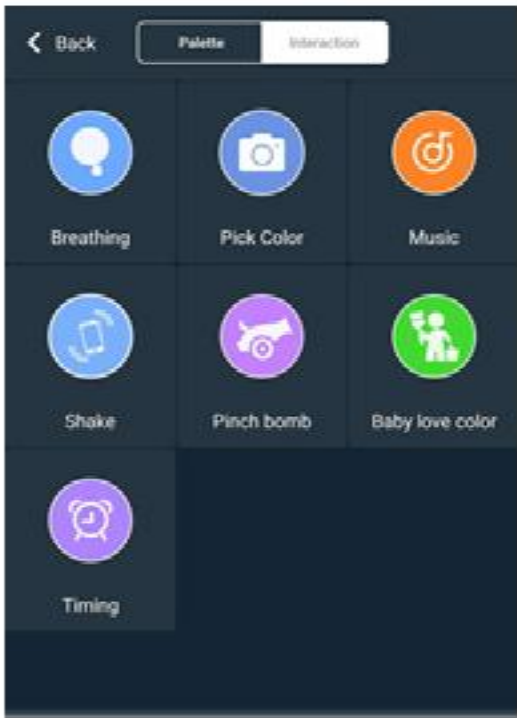individual control   RGB Control Panel   White Color Control Panel

Group Control

*The effective Bluetooth signal transmission distance between devices is 10-20 meters.

*The wireless Bluetooth mesh connection can be made between each device.
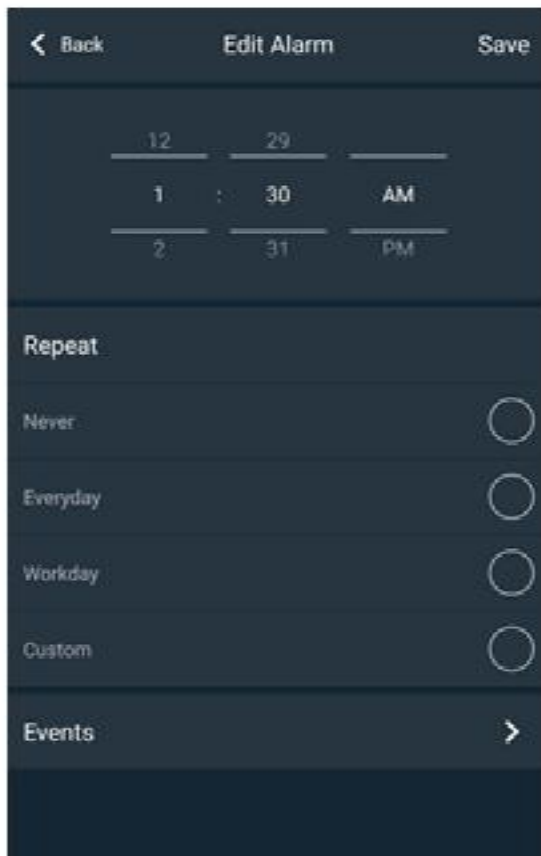
*A family can support up to 250 devices at the same time.

Interaction Interface

*Multiple dynamic modes and entertainment experiences

DIY Group

*Modify device name

Timing

* The lamps will turn on or turn off at the settled time.

Music Rhythm

* The lights will fluctuate with music rhythm.

Family Information

Add family

When you need to add a new family, click the plus button at the top right to start adding families. There are two ways for this operation: local add & add by scanning QR code.
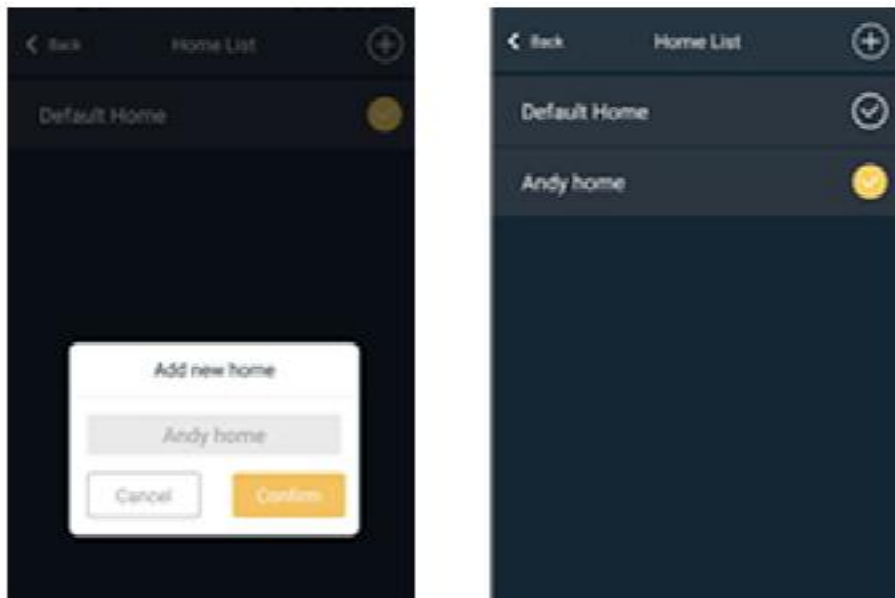
1.Local add: Choose to add a family. Name the family and click done. The family is added successfully. (Name of the family is maxium 12 characters.)

2.Add by scanning QR code: scan the home network shared by others and then the family will be added.

Add device

After the family is added, you can add devices to your family. Ensure the devices are powered on and are in the set network. The application will search the devices nearby automatically. The devices available will be in the list and can be controlled accordingly.

Delete family

When a home network is not needed, just slide this home in the list to the left and it will be deleted. The settled family and the chosen network can not be deleted. After the home is deleted, the device will not be deleted with this operation. To avoid the devices in the settled network can not be controlled after the deletion, the devices have to be reset. The methods are as follows:

1.Remove the devices one by one before deleting the family.

2.Reset the hardware by power on/off for 3 times: 2 times short and 1 time long. The steps as follows:

2.1 Power on the device for the 1st time, power off within 3 seconds, pause for 3 seconds;

2.2 Power on the device for the 2nd time, power off within 3 seconds, pause for 3 seconds;

2.3 Power on the device for the 3rd time, power off within 3-10 seconds, pause for 3 seconds;

2.4 Power on the device again. The device will flash 3 times first and then light on steadily. This means the reset is successful.

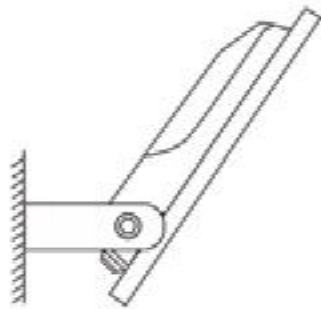If the reset fails, power on the device for more than 30 seconds and then return to the operations above again.

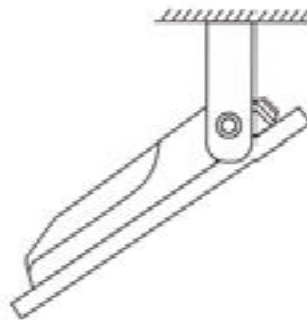## 3. Installation

Placement and installation method

Instructions before installation:

1. First, arrange all kinds of parts for supporting lamps.

2. Checking the input voltage, power and other parameters of lamp carefully before installation.

3. Please make sure the power is off before installation.

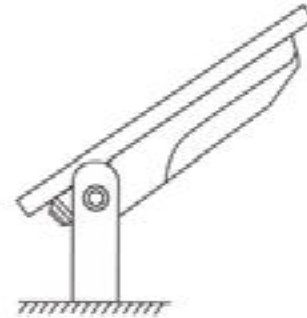4. Make sure that the core of the external power line does not leak out when wring.
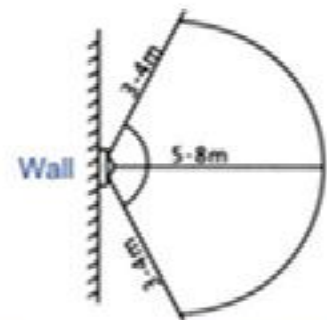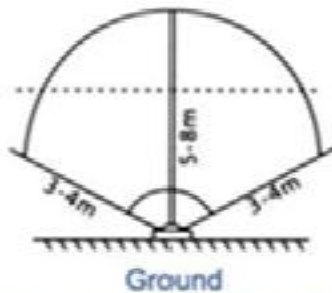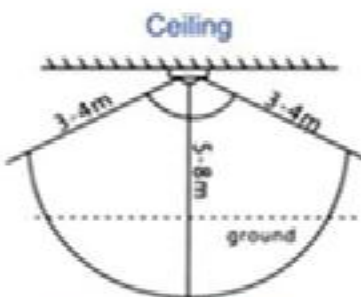
Installation Diagram

① Wall mounted　　② Ceiling cassettes　　③ Seat Type

4. Packing Information

4.1 Packing Method

1PCS/2PCS　　　　20PCS/16PCS

Packing Details	Color Box Dimension(mm)	Carton Dimension(cm)	Q'ty/Carton(PCS)	Carton Weight(kg)
20/25W(1 Pack)	195*165*48mm	40.5*25.5*35.5cm	20PCS	13.5kg
20/25W (2 Pack)	170*100*170mm	51.8*35*18.5cm	20PCS	13kg
30W(1 Pack)	199*205*106mm	42*42*45cm	16PCS	16kg

5. Applications

The flood light can be widely used indoor and outdoor as stage light and garden light.

6.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 interference 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 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:

--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.

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.