

V series
Low Voltage



Base Type : GU5.3
Input Voltage : 12V AC
LED Source : Orsam / Epistar / Nichia
Beam Angle : 40°
Total Power Consumption : 5W±10%

Smart device requirement :

To make sure the APP to operate smoothly, it is recommended to use with iPhone 4S and iPad mini and up.

APP operating system :

iOS : iOS 9.0 and above, Bluetooth version 4.0 and above.

Android : Android 4.4.4 and above, Bluetooth version 4.0 and above.



Safety & Environment Specifications

V series - Bluetooth MR16 RGBW are manufactured to conform to the following safety approbation.

Certificated Mark			EMC	LVD	ErP		REACH
Certificate Approval	△	△	△	△	△	△	△

Certificate Approval : ● : Completed △: In Progress

Specification

Part Number	LED Source	Input Voltage	Color	C.R.I. (RA)	Lightwave (nm)	Beam Angle(°)	CBCP Candela (cd)	Total Pow. +/-10%	Typical Lumens (lm)	Dimming	Power Factor (PF)	
Single Color												
MR16	Epistar Orsam	12V	3000K	80	NA	27 40 60 120	1215	5	485	APP Dimming	>0.7	
Wram White / Cool White												
MR16	Epistar Orsam	12V	3000K 6500K	80	NA	27 40 60 120	906 951	5	436 446	APP Dimming	>0.7	
R / G / B / Wram White												
MR16	Epistar Orsam	12V	3000K	80	NA	27 40 60	1120	5	410	APP Dimming	>0.7	
	Epistar	Red			600	120	NA					20
		Green	NA		553							40
		Blue			468							10
R / G / B / Wram White / Cool White												
MR16	Epistar Orsam	12V	3000K 6500K	80	NA	27 40 60	905 950	5	375 381	APP Dimming	>0.7	
	Epistar	Red			605	120	NA					15
		Green	NA		533							38
		Blue			470							11

Option 1 : Lamp base : GU5.3
Option 2 : Input Voltage : 12V AC

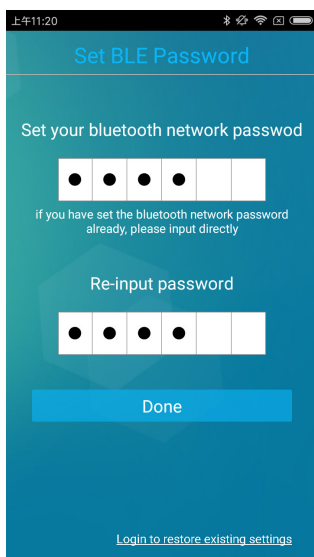
Overview of APP

Device Connection

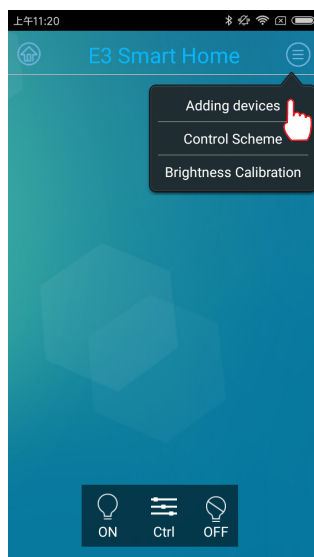
- Step 1 : Download APP based on your operating system
- Step 2 : Turn on Bluetooth
- Step 3 : Startup app. Enter password, the default password is 1234 (4 digits only)
- Step 4 : Click to ☰ Add devices
- Step 5 : Choose the device, and click OK.
- Step 6 : Click < back to the device list.



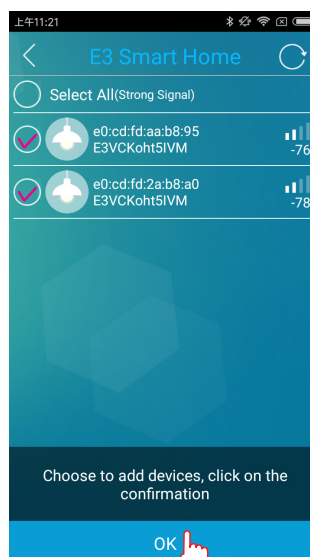
Step 3



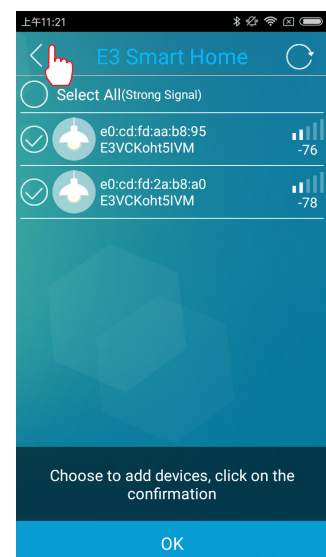
Step 4



Step 5

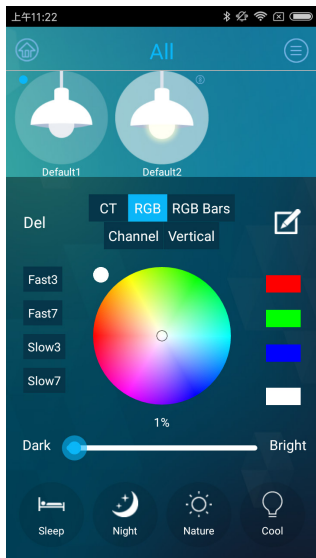


Step 6



Overview of APP

Device Control



Click the icon - device will be ON/OFF
Long press the icon to popup interface of control settingStep.



Delete : After light blinks 3 times, reset successful.



Color Temperature Control.

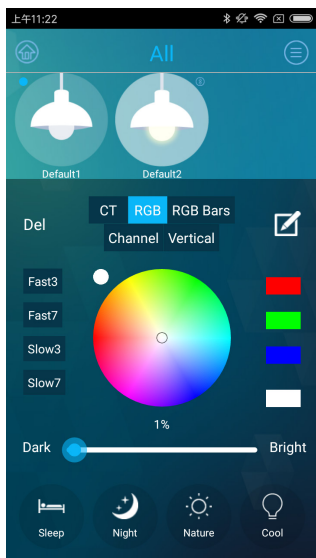


Color Control.



Control Temperature / color / RGB Scenes / Nightlight.

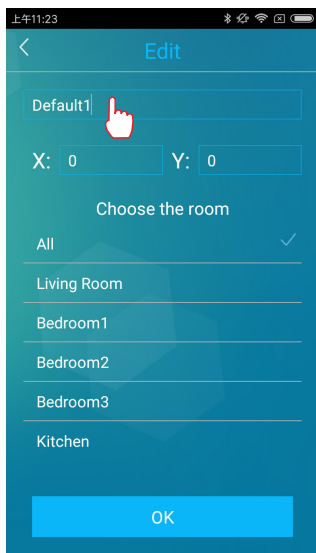
Device Setting



Long press the icon to popup interface of control setting.



Edit setting : Rename / Group Setting.

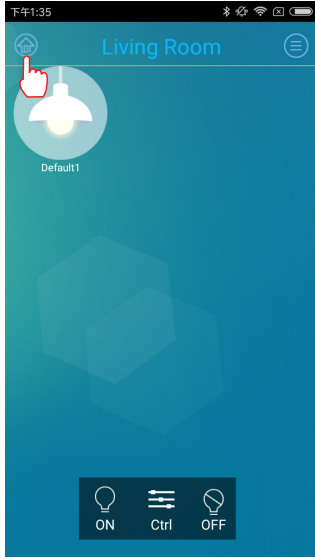


Rename—click to edit.

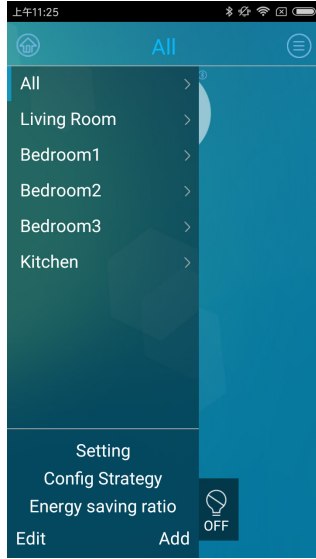
Overview of APP

Group Control

Step 1

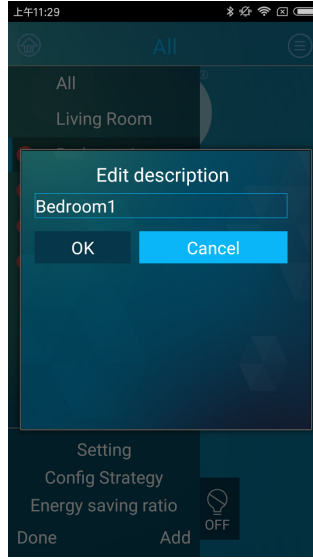


Step 2



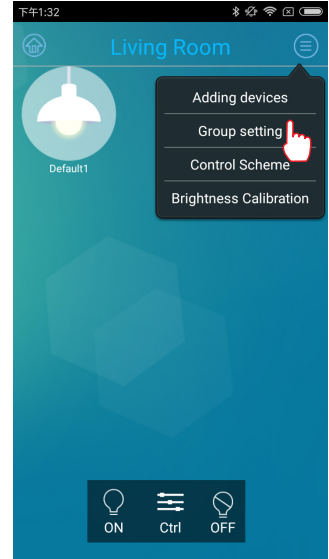
Add : Add group.
Edit : Delete group.

Step 3

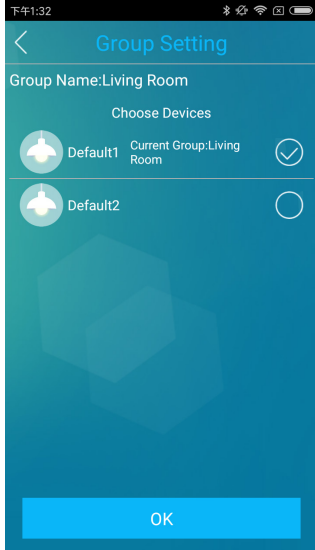


Edit group name : click name to rename.

Step 4

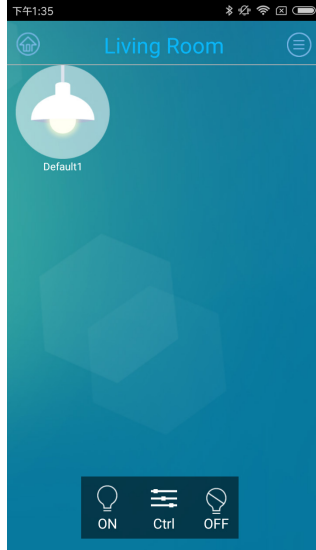


Step 5



Choose devices you want to add in the Living Room for group adding.

Step 6

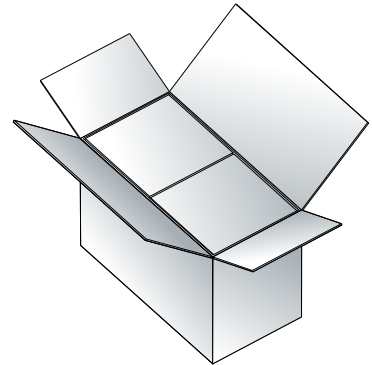
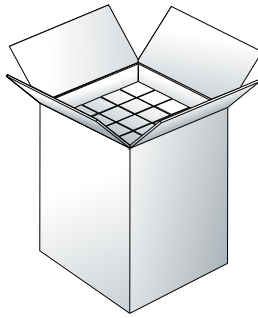
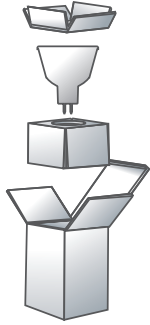


Control power.

Control all devices of group.

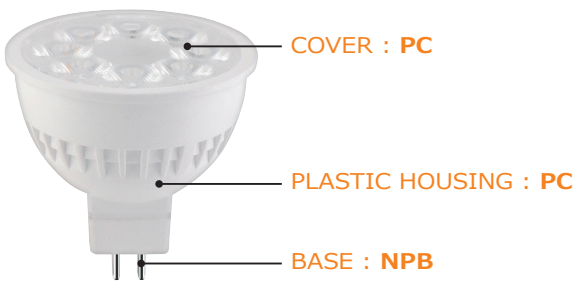
2D Drawing

Product Packing Bluetooth MR16 RGBW

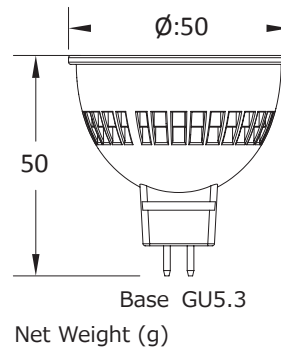


Step 1		Step 2		Step 3	
Gife Box/ White Box	1Pc of Lamp	Inner Carton	100 Boxes	Outer Carton	2 Inner Cartons (200 White Boxes)
Dimensions(mm)	L:53*W:53*H:83	Dimensions(mm)	L:285*W:285*H:385	Dimensions(mm)	L:590*W:304*H:400

Lamp body material



Dimension (mm) - Ø : 50 Net Weight (g)



Luminaire Notice

The LED Lamp is not compatible with all luminaires for halogen lamps. Before installation, please read following guidelines:

- No sealed fixtures.
- Not for outdoor fixtures.
- Not for wet environment.



No sealed fixtures



Not for outdoor fixtures

Safety Label & Warning

- Do not cover lamp with paper, fabric, or any flammable material to avoid burning.
- Working Environmental Temperature: -20 ~ +40°
- Do not insert metal objects into the gap of lamp base.
- The appropriate combination of lamp and lamp base should be carefully selected for different voltage and wattage.
- Do not use in high-humidity environment or near water to avoid damage. (Except B.L.T.C. Outdoor IP65 version)
- Not suitable for use in automatic light sensor system, emergency lighting fixture and mercury fixture to avoid damage and burning.
- Do not use near flammable objects such as gasoline, spray, chemicals, paints, oil...etc.
- Do not use in place that is likely to be impacted by force or vibration.
- Do not use in acidic environment.
- Please turn the light off when installing or cleaning to avoid electrical shock.
- Please handle with care to avoid damage and collision.
- Do not touch any powered-on lamps or lamps that have just been turned off to avoid burning.
- Please ensure the lamp is tightly installed into the socket to avoid dropping.
- Please select the appropriate fixture based on lamp size and weight.

General Guideline

- Slight difference of color temperature and brightness is likely to occur for the same part number due to the difference of LED chips.
- Brightness, color temperature, and light distribution may vary with different types of bulbs.
- To avoid heat build-up and the shortening of product lifetime, sealed fixture is not recommended.
- Keep the lamp away from radio, video and television for a distance of 1 meter to avoid noise caused by interference.
- Do not install lamp in heat insulated fixture.
- Do not disassemble or reconstruct the lamp.
- Do not stare directly at the lamp to avoid eye injury.
- The light distribution may vary with different type of fixtures.
- Do not wash the lamp with water.
- Do not use the lamp outdoor if it is not marked as IP65.
- To avoid damage and poor insulation, do not use the lamp near water or in frosted environment if it is not marked as IP65.
- For lamps with a weight significantly higher than that of the lamps for which they are a replacement, attention should be drawn to the fact that the increased weight may reduce the mechanical stability of certain luminaires and lampholders and may impair contact making and lamp retention.

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.

Caution: 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.