



GLEDOPTO

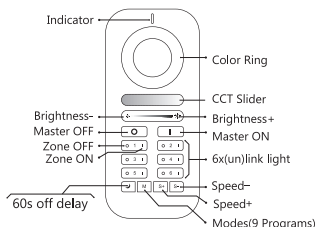
INDOOR PRODUCT PRO

User Instruction



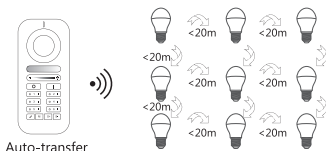
RGB+CCT Remote Control (GL-RC-006Z)

This manual describes RGB+CCT remote control used for our RGB+CCT products. Remote control can control the LED lights up to six different Zones, change the color, dim/brighten the lights, warm/cool white, different programs. In this manual, you will learn.



Battery Installation

Please take the remote control and carefully press the battery cover and push it away in a downward motion. Install two AAA batteries, exactly match the negative (-) pole of each battery to the largest spring. Don't touch the color ring when you install the batteries. Place the battery cover back and install tightly.



How to link & use with remote control

1. Within 3 seconds after the light power on, click the "on" button in the group to perform code matching. The LED light turns green means successful code matching.
2. Long presses the "off" button of the remote control to enter the night mode, and the brightness and color can still be adjusted at this time.
3. Long presses the small moon key to enter the 60 seconds delay shutdown state.
4. Short press M key to switch modes.

How to unlink

1. If the LED connected to ZigBee hub, short press 5 times the key "ON" of remote within 3 seconds after the light powered on, and the LED will blink 3 times under existing color.
2. If the LED not connected to ZigBee hub, short press 5 times the key "ON" of remote within 3 seconds after the light powered on, and the LED will blink 3 times until fully bright.

Mode description

Mode 1: Static warm light (warm light alone)

Mode 2: Static white light (cold light and warm light are equally bright)

Mode 3: Static cold light (cold light alone)

Mode 4: Static red light

Mode 5: Static green light

Mode 6: Static blue light

Mode 7: RGB fade in fade out (Color fade in fade out from red to green, then to blue, then to red, and so on, speed adjustable.)

Mode 8: RGB flash (Color flash from red to green, then to blue, then to red, and so on, speed adjustable.)

Mode 9: Color breathing (In this mode, the brightness of current color will cycle from from 100%-0%, then from 0%-100%. At the same time, you can switch the color and have a cycle repeatedly. Pressing switch /mode button to exit this mode.)

How to link & use with zigbee hub

These devices works with many ZigBee 3.0 Gateways like Philips Hue, Amazon Echo Plus or SmartThings.

Installation:

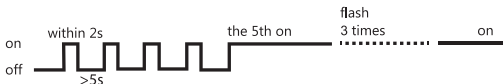
1. Turn off the Power.
2. Plug in the Bulb.
3. Now you can connect it with the gateway.

Connection with Gateway:

1. Start the device searching on the ZigBee 3.0 Gateway, it could take some time. If the Gateway does not find the device, plug power off/on or make a reset.
2. After finding the device, the light will turn green, then you can save it to the rooms/groups.
3. Now you can use the device.

Reset:

1. Switch on your device.
2. Now switch off within 2 seconds.
3. Wait for more than 5 seconds.
4. Repeat off/on five times.
5. Reset is done when the device is switched on in the fifth time and the LED light will flash for 3 times.



Compatible 2.4G RF Remote Control



GL-RC-006Z



GL-RC-009



GL-W-001Z

Compatible with gateway

The product works with many ZigBee 3.0 Gateways like Philips Hue, Amazon Echo Plus or SmartThings.



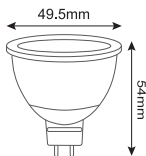
Compability Chart

Gateways Item	Philips Hue ①	Amazon Echo Plus ②	Smart Things ③	Conbee ④	Homey ⑤	Homee ⑥
RGB	Yes	Yes	Yes	Yes	Yes	Yes
CCT	Yes	Yes	Yes	Yes	Yes	NO
BRIGHTNESS	Yes	Yes	Yes	Yes	Yes	Yes

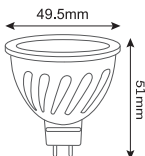


①②③④⑤ are already tested by GLEDOPTO, ⑥ are from our customers, just for your information, not verified by GLEDOPTO.

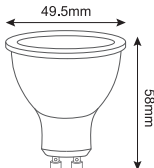
RGB+CCT Spotlight



(GL-S-004P)



(GL-S-014P)



(GL-S-006P)

Parameter

Product model	GL-S-014P	GL-S-006P
Input voltage	AC/DC 12~24V(MR16)	AC100~240V(GU10)
Power	5W	
Luminous Flux	250~300LM	400~500LM
Color temperature	2200~6500K	
Beam angle	30°/120°	
Housing	Aluminum+Plastic	
Working Temp	-20°C~45°C	
CRI	>80	
LED Quantity	1.5W RGB 3030 2pcs 1.0W Cold White 3030 4pcs; 1.0W Warm White 3030 4pcs	

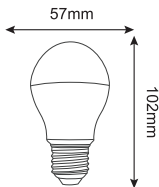
Features:

1. Compatible with ZIGBEE hub,APP control,Voice control.
2. Wireless 6-Zone touch remote control,control distance at least 20 meters.
3. 16 million colors change,dimmable from 1% to 100%.
4. Color temperature from 2200K to 6500K.
5. Saturation control——White and RGB.
6. 60s off delay.

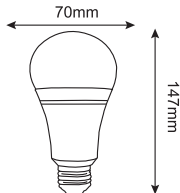
Attention:

1. Link the lightbulb with the remote control or the smart phone App before use.
2. Make sure the voltage is between AC100~240V or AD/DC12V.
3. Avoid using under high temperature or moisture.
4. Make sure the power is off before intallation.

RGB+CCT Bulb



(GL-B-007P)



(GL-B-008P)

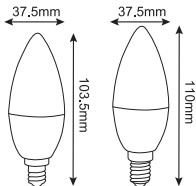
Parameter

Power:6W
Baes:E27/E26/B22
Input Voltage:AC 100~240V
Color temperature:2200-6500K
Luminous Flux:500-550LM
Light Efficiency:90LM/W
Life span:50000h
Working Temp: -20°C~45°C
Material:Aluminum housing+PC Cover

Power:12W
Baes:E27/E26
Input Voltage:AC 100~240V
Color temperature:2200-6500K
Luminous Flux:900-1100LM
Light Efficiency:90LM/W
Life span:50000h
Working Temp: -20°C~45°C
Material:Aluminum housing

Parameter

Power:4W
CRI:>80
PF:>0.5
Lifespan:50000 hours
Input voltage : AC100~240V
Color temperature:2200~6500K
Luminous Flux : 250~300LM
Working Temp : -20°C~45°C
Housing : Plastic + Aluminum
Size : $\Phi 37.5 \times 103.5\text{mm}$ (E12)
 $\Phi 37.5 \times 110\text{mm}$ (E14)

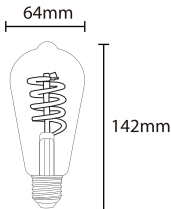


E12

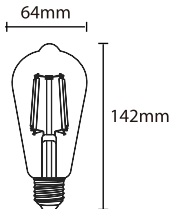
E14

(GL-B-001P)

LED Filament Bulb



(GL-B-002P(S))
Whirl type



(GL-B-002P)
Straight type

Parameter

Power: 7W

Shape: ST64

Model: GL-B-002P(S)

Size: $\Phi 64 \times 142 \text{mm}$

N.W.: 47.0g

G.W.: 89.4g

Input Voltage: AC 220~240V

Input Current: 60mA Max 50Hz

Color Temperature: 1800k~6500k

Luminous Flux: 520LM~680LM

Working Temp: $-20^{\circ}\text{C} \sim 45^{\circ}\text{C}$

Zigbee Distance: >50m

RF Distance: >30m

CRI: >80

Material: Aluminum+Glass

Parameter

Power: 7W

Shape: ST64

Model: GL-B-002P

Size: $\Phi 64 \times 142 \text{mm}$

N.W.: 45.3g

G.W.: 87.7g

Input Voltage: AC 220~240V

Input Current: 60mA Max 50Hz

Color Temperature: 2200k~6500k

Luminous Flux: 800LM

Working Temp: $-20^{\circ}\text{C} \sim 45^{\circ}\text{C}$

Zigbee Distance: >50m

RF Distance: >30m

CRI: >80

Material: Aluminum+Glass

Parameter

Power: 7W

Shape: A60

Model: GL-B-003P(S)

Size: $\Phi 60 \times 105 \text{mm}$

N.W.: 37.4g

G.W.: 68.6g

Input Voltage: AC 220~240V

Input Current: 60mA Max 50Hz

Color Temperature: 1800k~6500k

Luminous Flux: 520LM~680LM

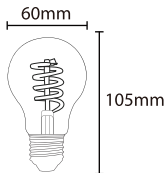
Working Temp: $-20^{\circ}\text{C} \sim 45^{\circ}\text{C}$

Zigbee Distance: $>50\text{m}$

RF Distance: $>30\text{m}$

CRI: >80

Material: Aluminum+Glass



(GL-B-003P(S))
Whirl type

Parameter

Power: 7W

Shape: A60

Model: GL-B-003P

Size: $\Phi 60 \times 105 \text{mm}$

N.W.: 35.7g

G.W.: 66.9g

Input Voltage: AC 220~240V

Input Current: 60mA Max 50Hz

Color Temperature: 2200k~6500k

Luminous Flux: 800LM

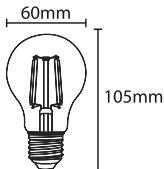
Working Temp: $-20^{\circ}\text{C} \sim 45^{\circ}\text{C}$

Zigbee Distance: $>50\text{m}$

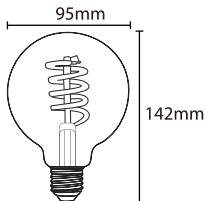
RF Distance: $>30\text{m}$

CRI: >80

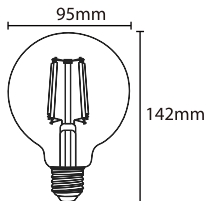
Material: Aluminum+Glass



(GL-B-003P)
Straight type



(GL-B-004P(S))
Whirl type



(GL-B-004P)
Straight type

Parameter

Power: 7W
 Shape: G95
 Model: GL-B-004P(S)
 Size: $\Phi 95 \times 142 \text{mm}$
 N.W.: 61.2g
 G.W.: 119.0g
 Input Voltage: AC 220~240V
 Input Current: 60mA Max 50Hz
 Color Temperature: 1800k~6500k
 Luminous Flux: 520LM~680LM
 Working Temp: $-20^{\circ}\text{C} \sim 45^{\circ}\text{C}$
 Zigbee Distance: >50m
 RF Distance: >30m
 CRI: >80
 Material: Aluminum+Glass

Parameter

Power: 7W
 Shape: G95
 Model: GL-B-004P
 Size: $\Phi 95 \times 142 \text{mm}$
 N.W.: 59.5g
 G.W.: 117.3g
 Input Voltage: AC 220~240V
 Input Current: 60mA Max 50Hz
 Color Temperature: 2200k~6500k
 Luminous Flux: 800LM
 Working Temp: $-20^{\circ}\text{C} \sim 45^{\circ}\text{C}$
 Zigbee Distance: >50m
 RF Distance: >30m
 CRI: >80
 Material: Aluminum+Glass

Power on status:

Power on and off for 3 times and the light will flash for 2 times, then the light will remember the on/ off status. Repeat the operation again to cancel this function, the light will be on by default when powered on.

This function only applies to Filament Bulb.



1. Please check whether the input voltage of the constant voltage power supply is in accordance with the Lamps, and please check the connection of both the cathode and anode.
2. Use the product at rated voltage, over voltage usage will cause the damage.
3. Non-professional user cannot dismantle the Lamps directly, otherwise, it may cause fire and electric shock.
4. The working temperature is -20~45°C; Do not use the device to direct sunlight, moist and other high temperature area.
5. Please do not use Lamps around the mental area and high magnetic field, otherwise, it will badly affect the Use effect.

Disclaimers

- * This manual may contain inaccuracies or discrepancies of the product operations, or typographical errors. Our company will update the contents of this manual according to the improvements and changes of product functions, and regularly improve and update the software and hardware of products described in this manual. The updates will be shown in the latest edition of this manual without further notice.
- * Due to the continuous adoption of new technologies by our company, the product parameters will be changed without any notice in prior.
- * This manual is only for reference and guidance for customers. It does not guarantee that it is completely consistent with the actual product. The actual application is subject to the actual product.
- * The parts, components and accessories mentioned in this manual do not represent the standard configuration of the product. The detailed configuration is subject to the packing list.
- * All texts, tables and pictures in this manual are protected by the relevant national laws, and may not be used without permission by supplier.
- * The copyright and right of the final interpretation of this manual are reserved by our company.