GLEDOPTO

Our products are sold all over the world

Product Introduction
—— GLEDOPTO

GLEDOPTO CO., LTD

深圳市格乐德科技有限公司
GLEDOPTO CO., LTD

About Gledopto

GLEDOPTO CO.,LTD devotes itself to developing new products with new idea or new technology. We always follow the tenet of "good faith cooperation to create a win-win situation",and insist on "good quality is our responsibility to customers, good quality is the only sustainable condition" to provide customers with first-class products, first-class technical support and first-class service.

GLEDOPTO CO.,LTD is a manufacturer specializing in the research, development and production of LED lights, which has two LED business groups.

One is Traditional LED Business Group (TLBG) located in Zhongshan since 2005.Our LED lighting products mainly include: LED tubes, LED spotlights, LED bulbs, LED strips indoor and outdoor, LED bars indoor and outdoor, LED modules indoor and outdoor, LED bulb, and so on. Our products have been exported to Europe, North America, Southeast Asia, Middle East, etc. Our products have CE certification and RoHs compliance for Europe market, and PSE for Japan market, C-tick for Australia market, etc.

The other is Smart LED Business Group (SLBG) located in Shenzhen since 2010. Innovation is the aim of our work.. We make our traditional LED products reborn with our new RF remote control technology and rich LED experience. There are four stages for Intelligent LED products.

Stage 1: 433.92Hz RF LED strip controller.
Main Features: Touch control, long remote control range.

Stage 2: 2.4GHz RF LED controller, CCT LED bulb, RGB LED bulb, Panel light, Flood light, etc
Main Features: Excellent synchronization, Variety ,Touch screen control.

Stage 3: Smart phone-control LED products. Wifi LED strip controller, Wifi LED bulb, Wifi LED downlights,wallmounted controller etc

Stage 4: Bluetooth RGB+dual white,RGBW,RGB indoor and outdoor seires. Bluetooth LED strip controller, Bluetooth LED bulb, Bluetooth LED garden lamp,flood light,etc.

Stage 5: 2.4G/RF RGB+W collection with 8-zone remote control; RGB+CCT collection with 6-zone remote control. Besides, we have a new try on Zigbee light link collection that are compatible with philps hue,Osram and Ikea,etc. We give more options to our customers from a closed circle to a open platform. Will improve and better our user experience.

Main Features: Smart phone-control, remote control through internet, control system.

CONTENTS

INDOOR PRODUCTS

RGBW Remote control   RGB+CCT Remote control

RGB+CCT Panel Remote control   RGBW Panel Remote control   RGBW Panel Remote control

RGB+CCT LED Controller   RGB LED Controller   RGBW LED Controller

WW/CW LED Controller   LED Dimmer

ZLL Version Available   RGBW GU10   RGB+CCT GU10

4W Spotlight
P15-18

ZLL Version Available

RGBW GU10

RGBW MR16

LED Bulb
P19-22

ZLL Version Available

RGBW LED Bulb(R60)

RGBW LED Bulb(R80)

OUTDOOR PRODUCTS

Garden lamp
P23-24

ZLL Version Available

Garden lamp

Garden lamp

Flood light
P27-34

ZLL Version Available

10W Flood light

20W Flood light

30W Flood light

New 50W Flood light

50W Flood light
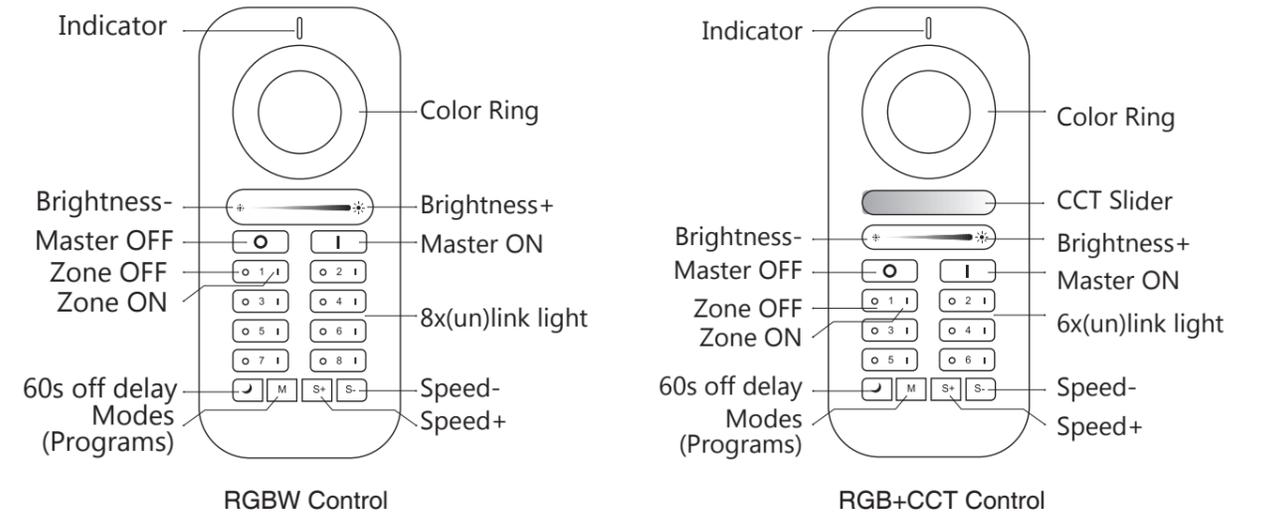
90W Flood light

190W Flood light

INDOOR
PRODUCTS

RGBW RGB+CCT
Remote control

SATURATION CONTROL
6/8-ZONE CONTROL
60S OFF DELAY

NEW

CE ✓ RoHS

RGBW Control

Indicator — Color Ring — Brightness- / Brightness+ — Master OFF / Master ON — Zone OFF / Zone ON — 8x(un)link light — 60s off delay — Modes (Programs) — Speed- / Speed+

RGB+CCT Control

Indicator — Color Ring — CCT Slider — Brightness- / Brightness+ — Master OFF / Master ON — Zone OFF / Zone ON — 6x(un)link light — 60s off delay — Modes (Programs) — Speed- / Speed+

Parameter

1 / Size:18x55x130mm
2 / Input Voltage: 3V(2*AAA Battery)
3 / Programs:9 kinds
4 / Material:PC

5 / Transmitting Power:6dB
6 / Modulation Method:GFSK
7 / Standby power:15μA
8 / Working Temp:-20°C~60°C

9 / Max control Range:100 feet (30m)
10 / RF Frequency:2.4GHz
11 / Warranty:2Years

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.

Auto-transfer   Auto-sync   Auto-transfer   Auto-sync

Saturation control——White and RGB CO-exist(For RGBW only)

Long press M button,go to Saturation mode, r/g/b/w co-exsit, you can choose any color,and change the brightness of white.

Saturation control——White and RGB CO-exist

Long press M button,go to Saturation mode, r/g/b/c/w co-exsit, you can choose any color,and change the brightness/color-temperature of white.
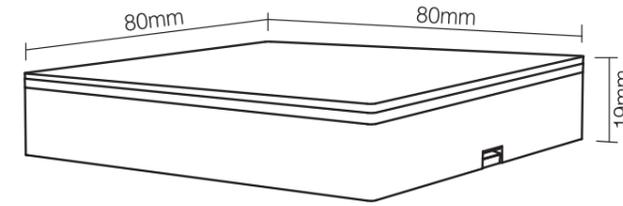
Link / Unlink

Link: First power off, then power on, within 3 seconds touch any of the Zone ' | ' button 3 times shortly, the link is done when you see the light blinks 3 times,otherwise try again later.

Unlink: First power off , then power on , within 3 seconds touch the linked Zone' | 'button or the Master ' | ' button 5 times shortly , the unlink is done when you see the light blinks 9 times, otherwise try again later.

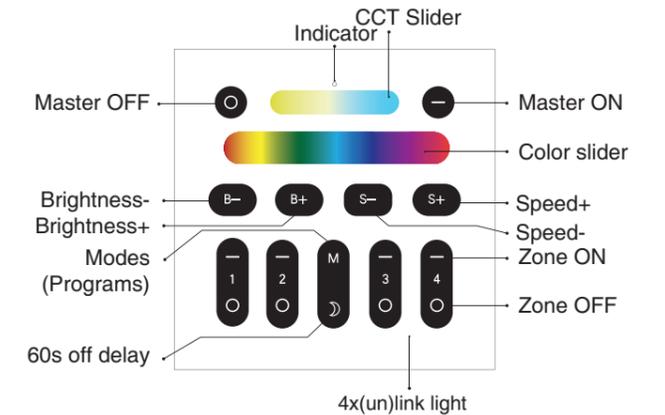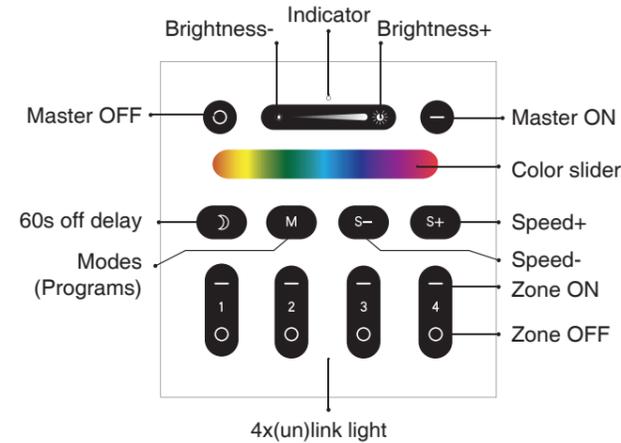## RGBW RGB+CCT
Panel Remote Controller
(Battery powered verison)

{ 60s off delay
Saturation mode }

80mm | **80mm**

19mm

Parameter
1 / Size: 80x80x19mm
2 / Working Temperature: -20~60°C
3 / Input Voltage: 3V(2*AAA Battery)
4 / Radio Frequency: 2400-2483.5MHz

5 / Modulation Method: GFSK
6 / Transmitting Power: 6dBm
7 / Control Distance: 30m
8 / Standby Power: 15uA

Brightness- Indicator Brightness+
Master OFF — Master ON
Color slider
60s off delay
Modes (Programs) — Speed+
Speed-
Zone ON
Zone OFF
4x(un)link light

CCT Slider
Indicator
Master OFF — Master ON
Color slider
Brightness- Brightness+ — Speed+
Speed-
Modes (Programs) — Zone ON
60s off delay — Zone OFF
4x(un)link light

Link / Unlink
Link: First power off, then power on, within 3 seconds touch any of the Zone (-)button 3 times shortly, the link is done when you see the light blinks 3 times,otherwise try again later.
Unlink: First power off , then power on , within 3 seconds touch the linked Zone(-)button or the Master (-) button 5 times shortly , the unlink is done when you see the light blinks 9 times, otherwise try again later.

Progarms(RGBW)
• **Program 1 (Fade in and fade out)**
Seven colors fade into each other.
• **Program 2 (Strobe white)**
Just white color Flashes up.
• **Program 3 (Color Flash)**
In this program,red,green,blue,yellow,purple,light blue,white Flashes to change.
• **Programs 4 (RGBW fade in fade out)**
This program fades in and fades out the color red,green,blue and white one after another.
• **Programs 5 (Disco)**
Different colors strobe and Flash to change randomly.
• **Programs 6 (Red light SOS mode)**
In the program,red color brightens from 0%-100% and shuts down, the Flashes three times.
• **Programs 7 (Green light SOS mode)**
In the program,green color brightens from 0%-100% and shuts down, the Flashes three times.
• **Programs 8 (Blue light SOS mode)**
In the program,blue color brightens from 0%-100% and shuts down, the Flashes three times.
• **Programs 9 (All in one)**
all the above 8 modes perform one afer another.

Progarms(RGB+CCT)
• **Program 1 (Fade in and fade out)**
Seven colors fade into each other.
• **Program 2 (Strobe white)**
warm white and cool white color Flashes up.
• **Program 3 (Color Flash)**
In this program,red,green,blue,yellow,purple,light blue,warm white and cool white Flashes to change.
• **Programs 4 (RGBW fade in fade out)**
This program fades in and fades out the color red,green,blue ,warm white and cool white one after another.
• **Programs 5 (Disco)**
Different colors strobe and Flash to change randomly.
• **Programs 6 (Red light SOS mode)**
In the program,red color brightens from 0%-100% and shuts down, the Flashes three times.
• **Programs 7 (Green light SOS mode)**
In the program,green color brightens from 0%-100% and shuts down, the lashes three times.
• **Programs 8 (Blue light SOS mode)**
In the program,blue color brightens from 0%-100% and shuts down, the Flashes three times.
• **Programs 9 (All in one)**
all the above 8 modes perform one afer another.

Smart Panel Remote Controller is a newly developed remote controller. This Panel remote controller is designed by a delicate and fashionable tempered glass panel; And we adopt a high precision Capacitive touch screen IC. Touch Screen is very stable;2.4GHz high RF wireless control with long distance controlling, low power consumption and high speed transmitting rate.This product widely work on our smart LED Lighting, LED Controller and Smart panel controller, etc.

2.4G RF WALL TOUCH PANEL REMOTE
WITH 4-ZONE REMOTE CONTROL

80mm

80mm

39mm

Smart Panel Remote Controller is a newly developed remote controller. This Panel remote controller is designed by a delicate and fashionable tempered glass panel; And we adopt a high precision Capacitive touch screen IC. Touch Screen is very stable;2.4GHz high RF wireless control with long distance controlling, low power consumption and high speed transmitting rate.This product widely work on our smart LED Lighting, LED Controller and Smart panel controller, etc.
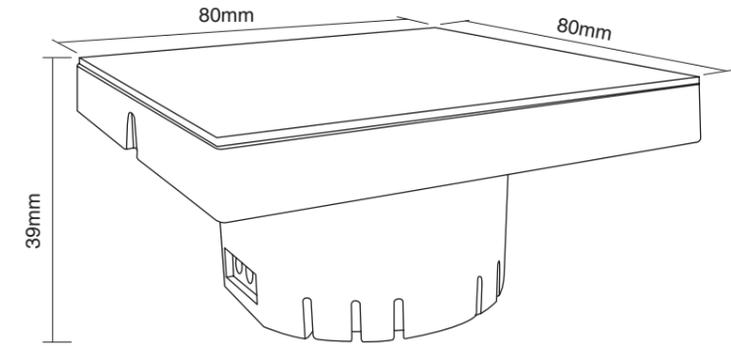
Parameter

1 / Operating Voltage Range: 100~240 VAC
2 / Standby power: <0.1W
3 / Operating Temperature Range: -20~60°
4 / Maximum control Range: 100 feet (30m)
5 / RF Operating Frequency: 2.4GHz

6 / Surface material: Glass
7 / Body Material: PC
8 / Dimensions: 80X80X39mm
9 / Warranty: 2years
10 / Indoor use only

Function

1. Master On(–)/Off(O)
Acts as a master On(-)/Off(O) control for all paired RGB(W) lights. Also activates the "Master"function, which allows the remote to control the RGB(W) lights of all zones. If a zone is currently active, pressing the master On (-) button restores the "Master" function to the remote.

2. Selection LED Indicator
Flashes once to indicate when a command has been selected.

3. Brightness Touch Slider - Increase(Right Side)/Decrease(Left Side)
Increases(right side) or decreases(left side) the brightness level. Changing the active moderesets the brightness level to full.

4. Color Selection slider
Directly selects color on the bar. To obtain white light only, keep the "Zone On"(|)button depressed until the light changes to a steady bright white.

5. Mode Speed Increase(S+)/Decrease(S-)
Increases (S+)/decreases(S-) the tempo of the mode pattern currently active.

6. Mode Start/Scroll(M)
Modes feature different color combinations, light transitions, and patterns, with 9 distinct modes.This button initiates the Mode function and scrolls through the modes in ascending order.

7. Zone On(|)/Off(O) - Zones 1-4
Allows up to four "zones" (i.e. channels) of RGBW lights to be separately paired,and controlledby the remote. Pressing one of the Zone On(|) buttons activates that zone; commands will affectonly lights in that zone. Once paired to a zone, lights remain paired until they are unpaired.Steadily depressing the Zone On(|) button restores the lights in that zone to white.

Link / Unlink

Pairing a Light to the Remote
1. Switch off the main power supply to the light.
2. Restore power and within 3 seconds, choosing one of the "Zone On" (|) buttons, depress the button. It will Flash white 3 times, indicating that the light is now paired to that numbered zone and can be controlled via the remote.

Activating a Zone
To activate a specific zone, depress the "Zone On" (|) button. The zone is now active and remote commands will only affect lights paired to that zone.
Unpairing a Light to the Remote
1. Switch off the main power supply to the light.
2. Restore power and within 3 seconds, depress the "Zone On" (-) button until the light Flashes 10times, indicating that the light has been unpaired.
An unlimited number of RGBW lights can be paired to a zone, and all lights paired to that zone will respond to the commands entered on the wireless remote. Conversely, a single RGBW light can be paired to up to five remotes. Note: The wireless remote operates using radio frequency. The remote controller's use is not restricted by normal obstructions such as walls, doors, etc. Once paired they can be installed anywhere in range of the remote (up to 100 ft. or 30m)

2.4G Wireless RGB+CCT LED Controller
Input Voltage: DC12-24 V
Ouput Current/Channel: 6 A max.
Total Output Current: 15 A max.
Operating Temperature: -20 to +60°C
Common Anode
Constant Voltage
CE RoHS IP20

2.4G Wireless RGBW LED Controller
Input Voltage: DC12-24 V
Ouput Current/Channel: 6 A max.
Total Output Current: 15 A max.
Operating Temperature: -20 to +60°C
Common Anode
Constant Voltage
CE RoHS IP20

2.4G Wireless RGB LED Controller
Input Voltage: DC12-24 V
Ouput Current/Channel: 6 A max.
Total Output Current: 15 A max.
Operating Temperature: -20 to +60°C
Common Anode
Constant Voltage
CE RoHS IP20

2.4G Wireless WW/CW LED Controller
Input Voltage: DC12-24 V
Ouput Current/Channel: 6 A max.
Total Output Current: 15 A max.
Operating Temperature: -20 to +60°C
Common Anode
Constant Voltage
CE RoHS IP20

2.4G Wireless LED Dimmer
Input Voltage: DC12-24 V
Ouput Current/Channel: 6 A max.
Total Output Current: 15 A max.
Operating Temperature: -20 to +60°C
Common Anode
Constant Voltage
CE RoHS IP20

RGB+CCT Controller   RGB Controller   RGBW Controller   WW/CW Controller   LED Dimmer

Parameter

1 / Size: 23.5x48x89mm
2 / Input Voltage: DC12-24 V
3 / Ouput Current/Channel: 6 A max
4 / Protection rate: IP20
5 / Total Output Current: 15 A max
6 / Operating TemperatureP: -20°C~60°C
7 / Common Anode
8 / Constant Voltage

Auto-transfer

Auto-sync

Auto-transfer

How to link:
When Switch on the lights in the zone you want to link, press zone-on button within 3 seconds,the link is done when the lights blink 3 times. The link-signal will be auto-transferred to another.
Notice:
1.In the same zone.Each light only auto-transfers and response to the different signal received last time in the same zone.
2. Auto-transfer can happen among different groups, the lights receive the signal from the lights in the different zones, only transfer the signal, don't response.
How to unlink:
When Switch on the lights in the zone you want to unlink,press zone-on button 5 times within 3 seconds, the unlink is done when the lights blink 9 times. The unlink-signal will be auto-transferred to another.

Auto-sync

Each light can transmit the signal after the specific time and auto-transfer.

LED CONTROLLER

2.4G WIRELESS

NEW FUNCTION

AUTO-TRANSFER
AUTO-SYNC

SATURATION CONTROL
60S OFF DELAY

5W GU10

• 6/8-ZONE CONTROL •

↓

NEW FUNCTION

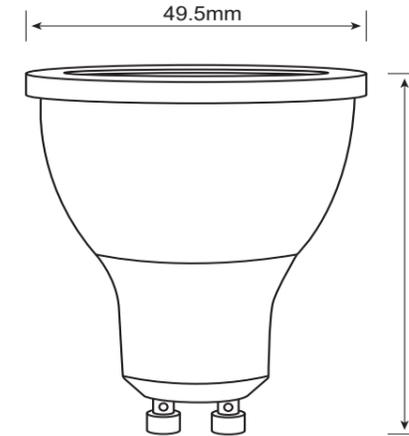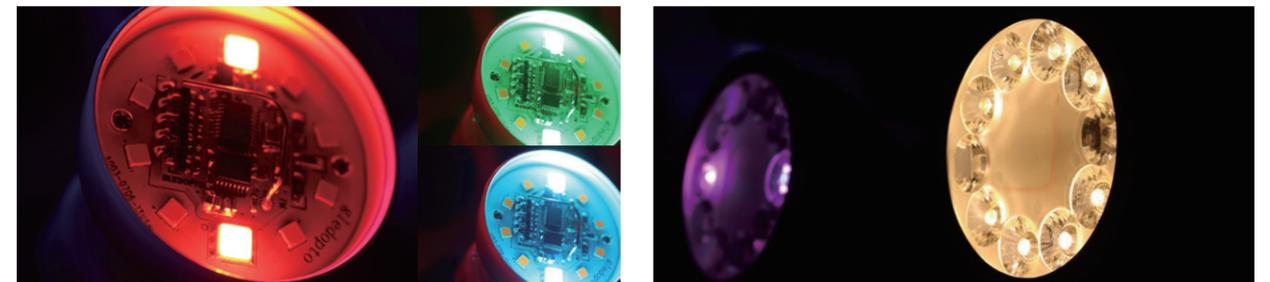| SATURATION CONTROL | AUTO-TRANSFER | AUTO-SYNC | 60S OFF DELAY |

RGBW   RGB+CCT

VIVID COLORS CHANGING   16 MILLION COLORS CHANGING   9 AUTOMATIC CHANGING PROGRAMS

49.5mm

58mm

Parameter

Size:49.5*58mm
Input voltage:AC100~240V
Color temperature:2700K~6500K
Luminous Flux:300~350LM
Beam angle:30°
Working Temp:-20°C~60°C
Radio frequency:2400-2483.5MHz
Modulation mode:GFSK
Huosing:Aluminum
LED Quantity:3.0W RGB SMD5050 2pcs
      0.5W SMD 3030 8pcs (RGBW)
      1.0W SMD 3030 8pcs (RGB+CCT)

RGBW Saturation control——White and RGB CO-exist(For RGBW only)

Long press M button,go to Saturation mode, r/g/b/w co-exsit, you can choose any color,and change the brightness of white.

RGB+CCT Saturation control——White and RGB CO-exist

Long press M button,go to Saturation mode, r/g/b/c/w co-exsit, you can choose any color,and change the brightness/color-temperature of white.

Auto-transfer

How to link:

When Switch on the lights in the zone you want to link, press zone-on button within 3 seconds,the link is done when the lights blink 3 times.The link-signal will be auto-transferred to another.

Notice:

1.In the same zone.Each light only auto-transfers and response to the different signal received last time in the same zone.

2. Auto-transfer can happen among different groups, the lights receive the signal from the lights in the different zones, only transfer the signal, don't response.

How to unlink:

When Switch on the lights in the zone you want to unlink,press zone-on button 5 times within 3 seconds, the unlink is done when the lights blink 9 times. The unlink-signal will be auto-transferred to another.

Auto-sync

Each light can transmit the signal after the specific time and auto-transfer.

50mm

55mm

GU.10
4W

WITH 8-ZONE REMOTE CONTROL
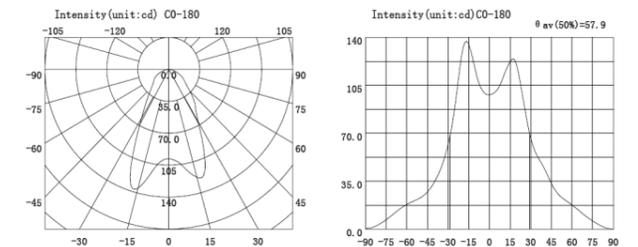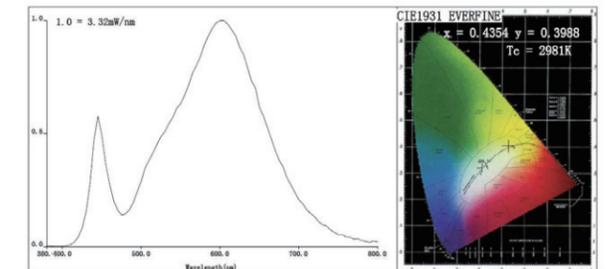**9 AUTOMATIC CHANGING PROGRAMS**
16 MILLION COLORS CHANGING
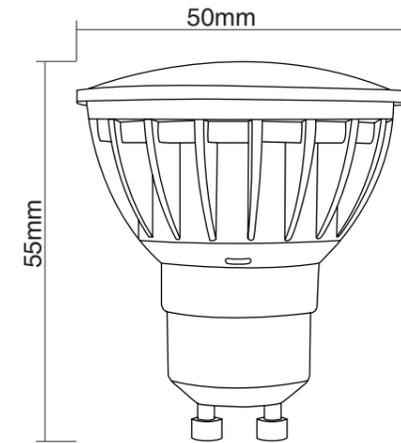
Parameter

1 / Name: 2.4G RF 4W RGBW LED Spotlight
2 / LED type: 2PCS 1.5W 5050 SMD LED
              6pcs 0.5W SMD5730
3 / Light Flux: 200-220lm
4 / Lamp Base: GU10
5 / Power Rating: 4W
6 / Input Voltage: AC100-240V
7 / CRI: Ra > 80(white)
8 / Material: Aluminum housing + PMMA LENZE
9 / Working temp: -20~60°C
10 / Life span: 50,000h
11 / Size: W50*H55mm
12 / Package: 56×56×66mm
13 / G.W.: 0.10kg
14 / Remote range: 30m
15 / Programs: 9 kinds

Features

1 / Soft start,no power peak
2 / Power off memory
3 / Easy Installation
4 / RF 2.4GHz,remote range nearly 30m
5 / Remote control through internet ,
    Compatible with wifi bridge
6 / Vivid colors changing,
   9 automatic changing programs
7 / Two years warranty,CE,RoHS

Spectrum Curve&Distribution Curve

MR16
4W·RGBW

50mm

45mm
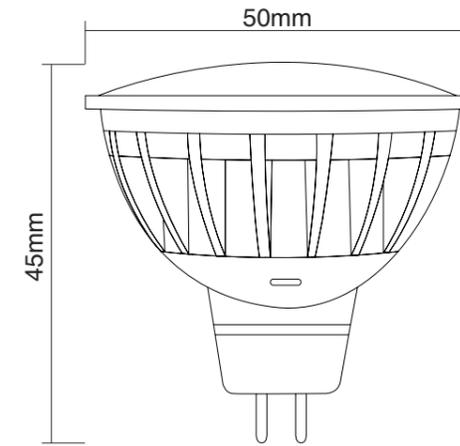
Parameter

1 / Name: 2.4G RF 4W RGBW LED Spotlight
2 / LED type: 2PCS 1.5W 5050 SMD LED
        6pcs 0.5W SMD5730
3 / Light Flux: 200-220lm
4 / Lamp Base: GU5.3
5 / Power Rating: 4W
6 / Input Voltage: AC/DC 12V
7 / CRI: Ra > 80(white)
8 / Material: Aluminium housing + PMMA LENZE
9 / Working temp: -20~60°C
10 / Life span: 50,000h
11 / Size: W50*H45mm
12 / Package: 56×56×66mm
13 / G.W.: 0.10kg
14 / Remote range: 30m
15 / Programs: 9 kinds

Features

1 / Soft start,no power peak
2 / Power off memory
3 / Easy Installation
4 / RF 2.4GHz,remote range nearly 30m
5 / Remote control through internet ,
    Compatible with wifi bridge
6 / Vivid colors changing,
    9 automatic changing programs
7 / Two years warranty,CE,RoHS

Spectrum Curve&Distribution Curve

**VIVID COLORS CHANGING
WITH 8-ZONE REMOTE CONTROL
9 AUTOMATIC CHANGING PROGRAMS**
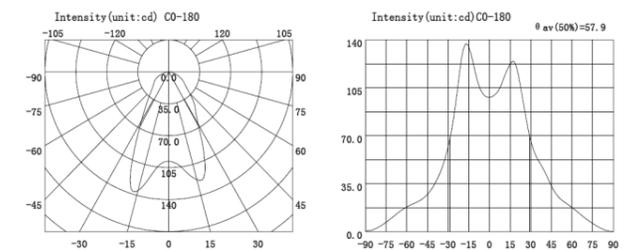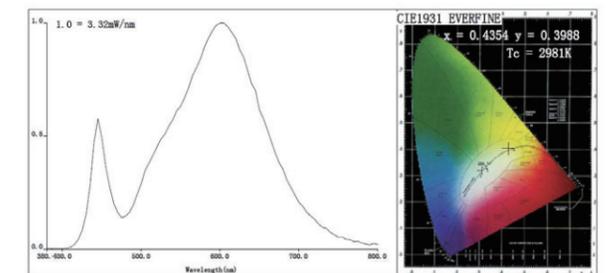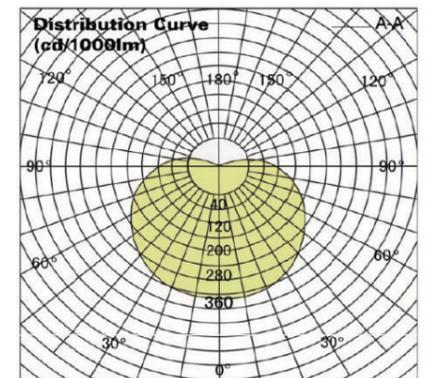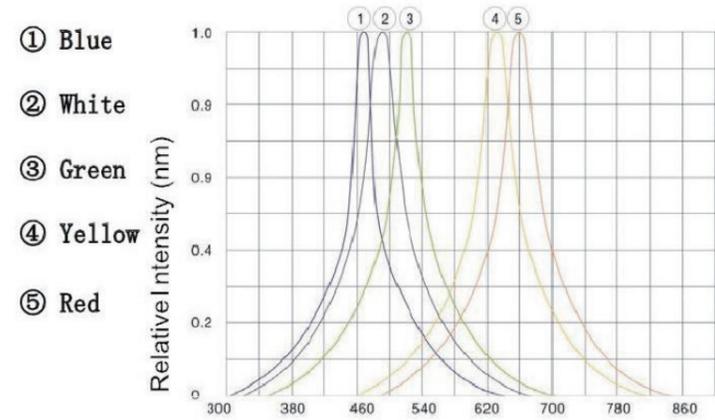
RGBW 9W BULB

**9 PROGRAMS
VIVID COLORS CHANGING
WITH 8-ZONE REMOTE CONTROL**
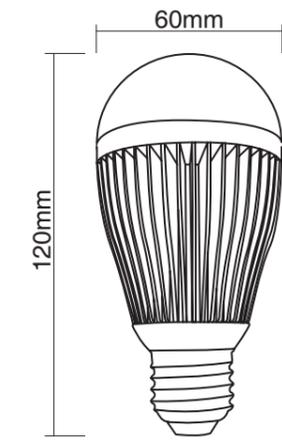
60mm

120mm

Parameter

1 / Name: 2.4G RF 9W RGBW LED Bulb
2 / LED type: 4PCS 1.5W 5050 SMD LED
            15pcs 0.5W SMD5730
3 / Base: E27/E26/B22
4 / Power Rating: 9W
5 / Cover: milky white
6 / Input Voltage: AC100-240V
7 / CRI: Ra > 80(white)

8 / Material: Aluminum housing + PC cover
9 / Working temp: -20~60°C
10 / Life span: 50,000h
11 / Size: W60*H120mm
12 / Package: 65×65×133mm
13 / G.W.: 0.16kg
14 / Remote range: 30m
15 / Programs: 9 kinds

Spectrum Curve & Distribution Curve

① Blue
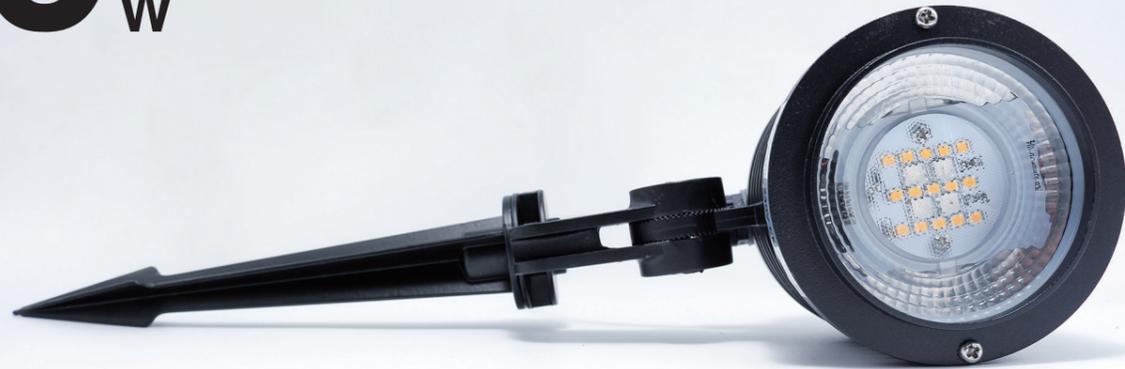② White
③ Green
④ Yellow
⑤ Red

Relative Intensity (nm)

Distribution Curve
(cd/1000lm)
A-A
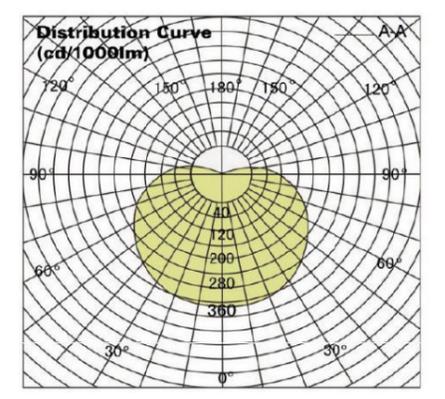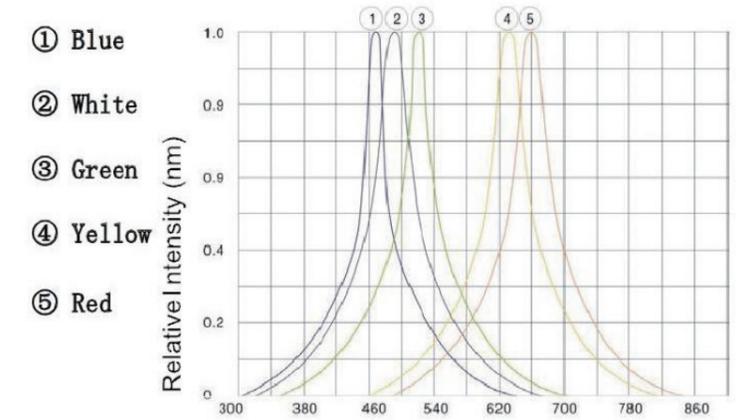
9W RGBW LED BULB

9 automatic changing programs

2.4G

WITH 8-ZONE REMOTE CONTROL
VIVID COLORS CHANGING
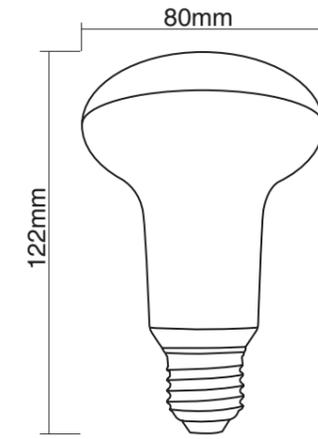
80mm

122mm

Parameter

1 / Name: 2.4G RF 9W RGBW LED Bulb
2 / LED type: 4PCS 1.5W 5050 SMD LED
          15pcs 0.5W SMD5730
3 / Base: E27/E26/B22
4 / Power Rating: 9W
5 / Cover: milky white
6 / Input Voltage: AC100-240V
7 / CRI: Ra > 80(white)

8 / Material: Aluminium housing + PC cover
9 / Working temp: -20~60℃
10 / Life span: 50,000h
11 / Size: W80*H122mm
12 / Package: 80×80×140mm
13 / G.W.: 0.16kg
14 / Remote range: 30m
15 / Programs: 9 kinds

Spectrum Curve & Distribution Curve

① Blue
② White
③ Green
④ Yellow
⑤ Red

Relative Intensity (nm)

Distribution Curve (cd/1000lm)

A-A

OUTDOOR
PRODUCTS

2.4G RF RGBW LED GARDEN LAMP
WITH 8-ZONE REMOTE CONTROL

9 W
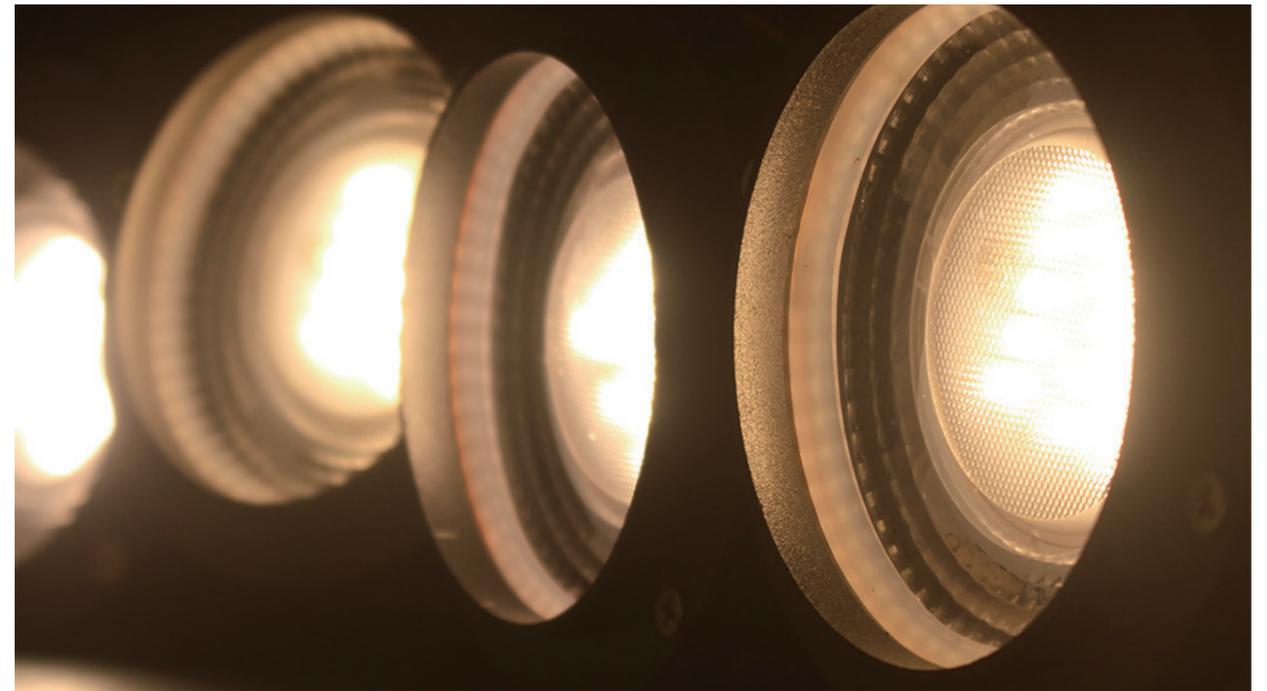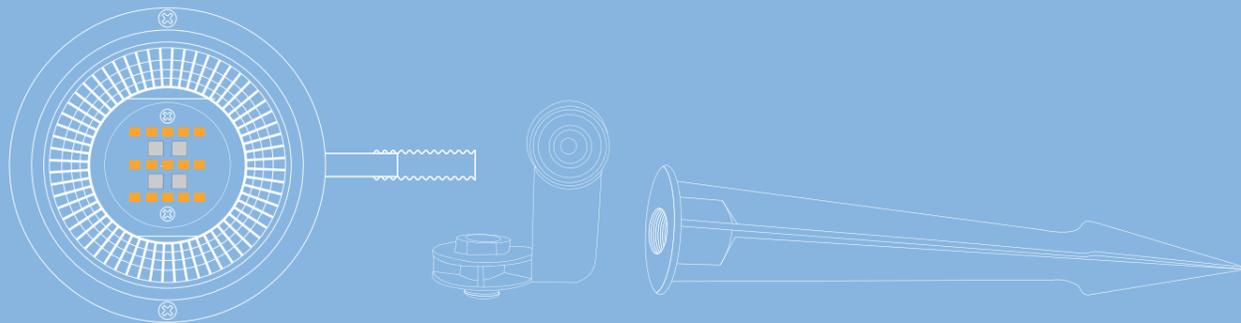
Parameter

1 / Name: 2.4G RF 9W RGBW LED Garden lamp
2 / LED type: 4PCS 1.5W 5050 SMD LED + 15pcs
           0.5W SMD2835
3 / Luminous Flux: 800-850LM
4 / Plug type: 3m long cable(IP44 EU plug /American plug)
5 / Power Rating: 9W
6 / Input Voltage: AC100-240V
7 / CRI: Ra > 80 (white)
8 / Material : Aluminium housing + PMMA LENZE
9 / Cover: Transparent
10 / Working temp: -20~60°c
11 / Life span: 50,000h
12 / Size: W105*H400mm
13 / Package: 185*175*112mm
14 / G.W.: 1.25kg
15 / Remote range: 30m
16 / Programs: 9 kinds
17 / Beam angle: 60°

Die-casting housing
Cap
Lenz
Rubber cable
Adjustable angle
Sharp V installation bracket, quick to install

Features
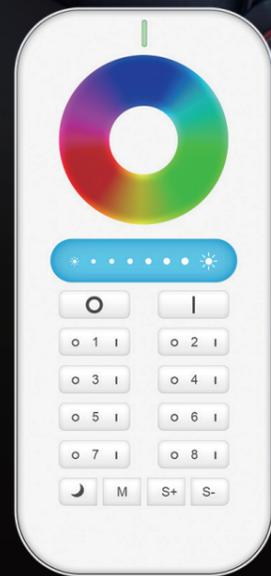
Soft start,no power peak
Power off memory
Easy Installation
RF 2.4GHz,remote range nearly 30m
Remote control through internet ,Compatible with wifi bridge
Vivid colors changing,9 automatic changing programs
Three years warranty,CE,RoHS
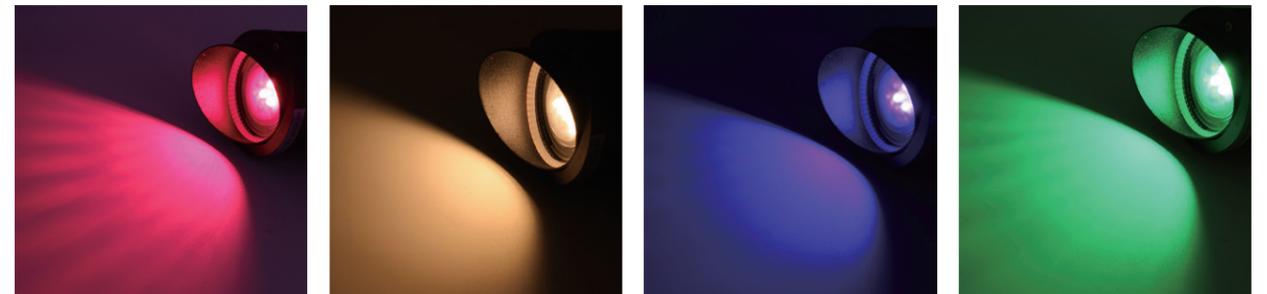
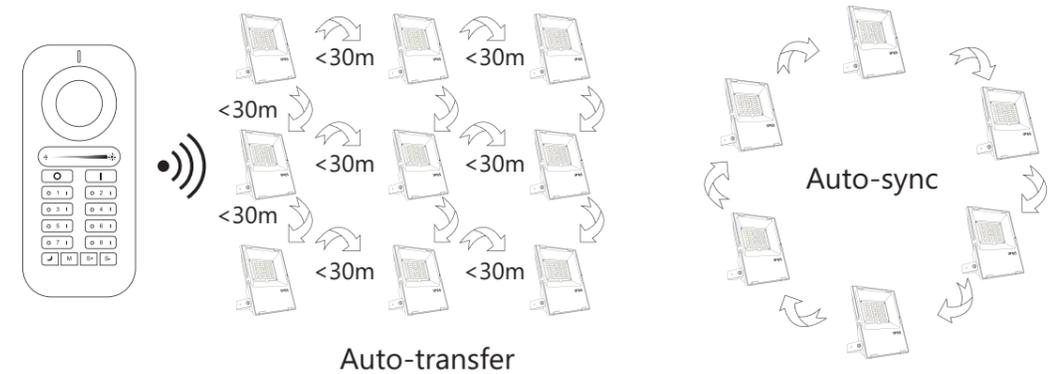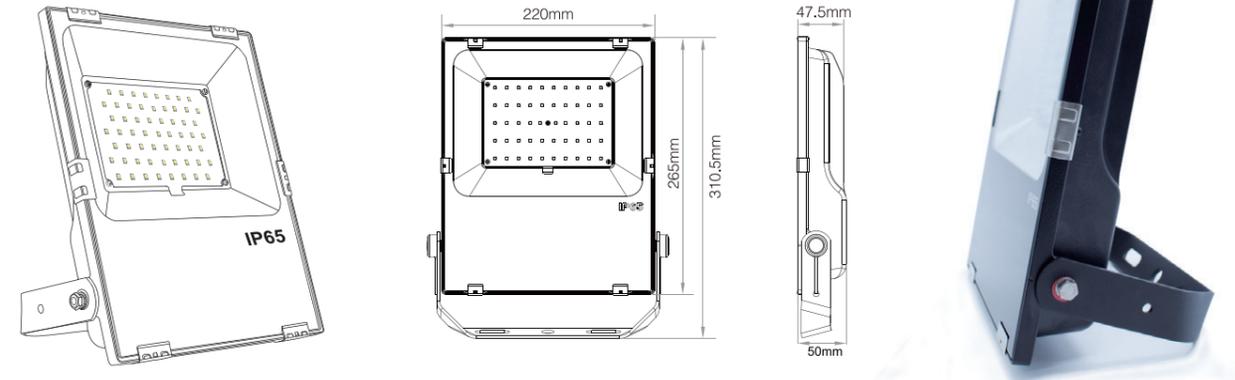# NEW 50W
RGBW FLOOD LIGHT

YOU CAN STAY IN ANY COLOR

ENJOY THE CONVENIENT LIFE BRING BY TECHNOLOGY

WITH 8-ZONE REMOTE CONTROL

Parameter

1 / Power:50W, 20W each color, 30W white   EPISTAR
2 / Remote range:30 meters
3 / Input voltage:AC100-240V Mean Well driver
4 / Material:Aluminum,toughened glass
5 / LED color:RGBW
6 / Package:355x255x58mm
6 / Net weight:1500g

7 / Gross weight:1800g
8 / Working temp:-20°C~60°C
9 / Life span:50,000h
10 / Compatible with wifi bridge
11 / Warm white 3000~3500lm

DIMENSIONS:

Auto-transfer

Auto-sync

Auto-transfer
How to link:
When Switch on the lights in the zone you want to link, press zone-on button within 3 seconds,the link is done when the lights blink 3 times.The link-signal will be auto-transferred to another.
Notice:
1.In the same zone.Each light only auto-transfers and response to the different signal received last time in the same zone.
2. Auto-transfer can happen among different groups, the lights receive the signal from the lights in the different zones, only transfer the signal, don't response.
How to unlink:
When Switch on the lights in the zone you want to unlink,press zone-on button 5 times within 3 seconds, the unlink is done when the lights blink 9 times. The unlink-signal will be auto-transferred to another.
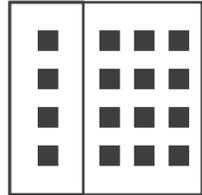
Auto-sync
Each light can transmit the signal after the specific time and auto-transfer.
Saturation control——White and RGB CO-exist
Long press M button,go to Saturation mode.
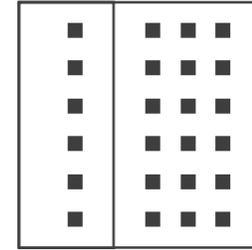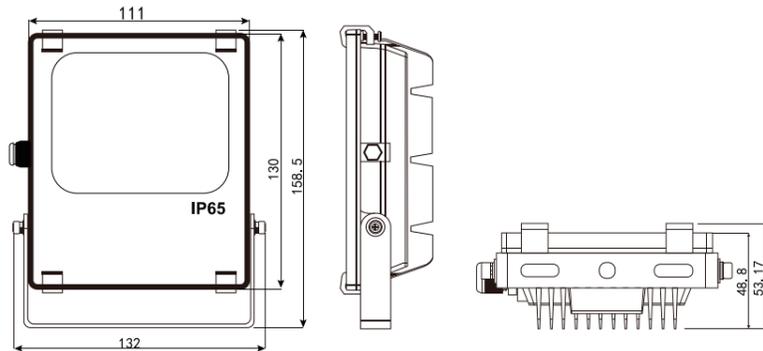
10W
FLOOD LIGHT
Item No.:GL-FL-001

EPILEDS

IP65

Parameter

1 / Power: 10W RGBWX1 EPILEDS
2 / Remote range: 30 meters
3 / Input voltage: AC100-240V (optional)
4 / Material: Aluminum,toughened glass
5 / LED color:RGBW
6 / Working temp: -20~60°C

7 / Life span: 50,000h
8 / Package: 187x132x60mm
9 / Net weight: 650g
10 / Gross weight: 750g
11 / Compatible with wifi bridge
12 / Red 250-300lm Green 200-300lm
        Blue 60-80lm   white 360-450lm

DIMENSIONS:

111
130
158.5
IP65
132
48.8
53.17

20W
FLOOD LIGHT
Item No.:GL-FL-002

EPILEDS

IP65

Parameter
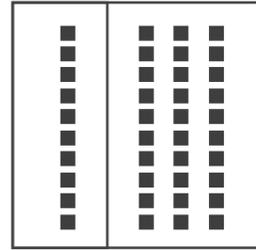
1 / Power: 20W RGB+8W warmwhite 2700K EPILEDS
2 / Remote range: 30 meters
3 / Input voltage: AC100-240V (Mean Well driver)
4 / Material: Aluminum,toughened glass
5 / LED color:RGBW
6 / Working temp: -20~60°C

7 / Life span: 50,000h
8 / Package: 232x176x68mm
9 / Net weight: 1230g
10 / Gross weight: 1300g
11 / Compatible with wifi bridge
12 / warm white 600-650lm   Red 500-600lm
        Green 400-500lm   Blue 120-150lm

DIMENSIONS:

155
174
203
IP65
176.4
59.4
63.77
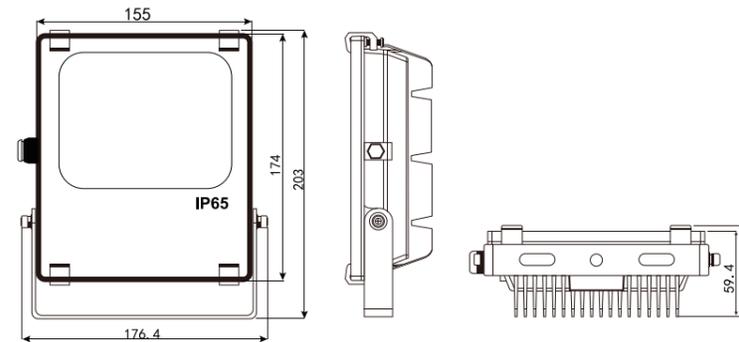
30W
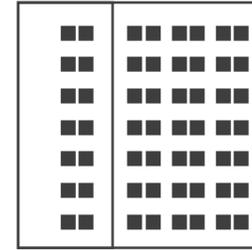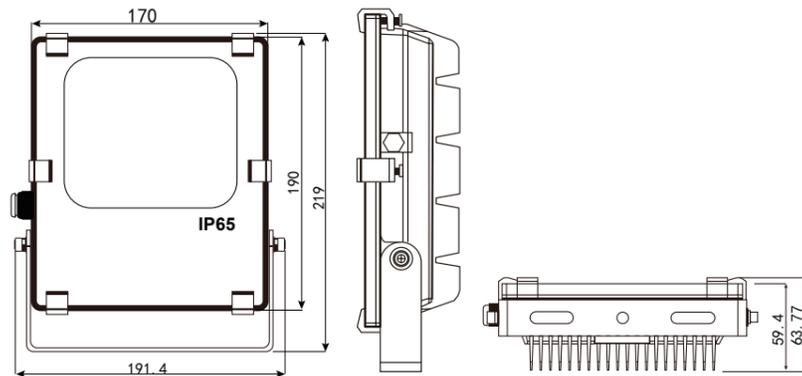## FLOOD LIGHT
Item No.:GL-FL-003

EPILEDS

IP65

Parameter

1 / Power:30W RGB+10W warmwhite 2700K EPILEDS
2 / Remote range: 30 meters
3 / Input voltage: AC100-240V (Mean Well driver)
4 / Material: Aluminum,toughened glass
5 / LED color:RGBW
6 / Working temp: -20~60℃

7 / Life span: 50,000h
8 / Package: 248x194x68mm
9 / Net weight: 1500g
10 / Gross weight: 1800g
11 / Compatible with wifi bridge
12 / Warm white 750~800lm Red 700-800lm
   Green 600-700lm Blue 200-250lm

DIMENSIONS:

170
190
219
IP65
191. 4
59. 4
63. 77

50W
FLOOD LIGHT
Item No.:GL-FL-004

EPILEDS

IP65

Parameter
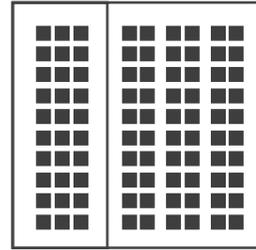
1 / Power:50W RGB+16W warmwhite 2700K EPILEDS
2 / Remote range: 30 meters
3 / Input voltage: AC100-240V (Mean Well driver)
4 / Material: Aluminum,toughened glass
5 / LED color:RGBW
6 / Working temp: -20~60℃

7 / Life span: 50,000h
8 / Package: 248x194x68mm
9 / Net weight: 1500g
10 / Gross weight: 1800g
11 / Compatible with wifi bridge
12 / Warm white 1100~1200lm   Red 1000-1100lm
        Green 900-1000lm   Blue 300-400lm

DIMENSIONS:

170
190
219
IP65
191. 4
59. 4
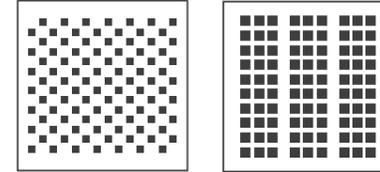63. 77
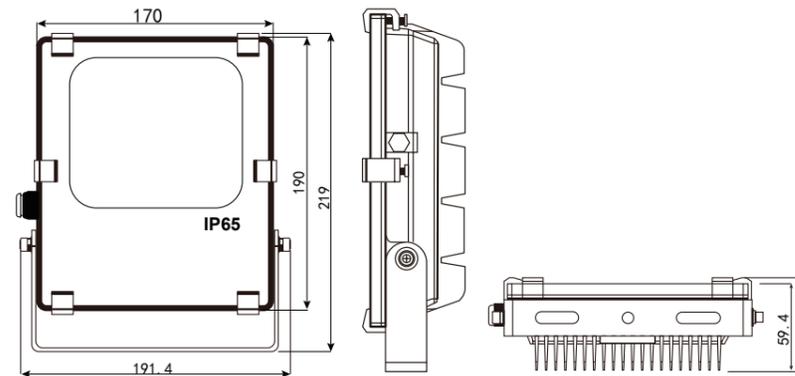
90W
FLOOD LIGHT
Item No.:GL-FL-005

EPILEDS

190W
FLOOD LIGHT
Item No.:GL-FL-008

IP65

EPILEDS

Parameter

1 / Power:60W RGB+30W warmwhite 2700K EPILEDS
2 / Remote range: 30 meters
3 / Input voltage: AC100-240V (Mean Well driver)
4 / Material: Aluminum,toughened glass
5 / LED color:RGBW
6 / Working temp: -20~60°C

7 / Life span: 50,000h
8 / Package: 290x255x125mm
9 / Net weight: 2600g
10 / Gross weight: 3000g
11 / Compatible with wifi bridge
12 / Warm white 2400~2700lm   Red 1200-1300lm
　　　　Green 1000-1100lm   Blue 350-450lm
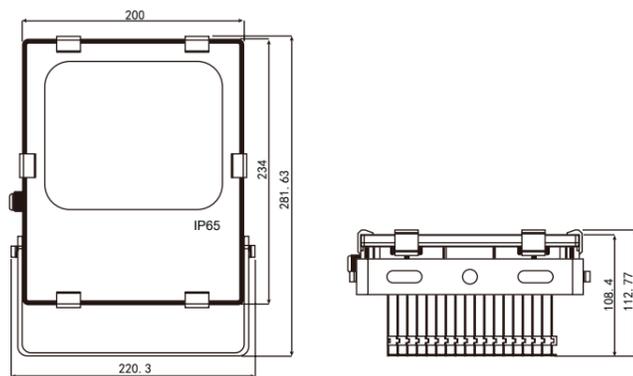
DIMENSIONS:

200
234
281.63
IP65
220.3
108.4
112.77

Parameter

1 / Power:90W RGB+100W warmwhite 2700K
　　EPILEDS
2 / Remote range: 30 meters
3 / Input voltage: AC100-240V (Mean Well driver)
4 / Material: Aluminum,toughened glass
5 / LED color:RGBW
6 / Working temp: -20~60°C

7 / Life span: 50,000h
8 / Package: 370x350x250mm
9 / Net weight: 5000g
10 / Gross weight: 6000g
11 / Compatible with wifi bridge
12 / Warm white 7000~7500lm (2700-3000K)
　　　　Red 1000-1200lm   Green 2000-2200lm
　　　　Blue 400-500lm
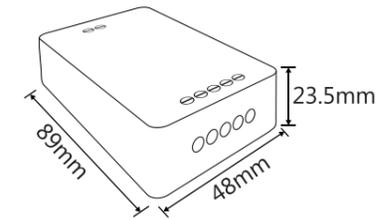
DIMENSIONS:

250
270
309.5
IP65
267.5
143.9
182.23
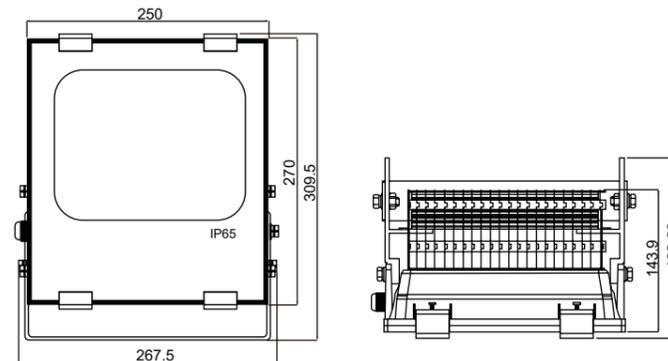
LED CONTROLLER
ZIGBEE LIGHT LINK COMPATIBLE

Size: 23.5x48x89mm
Input Voltage: DC12-24 V
Ouput Current/Channel: 6 A max
Protection rate: IP20
Total Output Current: 15 A max
Operating TemperatureP: -20°C~60°C
Common Anode
Constant Voltage

23.5mm
89mm
48mm

Thanks for buying our products.
In this manual we will explain the connection of wires and the connection with a ZigBee Light Link Gateway. These devices works with many ZigBee Light Link Gateways* like Philips Hue, OsramLightify**or IKEA Tradfri***.

Wire Connection:
    1. Please prepare the cable like picture P1 and strip the isolation to 9-10 mm. The cable cross-section must be between 0,33 and 2,08mm²(AWG22-14).
    2. Now push down the terminal with a screwdriver and put in the cable, see picture P2.
    3. Take the screwdriver away and the cable is connected with the terminal.
On picture P3-P7 you can see examples for the connection of different LED controllers:
   - P3 for RGBW/RGBWW products
    - P4 for RGB products, use a RGBW controller and don't connect the wire W
    - P5 for single color LED product, use a RGBW controller and don't connect the wire R, G, B
    - P6 for RGB+CCT(warmwhite+coldwhite) products
    - P7 for CCT(warmwhite+coldwhite) products
Connection with Gateway:
    1. Connect the LED product to the controller see section "wire connection".
    2. Start the device searching on the ZigBee Light Link Gateway, it could take some time.If the Gateway does not find the device, plug power off/on or make a reset.
    3. The Gateway found your device and you can assign it to the different rooms/zones/groups.
    4. Now you can use the device.
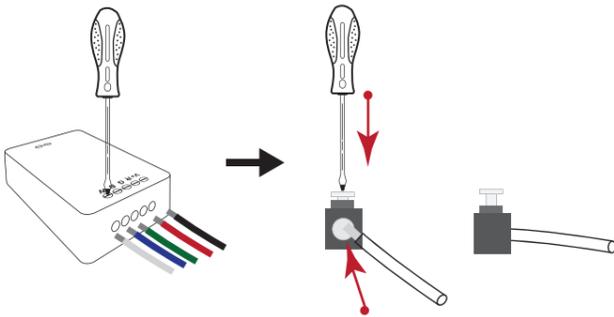Reset:
    1. Switch on your device.
    2. Now switch off and on within 2 seconds.
    3. Repeat off/on four times.
    4. Reset is done when the device is switched on in the fifth time and the light stays on after blinking 4 times.

blink
4 times
1sth on/off   the 5th on   on
on
off
within 2s
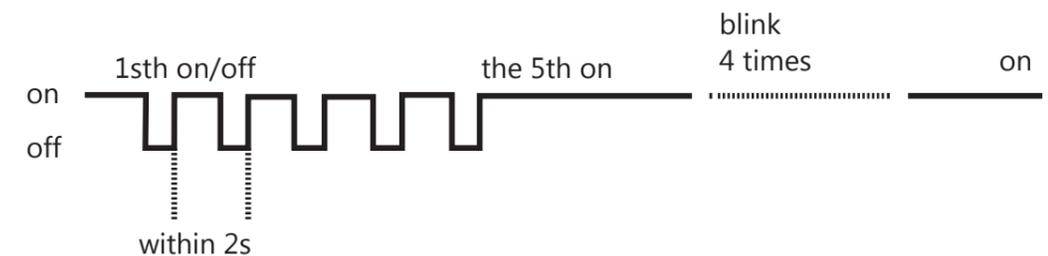
*For RGBW/RGBWW devices you will find two SSIDs. One for white/warmwhite, the other for RGB.
**The Osram Gateway supports only one SSID, with the RGBW/RGBWW device it finds only RGB.
***IKEA Gateway will support RGB devices till the end of the year 2017.
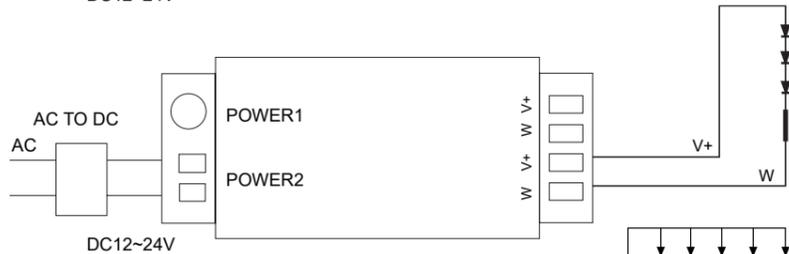
P1

Wire preparation
□ 0.33-2.08mm²

9-10mm

P2

P3

AC TO DC

AC

POWER1

POWER2

DC12~24V

R V+

W BG

+ R G B W

P4

AC TO DC

AC

POWER1

POWER2

DC12~24V

R V+

BG

+ R G B

P5

AC TO DC

AC

POWER1

POWER2

DC12~24V

W V+

W V+

W V+

V+

W

P6

AC TO DC

AC

POWER1

POWER2

DC12~24V

R G RV +

W C B G

+ R G B C W

P7

AC TO DC

AC

POWER1

POWER2

DC12~24V

WW V+

CW V+

V+

WW

CW