



# PRODUCT CATALOGUE 2025-2026

Futlight is professional smart LED lighting manufacturer, we will keep doing innovation and develop creative item, stay together with all dealers, improve business in global market.



**Futlight Optoelectronics Co.,Ltd**

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Futlight Optoelectronics Co., Ltd is high-tech enterprise, located in shenzhen city, who is specialized in R&D, manufacturing and selling all kinds of smart led lights. Our main products include smart led bulbs,led downlights, led panel lights, led controllers,led remote, outdoor garden lights and floodlights, underwa-ter and underground lights.



2009

Established Hong Kong Company  
Name: Futlight Optoelectronics Co.,Ltd



2013

Mi-Light brand comes into market (innovative technology, create simple and smart, safety and reliable, environmental and economic lighting system)



2016

MiBoxer Brand created Many new products ( garden light, floodlight) was borned



2018

Futlight gained " High-Tech Enterprise" title, Solve the problem that lamps cannot be remotely controlled wirelessly underwater or underground , representative product are pool light and under ground light



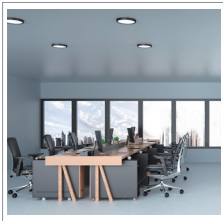
2020

DMX protocol have various application for big building project, we improved old DMX system, the new DMX decoder support digital console and RDM function



2023

Successfully developed "SPI LED strip controller", colourful control more accurately with lowest delay about signal transmitting ( Classic application: Architectural outline dynamic illumination, smart home RGB ambient illumination)



2012

Focus on developing 2.4G LED control system, contained wireless LED controller and remote



2014

Mi-light 3.0 APP was established, every Mi-light product support smartphone



2017

We step into Dali system, DALI DT6 series implement our product range, DALI controller, DALI bus, DALI panel remote are widely sold to every corner on global market



2019

Tuya smart established deep relationship with us, All MiBoxer item updated software to support Alexa, Google home, third party voice control.



2021

The new MiBoxer Smart APP was finished, all functions are same as Tuya smart APP. Zigbee 3.0 series, Triac dimmer are both developed, we have wide product line in this year



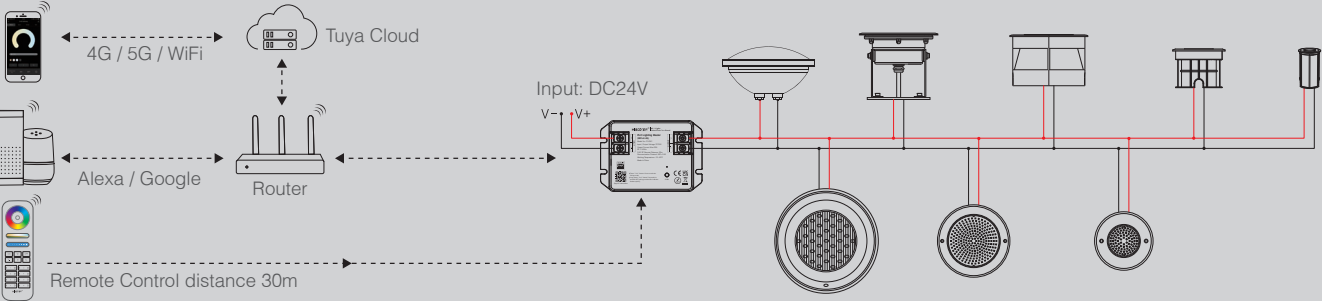
2024

Acheiving breakthrough for PLC illumination control system, big revolution for smart control solution and eliminate traditional RS485 wiring solution, PLC system only have 2 wire and transmit signal from power line



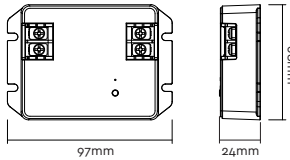
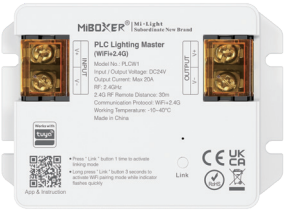
PLC Lighting Control System

Wiring-free, signal transmission via power lines, saving the cost of communication wiring.



PLC Lighting Master

- 16 million colors, Saturation, Color temperature adjustable
- 4096 levels smooth dimming, Min brightness 0.1%, dimming range 0.1%-100%
- Supports functions such as switching, dimming, color temperature adjustment, scene switching, and timing control, meeting the needs of various scenarios including homes, parks, and urban roads.

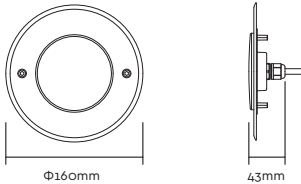


| Model No. | Input / Output | Output Current | Working Temp. | Control Protocol         | Control Distance                         |
|-----------|----------------|----------------|---------------|--------------------------|------------------------------------------|
| PLCW1     | DC24V          | Max 20A        | -10~40℃       | WiFi + 2.4G RF           | 2.4G RF: 30m                             |
| PLCM1     |                |                |               | matter<br>WiFi + 2.4G RF | 2.4G RF: 30m                             |
| PLCZ1     |                |                |               | zigbee + 2.4G RF         | 2.4G RF: 30m<br>Zigbee: 100m (open area) |



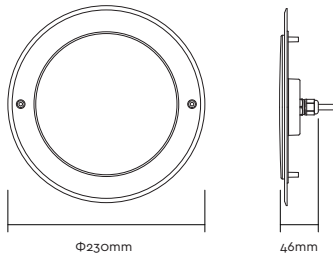
9W RGB Wall-mounted Underwater Light

Model No.: PLC-WP2  
Input: DC24V  
Power: R,G,B: 3W, CW: 5W, WW: 4W  
Luminous Efficiency: 50LM/W  
Color Temp.: RGB Mixed White  
CRI: >80  
Beam Angle: 120°  
Working Temp.: -20~45℃



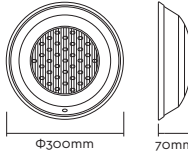
18W RGB Wall-mounted Underwater Light

Model No.: PLC-WP3  
Input: DC24V  
Power: R: 5W, G,B: 6W, CW: 9W, WW: 7W  
Luminous Efficiency: 80LM/W  
Color Temp.: RGB Mixed White  
CRI: >80  
Beam Angle: 120°  
Working Temp.: -20~45℃



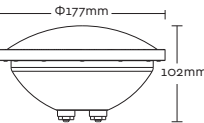
30W RGB+CCT Wall-mounted Underwater Light

Model No.: PLC-WP1  
Input: DC24V  
Power: R: 10W, G,B: 14W CW, WW: 14W  
Luminous Efficiency: 140LM/W  
Color Temp.: 2700K~6500K  
CRI: >80  
Beam Angle: 160°  
Working Temp.: -20~45℃



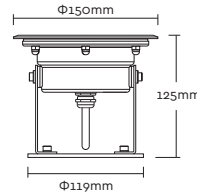
30W RGB+CCT PAR56 LED Pool Light

Model No.: PLC-PA1  
Input: DC24V  
Power: R: 10W, G,B: 14W CW, WW: 14W  
Luminous Efficiency: 140LM/W  
Color Temp.: 2700K~6500K  
CRI: >80  
Beam Angle: 160°  
Working Temp.: -20~45℃



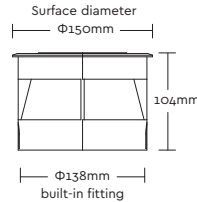
9W RGB+CCT LED Underwater Light

Model No.: PLC-UW1  
Input: DC24V  
Power: R,G,B: 3W CW, WW: 7W  
Luminous Efficiency: 95LM/W  
Color Temp.: 2700K~6500K  
CRI: >80  
Beam Angle: 15°  
Working Temp.: -20~45℃



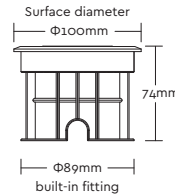
9W RGB+CCT LED Underground Light

Model No.: PLC-RD3  
Input: DC24V  
Power: R,G,B: 3W CW, WW: 7W  
Luminous Efficiency: 95LM/W  
Color Temp.: 2700K~6500K  
CRI: >80  
Beam Angle: 15°  
Working Temp.: -20~45℃



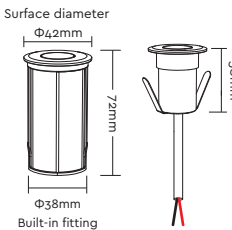
5W RGB+CCT LED Underground Light

Model No.: PLC-RD2  
Input: DC24V  
Power: R,G,B: 1.5W CW, WW: 3.5W  
Luminous Efficiency: 75LM/W  
Color Temp.: 2700K~6500K  
CRI: >80  
Beam Angle: 30°  
Working Temp.: -20~45℃



2W RGBW LED Underground Light

Model No.: PLC-RD1  
Input: DC24V  
Power: R,G,B: 1W CW: 2W, WW: 1W  
Luminous Efficiency: 60LM/W  
Color Temp.: 2700K  
CRI: >80  
Beam Angle: 50°  
Working Temp.: -20~45℃

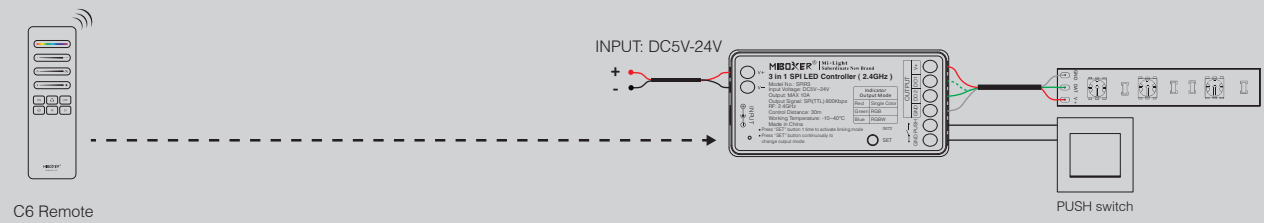




# MiBOXER®

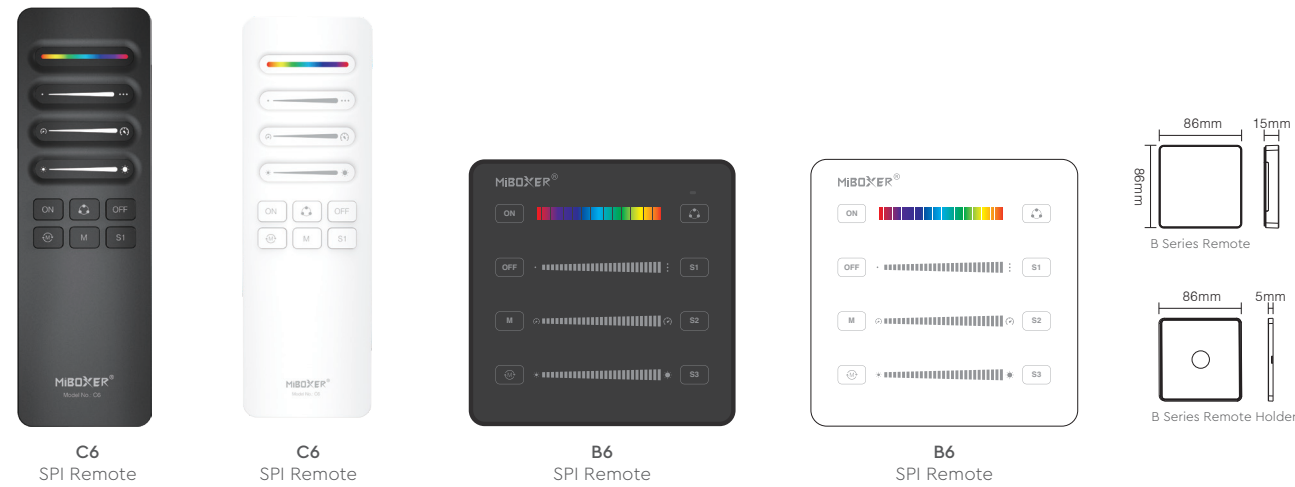
## SPI SERIES

### 2.4G SPI Series (2.4GHz)



### SPI Remote Control (2.4GHz)

Adopts 2.4GHz wireless technology, enabling control of multiple devices within 30 meters. Features adjustable RGBW colors, speeds, brightness, and modes, supports scene saving



| Model No. | Working Voltage    | Standby Power Consumption | Transmitting Power | RF     | Control Distance | Working Temp. |
|-----------|--------------------|---------------------------|--------------------|--------|------------------|---------------|
| C6 / B6   | 3V<br>(AAA * 2PCS) | 15μA                      | 6dBm               | 2.4GHz | 30m              | -10~40°C      |

### 3 in 1 SPI LED Controller (2.4GHz)

- SPI signal transmission, 2.4G wireless remote control within 30m
- Support multi types IC of digital led strip like single color/RGB/RGBW
- Animation performance while turn on or off lights
- Set up different color sorting
- Control speed, brightness, direction with various dynamic mode, save 4 scene
- It can control the number of pixel point



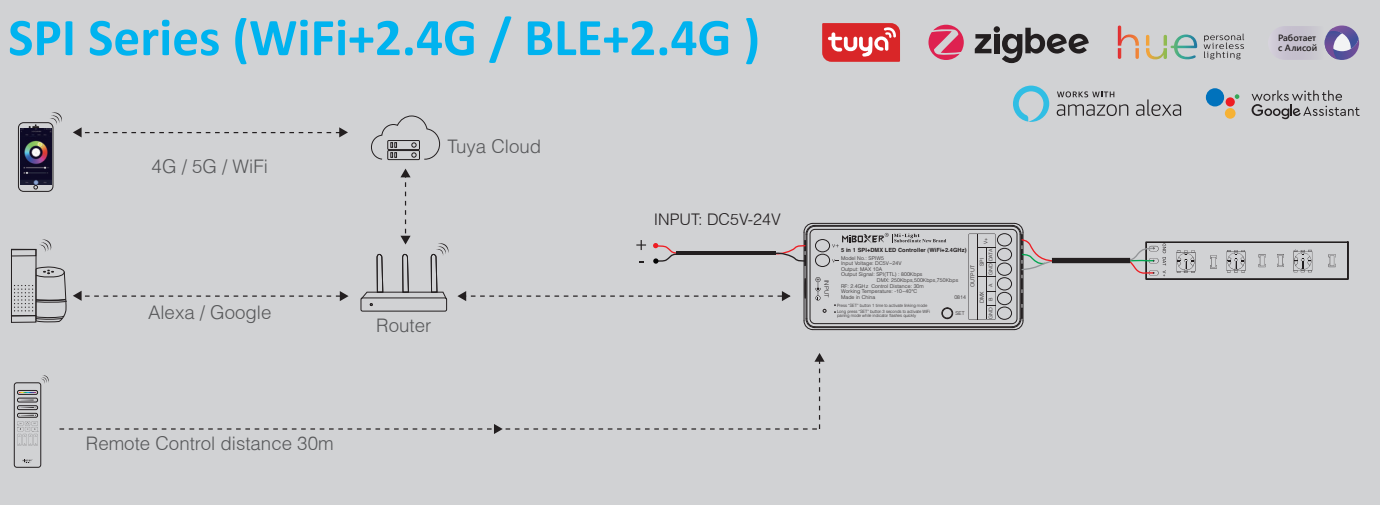
**SPIR3**  
3 in 1 SPI LED Controller (2.4GHz)  
Output: Max 10A



**SPIR3-M**  
3 in 1 Mini SPI LED Controller (2.4GHz)  
Output: Max 6A

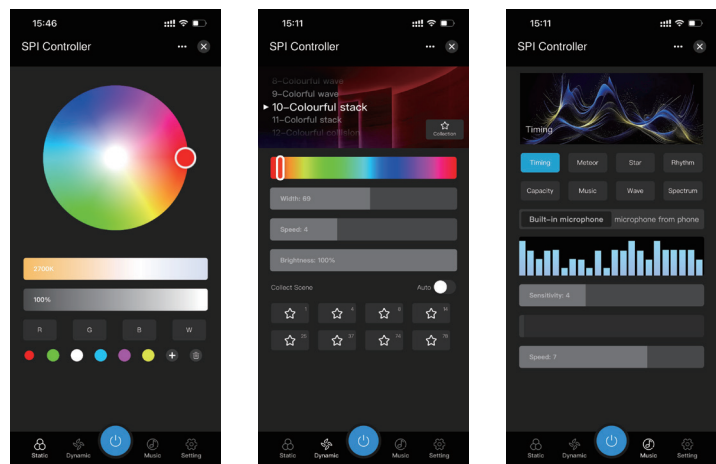
| Model No.        | Output Mode | Input Voltage | Output Signal     | Pixel                                         | Working Temp. | Control Signal | Control Distance |
|------------------|-------------|---------------|-------------------|-----------------------------------------------|---------------|----------------|------------------|
| SPIR3<br>SPIR3-M | 3 in 1      | DC5V~24V      | SPI (TTL) 800Kbps | Single color: 2048<br>RGB: 1536<br>RGBW: 1024 | -10~40°C      | 2.4G RF + PUSH | 2.4G RF: 30m     |





## 5 in 1 SPI+DMX LED Controller

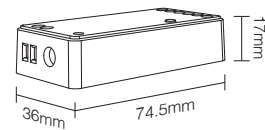
- 5 in 1 LED controller, single color/CCT/RGB/RGBW/RGB CCT
- Color, pixel points, speed, static mode and dynamic mode dimmable
- Dynamic mode : 28 kinds of white color for selection, 80 kinds of RGB color for selection, all modes can dim color, brightness, width and speed.
- 8 kinds of music mode work with built-in microphone or smart phone microphone
- Freely switching dynamic and music mode
- Setting boot animation via "Tuya Smart" APP
- Output signal : SPK(TTL) 800Kbps, DMX: 250Kbps, 500Kbps, 750Kbps
- Have DND mode, usually used for power failure area to save power



**SPIW5**  
5 in 1 SPI+DMX LED Controller  
**WiFi + 2.4G RF**



**SPIB5**  
5 in 1 SPI+DMX LED Controller  
**Bluetooth + 2.4G RF**



| Model No. | Output Mode | Input Voltage | Output Current | Output Signal and Pixel                                                                                | Working Temp. | Control Protocol and Control Distance |
|-----------|-------------|---------------|----------------|--------------------------------------------------------------------------------------------------------|---------------|---------------------------------------|
| SPIW5     | 5 in 1      | DC5V~24V      | Max 10A        | SPI(TTL) 800Kbps (Max 1024)<br>DMX: 250Kbps(Max 256)<br>DMX: 500Kbps(Max 512)<br>DMX: 750Kbps(Max 768) | -10~40°C      | 2.4G RF: 30m                          |
| SPIB5     |             |               |                |                                                                                                        |               | 2.4G RF: 30m<br>Bluetooth: 30m        |

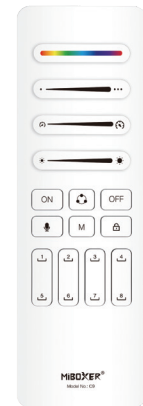
## SPI Remote Control (2.4GHz)

Align the color and adjust length (number of Pixel pt)of SPI strip, select dynamic mode and control speed,save scene 2.4G wireless transmission technology with fast speed for transmitting, stable signal and strong ability for anti-interference

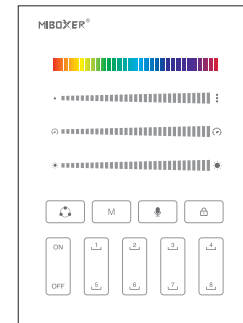
- Control multi devices at the same time, support communication with multi devices
- Changing dynamic mode,color, brightness and dynamic lighting feature
- Editing width and color for dynamic mode
- Working with multi controllers ( control distance 30m)
- Wide application for commercial or home lighting, create ambience lighting



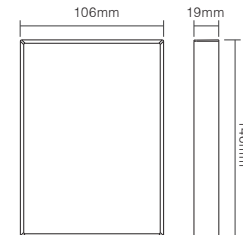
**C9**  
SPI Remote



**C9**  
SPI Remote



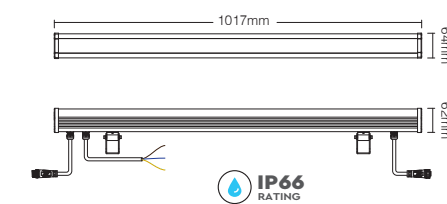
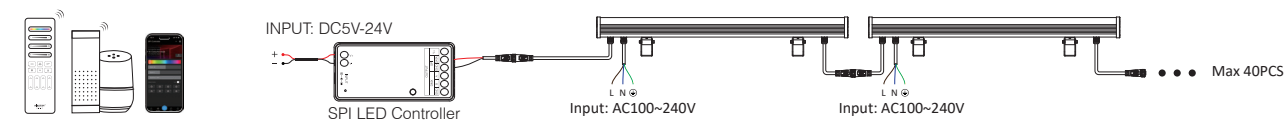
**B9**  
SPI Remote



| Model No. | Working Voltage    | Standby Power Consumption | Transmitting Power | RF     | Control Distance | Working Temp. |
|-----------|--------------------|---------------------------|--------------------|--------|------------------|---------------|
| C9        | 3V<br>(AAA * 2PCS) | 15μA                      | 6dBm               | 2.4GHz | 30m              | -10~40°C      |
| B9        |                    | 30μA                      |                    |        |                  |               |

## RGB SPI Wall Washer Light

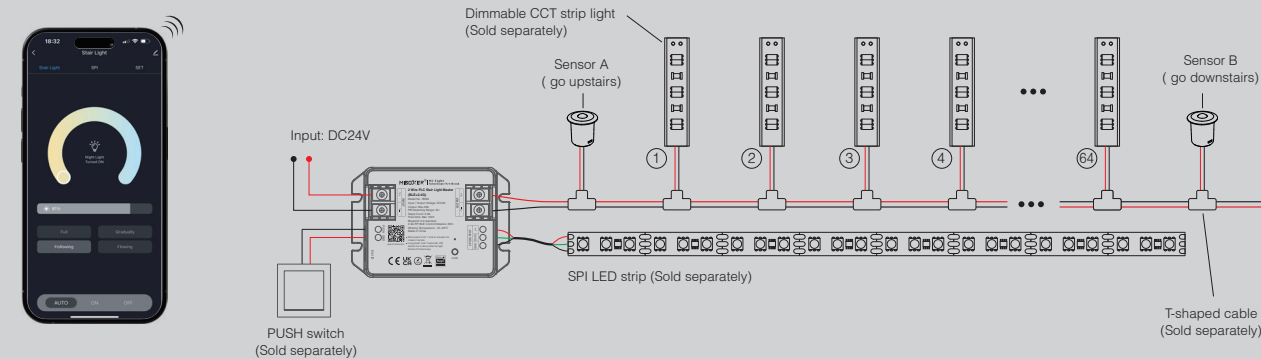
Dimming function requires an SPI controller.  
Equipped with UCS2903B driver chip, SPI digital signal transmission, fast response speed and smooth color transition.



| Model No. | Power | Input Voltage         | PF   | Input Signal     | Chip     | Pixel | Luminous Flux                   | Beam Angle | Working Temp. |
|-----------|-------|-----------------------|------|------------------|----------|-------|---------------------------------|------------|---------------|
| RL48-SPI  | 48W   | AC100-240V<br>50/60Hz | >0.5 | SPI(TTL) 800Kbps | UCS2903B | 24PCS | R:260 LM<br>G:720 LM<br>B:120LM | 15°60°     | -10~40°C      |

2 Wire PLC Stair Light Series

Support a variety of light effects such as follow, step by step lighting and water flow to create comfortable and pleasing lighting effects  
Plug in and play Dupont port, fast installation High accuracy PIR sensor

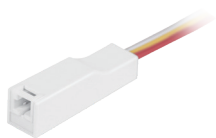


Features

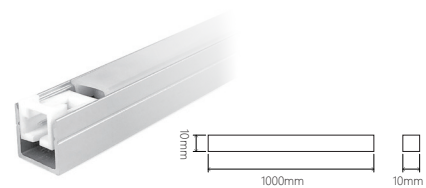
- Simple two wire control
- Plug in and play Dupont port, fast installation
- Compatible with max 1024 SPI led strip, Max 64 stair steps
- High accuracy PIR sensor, detecting automatically, following the light intelligently
- Supports short-circuit protection and reverse polarity protection
- Various dynamic lighting( following, gradually, flowing) with fantastic illumination



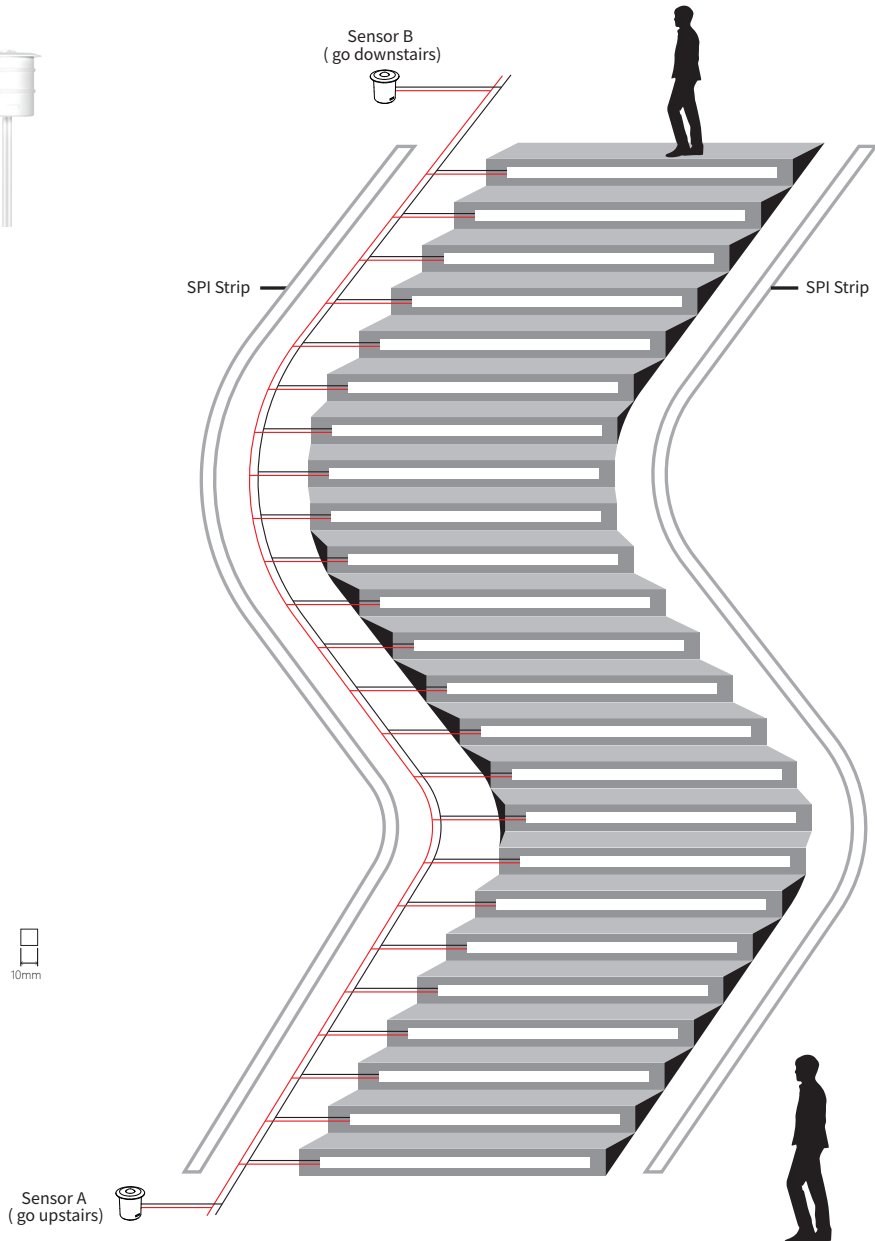
**BS64**  
2 Wire PLC Stair Light Master (BLE+2.4G)  
Input / Output Voltage: DC24V  
Output: Max 20A  
PIR Detecting Range: 3m  
Steps Count: 2-64, Pixel Dots: Max 1024  
**Bluetooth 5.0**



**BS-L2S**  
Stair Light Sub-device (Dual White Controller)  
Input Voltage: DC24V  
Total Outpu: Max 1A  
Working Temperature: -10~40°C



**BS-L2**  
Stair Light Sub-device (Dual White Light)  
Input Voltage: DC24V  
Power: 7W  
Color temperature: 2700~6500K  
Luminous Flux: 350LM  
Working Temperature: -10~40°C



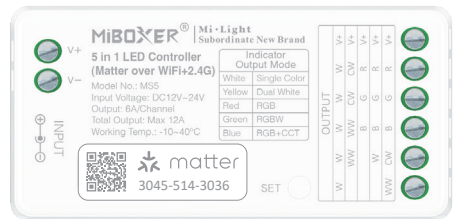
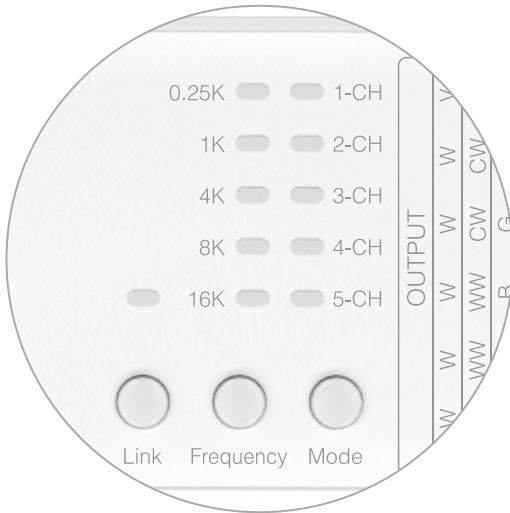
Matter Over WiFi Series

Support Matter protocol, compatible with Apple home, Google Home, Amazon Alexa, Tuya platforms, integrating current smart home ecosystem.

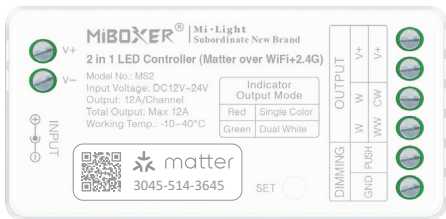
- Wi-Fi connection, no additional gateway required
- Remote control, manage lighting anytime and anywhere
- Supports MiBoxer 2.4G series remote control
- 4096 levels of smooth dimming, no flicker
- Support PWM frequency switching
- Support power on do not disturb mode
- With synchronous forwarding function
- Supports 12 remote controls
- Supports saving 4 scenes



ML5  
5 in 1 LED Controller (Matter over WiFi)  
**matter** **WiFi + 2.4G RF**



MS5  
5 in 1 LED Controller (Matter over WiFi)  
**matter** **WiFi** **2.4G RF**



MS2  
2 in 1 LED Controller (Matter over WiFi)  
**matter** **WiFi** **2.4G RF**

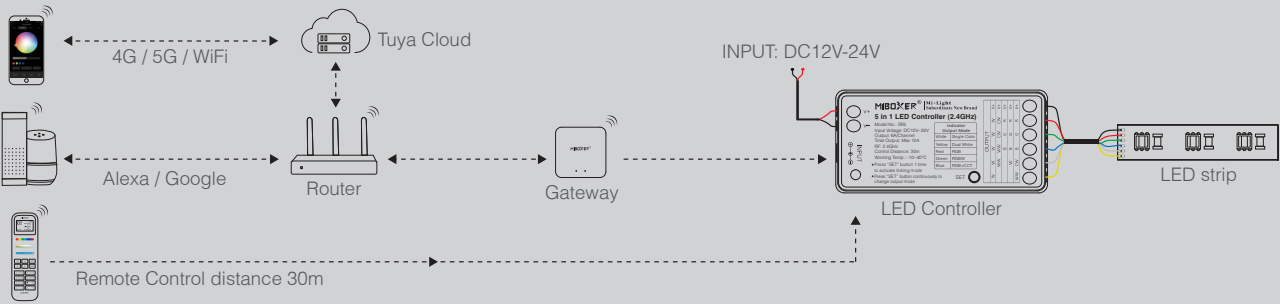


Support Matter protocol, compatible with Apple home, Google Home, Amazon Alexa, Tuya platforms, integrating current smart home ecosystem.

| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal             | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------------------|------------------|
| ML5       | 5 in 1      | DC12V~48V     | 6A/Channel     | Max 15A      | 180-720W     |               |                            |                  |
| MS5       | 5 in 1      | DC12V~24V     | 6A/Channel     | Max 12A      | 144-288W     | -10~40°C      | Matter over WiFi / 2.4G RF | 2.4G RF: 30m     |
| MS2       | 2 in 1      | DC12V~24V     | 12A/Channel    | Max 12A      | 144-288W     |               |                            |                  |



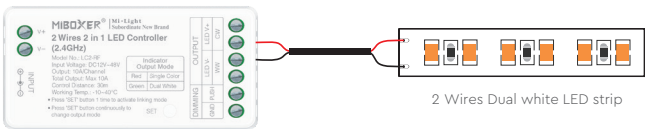
2.4G LED Controller



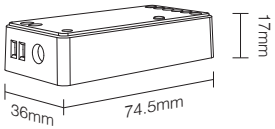
Features

- 4096 levels of smooth dimming, no flicker
- Support PWM frequency high and low frequency switching
- Support power on do not disturb mode
- With synchronous forwarding function
- Supports 12 remote controls
- Supports saving 4 scenes
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Logarithmic dimming curve

2 Wires 2 in 1 LED Controller 2.4G RF



LC2-RF  
2 Wires 2 in 1 LED Controller  
(Single Color / Dual White)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| LC2-RF    | 2 in 1      | DC12V~48V     | 10A/Channel    | Max 10A      | 120-480W     | -10~40°C      | 2.4G RF + PUSH | 30m              |

S Series (Single Mode) 2.4G RF

FUT035S  
Single Color LED Controller

FUT036S  
Dual White LED Controller

FUT037S  
RGB LED Controller

FUT038S  
RGBW LED Controller

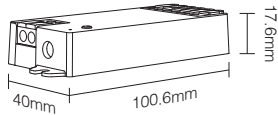
FUT039S  
RGB+CCT LED Controller

| Model No. | Output Mode  | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|--------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| FUT035S   | Dual White   | DC12V~24V     | 12A/Channel    | Max 12A      | 144-288W     | -10~40°C      | 2.4G RF        | 30m              |
| FUT036S   | Single Color |               | 12A/Channel    |              |              |               |                |                  |
| FUT037S   | RGB          |               | 6A/Channel     |              |              |               |                |                  |
| FUT038S   | RGBW         |               | 6A/Channel     |              |              |               |                |                  |
| FUT039S   | RGB+CCT      |               | 6A/Channel     |              |              |               |                |                  |

E series Tool-free instant wiring 2.4G RF

E2-RF  
2 in 1 LED Controller  
(Single Color / Dual White)

E3-RF  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)



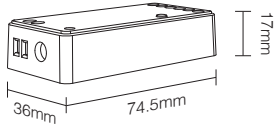
| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| E2-RF     | 2 in 1      | DC12V~24V     | 12A/Channel    | Max 12A      | 144-288W     | -10~40°C      | 2.4G RF + PUSH | 30m              |
| E3-RF     | 3 in 1      |               | 6A/Channel     |              |              |               | 2.4G RF        |                  |

S Series (Switchable Mode) 2.4G RF

FUT035S+ / SR2  
2 in 1 LED Controller  
(Single Color / Dual White)

FUT037S+  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)

SR5  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)



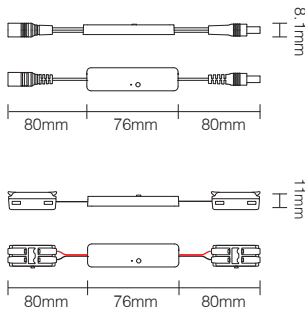
| Model No.    | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|--------------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| FUT035S+ SR2 | 2 in 1      | DC12V~24V     | 12A/Channel    | Max 12A      | 144-288W     | -10~40°C      | 2.4G RF + PUSH | 30m              |
| FUT037S+     | 3 in 1      |               | 6A/Channel     |              |              |               | 2.4GHz RF      |                  |
| SR5          | 5 in 1      |               | 6A/Channel     |              |              |               | 2.4GHz RF      |                  |

Mini Single Color Controller 2.4G RF

MR2  
2 in 1 LED Controller

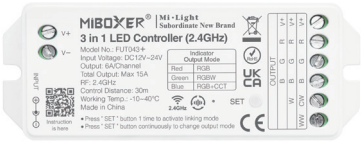
MLR1  
Single Color LED Controller

MLR2  
Single Color LED Controller



| Model No. | Output Mode  | Input Voltage | Output Current | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|--------------|---------------|----------------|--------------|---------------|----------------|------------------|
| MR2       | 2 in 1       | DC12V~24V     | Max 6A         | 72-144W      | -10~40°C      | 2.4G RF        | 30m              |
| MLR1 MLR2 | Single Color |               |                |              |               |                |                  |

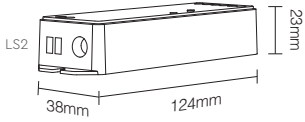
Classic Series 2.4G RF



FUT043+  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)



LS2  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| FUT043+   | 3 in 1      | DC12V~24V     | 6A/Channel     | Max 15A      | 180-360W     | -10~40°C      | 2.4G RF        | 30m              |
| LS2       | 5 in 1      | DC12V~48V     |                |              | 180-720W     |               |                |                  |

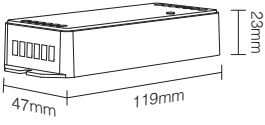
20A Large Current Series 2.4G RF



PR2  
2 in 1 LED Controller  
(Single Color / Dual White)



PR5  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| PR2       | 2 in 1      | DC12V~48V     | 20A/Channel    | Max 20A      | 240-960W     | -10~40°C      | 2.4G RF + PUSH | 30m              |
| PR5       | 5 in 1      |               | 10A/Channel    |              |              |               |                |                  |

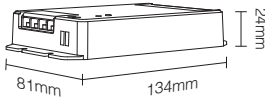
30A Large Current Series 2.4G RF



HR2  
2 in 1 LED Controller  
(Single Color / Dual White)



HR5  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| HR2       | 2 in 1      | DC12V~48V     | 30A/Channel    | Max 30A      | 360-1440W    | -10~40°C      | 2.4G RF + PUSH | 30m              |
| HR5       | 5 in 1      |               | 15A/Channel    |              |              |               |                |                  |

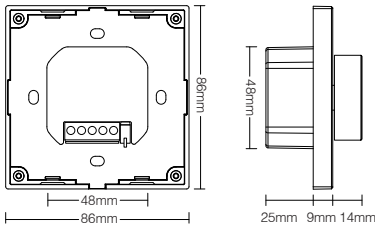
Panel Controller 2.4G RF



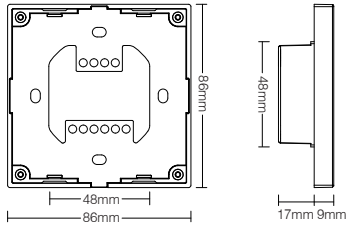
P0 (Black)  
2 in 1 Rotating Panel Controller  
(Single Color / Dual White)



P0 (White)  
2 in 1 Rotating Panel Controller  
(Single Color / Dual White)



P3  
3 in 1 Panel Controller  
(RGB / RGBW / RGB+CCT)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| P0        | 2 in 1      | DC12V~48V     | 12A/Channel    | Max 12A      | 144-576W     | -10~40°C      | 2.4G RF        | 30m              |
| P3        | 3 in 1      | DC12V~24V     | 5A/Channel     | Max 10A      | 120-240W     |               |                |                  |

High Voltage LED Strip Driver Series 2.4G RF

Switch OFF and ON to change the colors and dynamic modes in turn



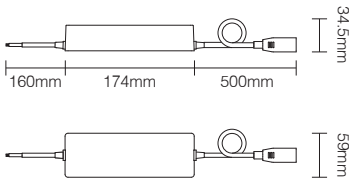
HF1-P400V220  
Single Color Dimming LED Driver



HF2-P400V220  
Dual White Dimming LED Driver



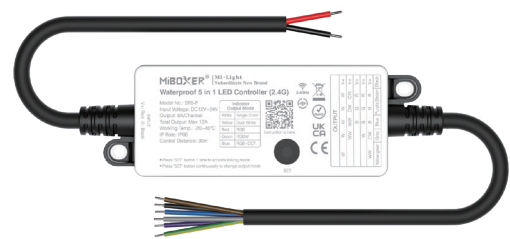
HF3-P400V210  
RGB Dimming LED Driver



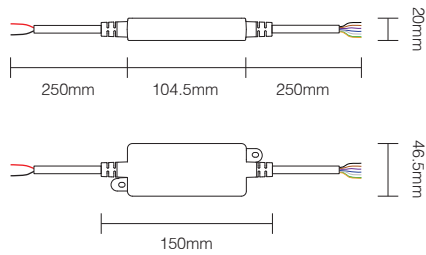
| Model No.    | Output Mode  | Input Voltage         | Output Voltage | Output Current | Rated Power | Working Temp. | Control Signal | Control Distance |
|--------------|--------------|-----------------------|----------------|----------------|-------------|---------------|----------------|------------------|
| HF1-P400V220 | Single Color |                       | DC220V         |                |             |               |                |                  |
| HF2-P400V220 | Dual White   | AC220-240V<br>50/60Hz | DC220V         | Max 1.82A      | Max 400W    | -10~40°C      | 2.4G RF        | 30m              |
| HF3-P400V210 | RGB          |                       | DC210V         |                |             |               |                |                  |



Waterproof Series 2.4G RF IP66 RATING



SR5-P  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| SR5-P     | 5 in 1      | DC12V~24V     | 6A/Channel     | Max 12A      | 144-288W     | -10~40°C      | 2.4G RF        | 30m              |

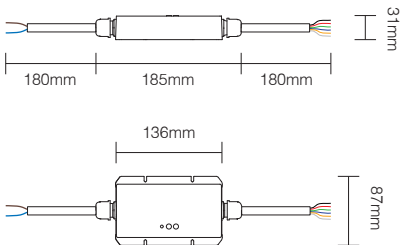
Waterproof 5 in 1 LED Controller IP67 RATING



LS2-WP 2.4G RF  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)



WL5-WP TVS + 2.4G RF  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | 2.4G RF Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| LS2-WP    | 5 in 1      | DC12V~48V     | 10A/Channel    | Max 20A      | 240-960W     | -20~45°C      | 2.4G RF        | 30m              |
| WL5-WP    | 5 in 1      |               |                |              |              |               | WiFi +2.4G RF  |                  |

LED Controller Kits 2.4G RF

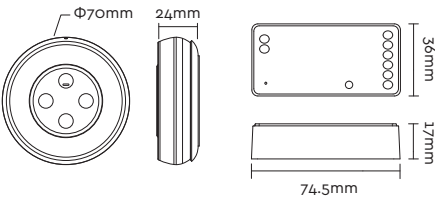
Controller kits: save money, cheaper than you purchase controller and remote separately.



FUT035SA+  
2 in 1 LED Controller Kits  
(Single Color / Dual White)



FUT037SA+  
3 in 1 LED Controller Kits  
(RGB / RGBW / RGB+CCT)



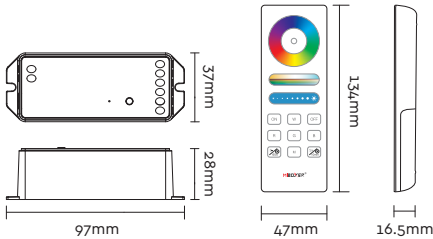
| Remote Parameters |                           |                    |        |               |                  |
|-------------------|---------------------------|--------------------|--------|---------------|------------------|
| Working Voltage   | Standby Power Consumption | Transmitting Power | RF     | Working Temp. | Control Distance |
| 3V(AAA * 2PCS)    | 15μA                      | 6dBm               | 2.4GHz | -10~40°C      | 30m              |

| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| FUT035SA+ | 2 in 1      | DC12V~24V     | 12A/Channel    | Max 12A      | 144-288W     | -10~40°C      | 2.4G RF + PUSH | 30m              |
| FUT037SA+ | 3 in 1      |               | 6A/Channel     |              |              |               | 2.4G RF        |                  |

3 in 1 LED Controller Kits 2.4G RF



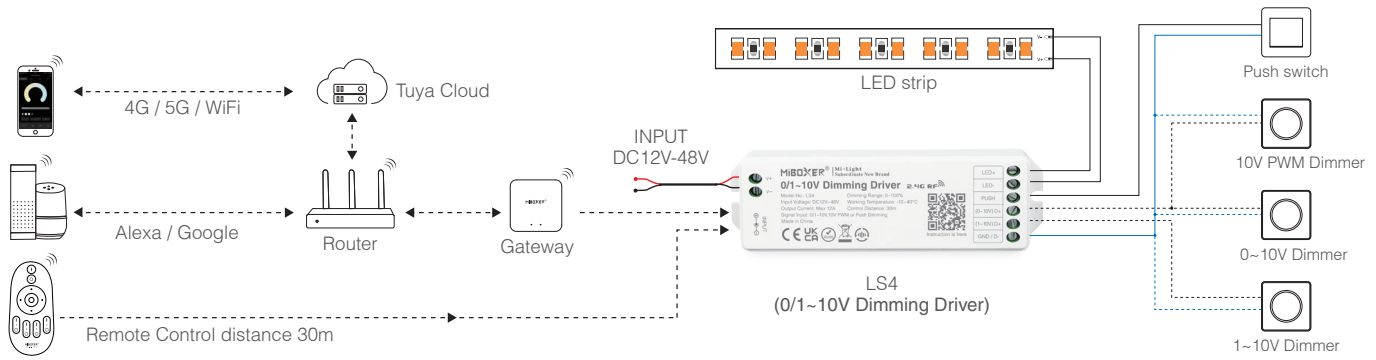
FUT043A+  
3 in 1 LED Controller Kits  
(RGB / RGBW / RGB+CCT)



| Remote Parameters |                           |                    |        |               |                  |
|-------------------|---------------------------|--------------------|--------|---------------|------------------|
| Working Voltage   | Standby Power Consumption | Transmitting Power | RF     | Working Temp. | Control Distance |
| 3V(AAA * 2PCS)    | 20μA                      | 6dBm               | 2.4GHz | -10~40°C      | 30m              |

| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| FUT043A+  | 3 in 1      | DC12V~24V     | 6A/Channel     | Max 15A      | 180-360W     | -10~40°C      | 2.4G RF        | 30m              |

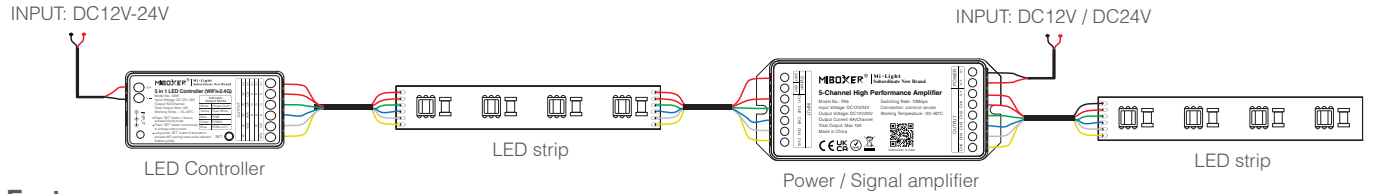
0-10V Dimmer



| Model No. | Output Mode  | Input Voltage | Output Current | Output Power | Working Temp. | Control Signal                             | 2.4G RF Distance |
|-----------|--------------|---------------|----------------|--------------|---------------|--------------------------------------------|------------------|
| LS4       | Single Color | DC12V~48V     | Max 15A        | 180-720W     | -10~40°C      | 2.4GHz RF / PUSH / 10VPWM<br>0~10V / 1~10V | 30m              |

Power / Signal High Performance Amplifier

Drop voltage is big problem in LED installation, this problem always happened while the strip length is over 10m. It will affect the length of LED strip and brightness. The amplifier (PA1, PA4, PA5) can solve drop voltage problem completely. Users can select suitable amplifier based on the feature of strip light.

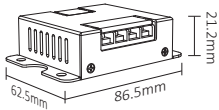


Features

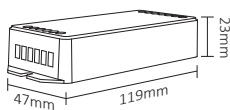
- Compatible with PWM LED controller
- High current MOSFET output with high output wattage
- SYNC Transmitting output signal completely
- High speed optical coupler with output 10Mbps



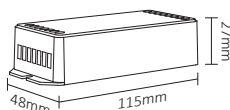
PA1  
1-Channel High Performance Amplifier



PA4  
4-Channel High Performance Amplifier

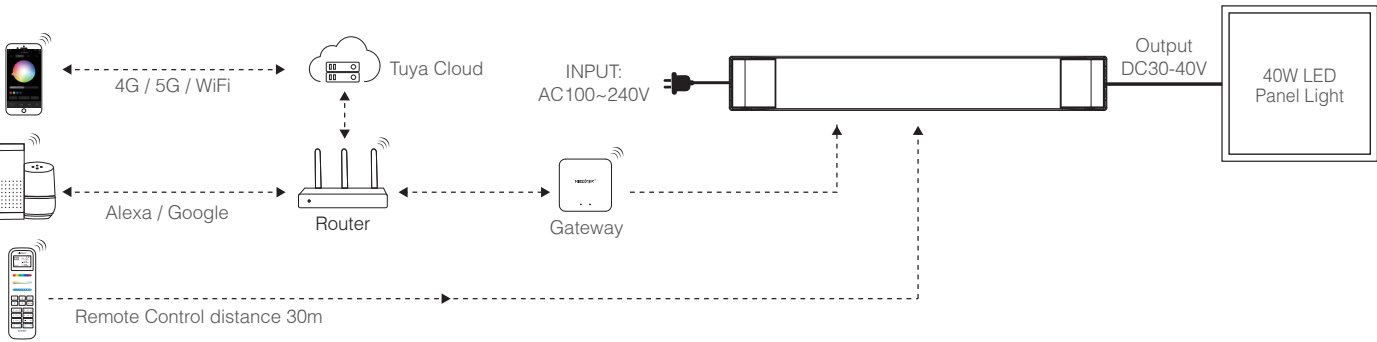


PA5  
5-Channel High Performance Amplifier



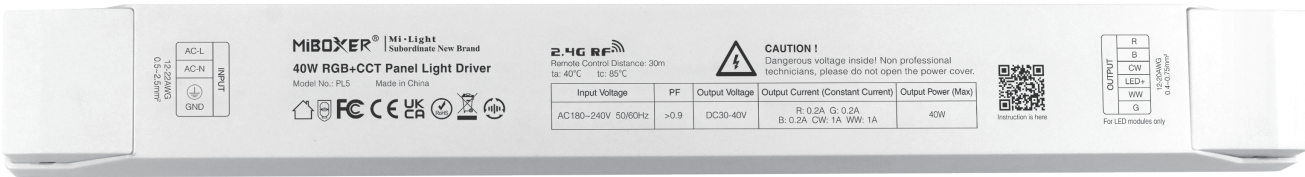
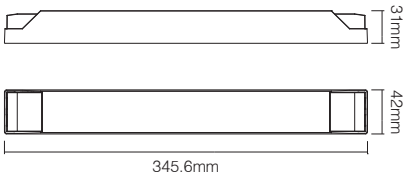
| Model No. | Channel | Input / Output Voltage | Output Current | Total Output | Output Power | Working Temp. | Switching Rate | Input Signal |
|-----------|---------|------------------------|----------------|--------------|--------------|---------------|----------------|--------------|
| PA1       | 1-CH    | DC24V                  | 25A/Channel    | Max 25A      | 600W         |               |                |              |
| PA4       | 4-CH    | DC12/24V               | 6A/Channel     | Max 15A      | 180-360W     | -10~40°C      | 10Mbps         | PWM          |
| PA5       | 5-CH    | DC12/24V               | 6A/Channel     | Max 15A      | 180-360W     |               |                |              |

40W Panel Light Driver



Features

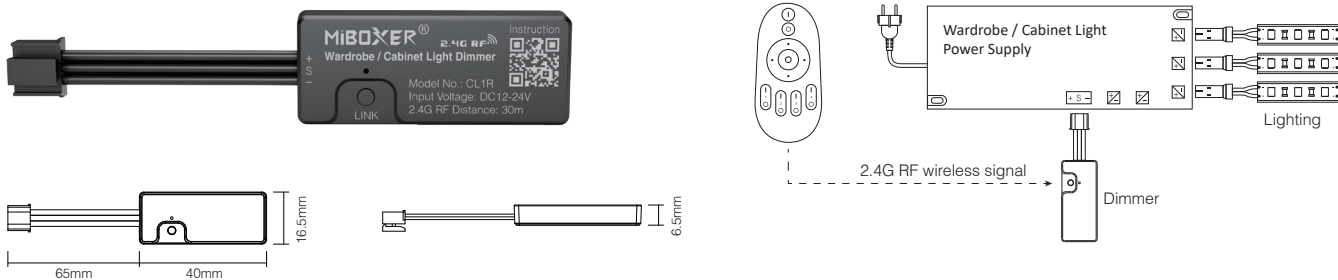
- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With forwarding function
- Supports 12 remote controls
- Supports saving 4 scenes
- 2.4G Control distance 30m



| Model No. | Output Mode  | Input Voltage         | PF   | Output Voltage | Output Current (Constant Current)        | Output Power | Working Temp.        | Control Signal           | Control Distance |
|-----------|--------------|-----------------------|------|----------------|------------------------------------------|--------------|----------------------|--------------------------|------------------|
| PL1       | Single Color |                       |      |                | 1A                                       |              |                      | 2.4G RF/ Push<br>0/1-10V |                  |
| PL2       | Dual White   | AC180-240V<br>50/60Hz | >0.9 | DC30-40V       | CW: 1A WW: 1A                            | 40W          | ta: 40°C<br>tc: 85°C | 2.4G RF                  | 30m              |
| PL5       | RGB+CCT      |                       |      |                | R: 0.2A G: 0.2A<br>B: 0.2A CW: 1A WW: 1A |              |                      | 2.4G RF                  |                  |

Wardrobe / Cabinet Light Dimmer

0.1%-100% stepless dimming, supports power-off memory, 2.4G RF remote control distance 30m. Suitable for wardrobe/cabinet lights.



| Model No. | Input Voltage | Output     | Working Temp. | Control Signal | Control Distance |
|-----------|---------------|------------|---------------|----------------|------------------|
| CL1R      | DC12-24V      | PWM Signal | -10~40°C      | 2.4G RF        | 30m              |

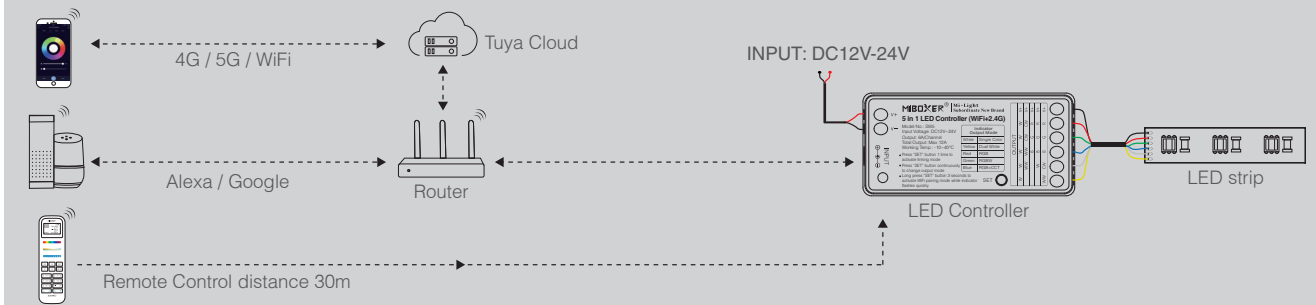


MiBOXER®

## WiFi+2.4G Series

Support Amazon Alexa / Yandex Alice / Google Assistant Control

### WiFi + 2.4G LED Controller



#### Features

- 4096 levels of smooth dimming, no flicker
- Support PWM frequency high and low frequency switching
- Support power on do not disturb mode
- With synchronous forwarding function
- Supports 12 remote controls
- Supports saving 4 scenes
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Logarithmic dimming curve

### S Series



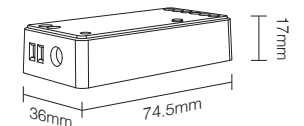
**FUT035W+ / SW2**  
2 in 1 LED Controller  
(Single Color / Dual White)



**FUT037W+**  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)



**SW5**  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)



| Model No.       | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal           | 2.4G RF Distance |
|-----------------|-------------|---------------|----------------|--------------|--------------|---------------|--------------------------|------------------|
| FUT035W+<br>SW2 | 2 in 1      | DC12V~24V     | 12A/Channel    | Max 12A      | 144-288W     | -10~40°C      | WiFi +<br>2.4G RF + PUSH | 30m              |
| FUT037W+        | 3 in 1      |               | 6A/Channel     |              |              |               | WiFi + 2.4G RF           |                  |
| SW5             | 5 in 1      |               | 6A/Channel     |              |              |               | WiFi + 2.4G RF           |                  |

### E series

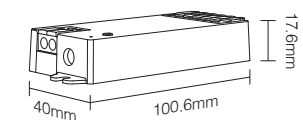
Tool-free instant wiring



**E2-WR**  
2 in 1 LED Controller  
(Single Color / Dual White)



**E3-WR**  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal           | 2.4G RF Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|--------------------------|------------------|
| E2-WR     | 2 in 1      | DC12V~24V     | 12A/Channel    | Max 12A      | 144-288W     | -10~40°C      | WiFi +<br>2.4G RF + PUSH | 30m              |
| E3-WR     | 3 in 1      |               | 6A/Channel     |              |              |               | WiFi + 2.4G RF           |                  |

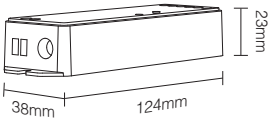


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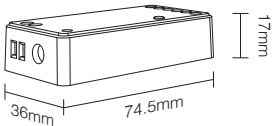
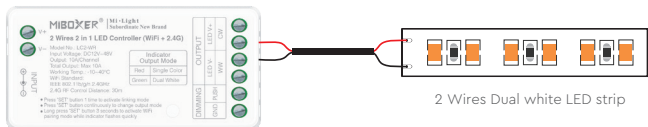
5 in 1 LED Controller   + 2.4G RF 



**WL5**  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)

| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal | 2.4G RF Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------|------------------|
| WL5       | 5 in 1      | DC12V~48V     | 6A/Channel     | Max 15A      | 180-720W     | -10~40°C      | WiFi + 2.4G RF | 30m              |

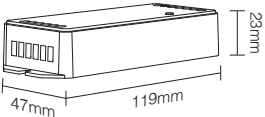
2 Wires 2 in 1 LED Controller   + 2.4G RF 



**LC2-WR**  
2 Wires 2 in 1 LED Controller  
(Single Color / Dual White)

| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal        | Control Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|-----------------------|------------------|
| LC2-WR    | 2 in 1      | DC12V~48V     | 10A/Channel    | Max 10A      | 120-480W     | -10~40°C      | WiFi + 2.4G RF + PUSH | 30m              |

20A Large Current Series   + 2.4G RF 



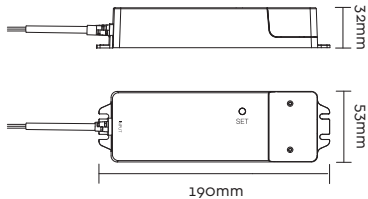
**PW2**  
2 in 1 LED Controller  
(Single Color / Dual White)

**PW5**  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)

| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal        | 2.4G RF Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|-----------------------|------------------|
| PW2       | 2 in 1      | DC12V~48V     | 20A/Channel    | Max 20A      | 240-960W     | -10~40°C      | WiFi + 2.4G RF + PUSH | 30m              |
| PW5       | 5 in 1      |               | 10A/Channel    |              |              |               |                       |                  |

75W 5 in 1 Dimming LED Driver   + 2.4G RF 

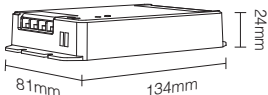
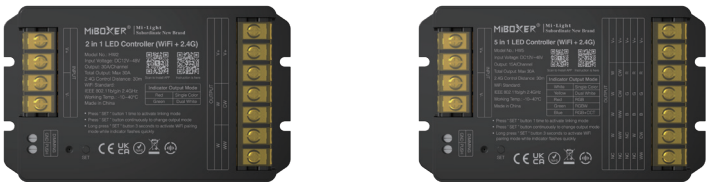
Built-in power supply



**WL5-P75V24**  
75W 5 in 1 Dimming LED Driver  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)

| Model No.  | Output Mode | Input Voltage      | Output Voltage | Output Current | Output Power | Working Temp.        | Control Signal | 2.4G RF Distance |
|------------|-------------|--------------------|----------------|----------------|--------------|----------------------|----------------|------------------|
| WL5-P75V24 | 5 in 1      | AC100-240V 50/60Hz | DC24V          | Max 3A         | 75W          | ta: 40°C<br>tc: 85°C | WiFi + 2.4G RF | 30m              |

30A Large Current Series   + 2.4G RF 



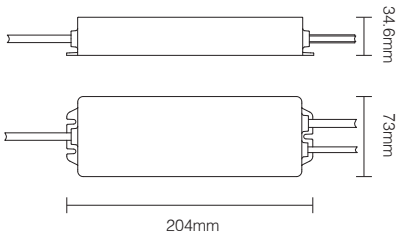
**HW2**  
2 in 1 LED Controller  
(Single Color / Dual White)

**HW5**  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)

| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal        | 2.4G RF Distance |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|-----------------------|------------------|
| HW2       | 2 in 1      | DC12V~48V     | 30A/Channel    | Max 30A      | 360-1440W    | -10~40°C      | WiFi + 2.4G RF + PUSH | 30m              |
| HW5       | 5 in 1      |               | 15A/Channel    |              |              |               |                       |                  |

150W 5 in 1 Dimming LED Driver   + 2.4G RF 

Built-in power supply



**WP5-P150V24**  
150W 5 in 1 Dimming LED Driver  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)

| Model No.   | Output Mode | Input Voltage      | Output Voltage | Output Current | Output Power | Working Temp.        | Control Signal | 2.4G RF Distance |
|-------------|-------------|--------------------|----------------|----------------|--------------|----------------------|----------------|------------------|
| WP5-P150V24 | 5 in 1      | AC100-240V 50/60Hz | DC24V          | Max 6.25A      | 150W         | ta: 40°C<br>tc: 85°C | WiFi + 2.4G RF | 30m              |



MIBOXER®

## Zigbee 3.0 Series



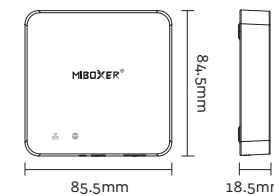
### Zigbee 3.0 Gateway

The product follows the standard protocol of Zigbee 3.0. Through the Tuya Smart app, user can add Zigbee device, group control, remote control, and third-party voice control to meet smart home and other applications.

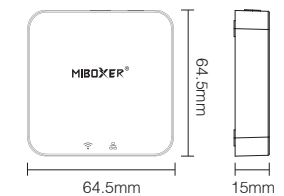
- Support zigbee 3.0 product series
- Support long-range control
- Scene customization
- Tap-to-Run & automation
- Timing setting
- Support music rhythm



ZB-Box2  
Zigbee 3.0 Wired Gateway



ZB-Box3  
Multimode Gateway  
(Zigbee 3.0 + Bluetooth mesh)

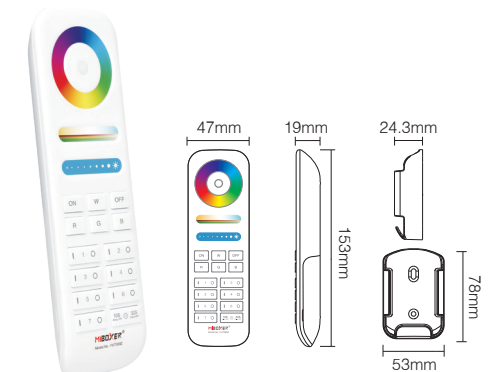


| Model No. | Input Voltage          | Wireless Technology                                   | Transmitting Power           | Working Temp. | Connected Device | Communication Distance |
|-----------|------------------------|-------------------------------------------------------|------------------------------|---------------|------------------|------------------------|
| ZB-Box2   | DC5V/1A<br>(Micro USB) | Zigbee 802.15.4                                       | Zigbee: 10dBm                | -10~40°C      | Max 128          | 100m (open area)       |
| ZB-Box3   | DC5V/1A<br>(Type-C)    | WiFi 802.11 b/g/n<br>Zigbee 802.15.4<br>Bluetooth 5.0 | WiFi: 20dBm<br>Zigbee: 10dBm |               |                  |                        |

### Zigbee 3.0 Remote

This item is made by zigbee 3.0 standard protocol with low consumption, strong ability to set up internet and anti-interference. It can control on/off, RGB color, color temperature, saturation and brightness for Zigbee 3.0 lights (Zigbee 3.0 gateway is needed). One remote device can control max 25 lights.

| Model No. | Working Voltage    | Standby Power Consumption | Transmitting Power | Working Temp. | Controllable Lights | Control Distance    |
|-----------|--------------------|---------------------------|--------------------|---------------|---------------------|---------------------|
| FUT089Z   | 3V<br>(AAA * 2PCS) | 20μA                      | 10dBm              | -10~40°C      | Max 25 Pcs          | 100m<br>(open area) |



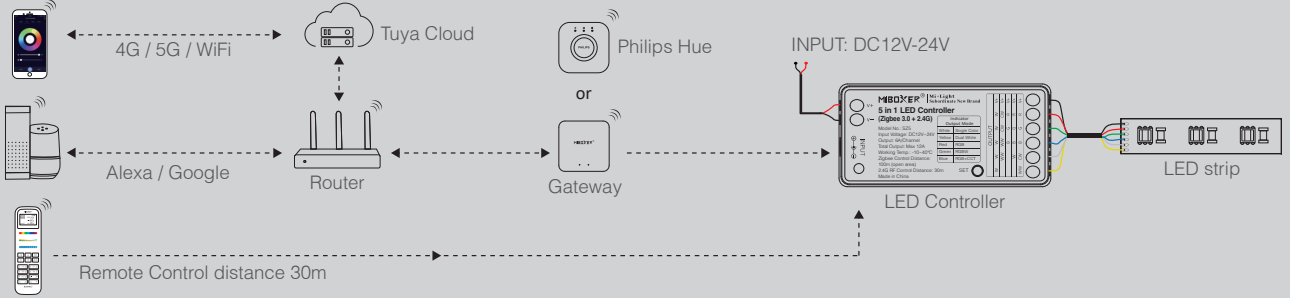
### Zigbee 3.0 PIR Sensor

Used with Zigbee 3.0 gateway to achieve the following functions: app control, smart linkage, scene linkage.

| Model No. | Battery     | Standby Power Consumption | IP Rate | Working Temp. | Detection Angle | Detection Distance |
|-----------|-------------|---------------------------|---------|---------------|-----------------|--------------------|
| PIR1-ZB   | CR123A*1PCS | 12μA                      | IP54    | -10~40°C      | 120°            | 7m                 |



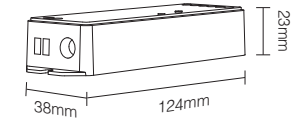
Zigbee 3.0 + 2.4G LED Controller



- Features**

  - 4096 levels of smooth dimming, no flicker
  - Support PWM frequency high and low frequency switching
  - Support power on do not disturb mode
- With synchronous forwarding function
  - Supports 12 remote controls
  - Supports saving 4 scenes
- Min brightness 0.1%
  - Dimming range 0.1%-100%
  - Logarithmic dimming curve

5 in 1 LED Controller



ZL5  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)

| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal       | Control Distance                       |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|----------------------|----------------------------------------|
| ZL5       | 5 in 1      | DC12V~48V     | 6A/Channel     | Max 15A      | 180-720W     | -10~40°C      | Zigbee 3.0 + 2.4G RF | 2.4G RF:30m<br>Zigbee:100m (open area) |

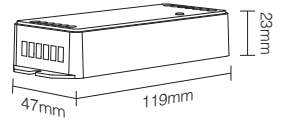
20A Large Current Series



PZ2  
2 in 1 LED Controller  
(Single Color / Dual White)



PZ5  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)

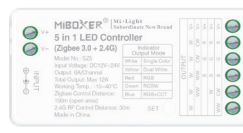


| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal              | Control Distance                       |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|-----------------------------|----------------------------------------|
| PZ2       | 2 in 1      | DC12V~48V     | 20A/Channel    | Max 20A      | 240-960W     | -10~40°C      | Zigbee 3.0 + 2.4G RF + PUSH | 2.4G RF:30m<br>Zigbee:100m (open area) |
| PZ5       | 5 in 1      |               | 10A/Channel    |              |              |               |                             |                                        |

S Series



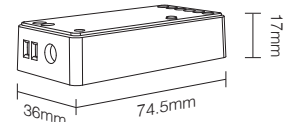
FUT035Z+ / SZ2  
2 in 1 LED Controller  
(Single Color / Dual White)



FUT037Z+  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)

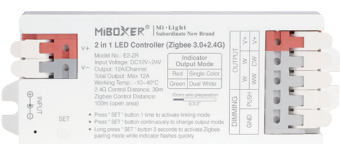


SZ5  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)

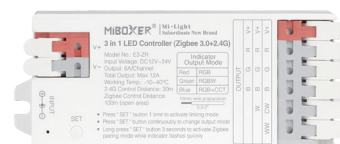


| Model No.       | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal              | Control Distance                       |
|-----------------|-------------|---------------|----------------|--------------|--------------|---------------|-----------------------------|----------------------------------------|
| FUT035Z+<br>SZ2 | 2 in 1      | DC12V~24V     | 12A/Channel    | Max 12A      | 144-288W     | -10~40°C      | Zigbee 3.0 + 2.4G RF + PUSH | 2.4G RF:30m<br>Zigbee:100m (open area) |
| FUT037Z+        | 3 in 1      |               | 6A/Channel     |              |              |               | Zigbee 3.0 + 2.4G RF        |                                        |
| SZ5             | 5 in 1      |               | 6A/Channel     |              |              |               | Zigbee 3.0 + 2.4G RF        |                                        |

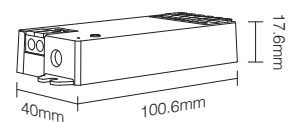
E series Tool-free instant wiring



E2-ZR  
2 in 1 LED Controller  
(Single Color / Dual White)

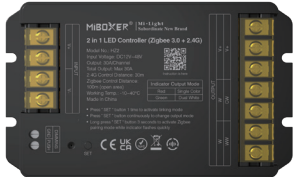


E3-ZR  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal              | Control Distance                       |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|-----------------------------|----------------------------------------|
| E2-ZR     | 2 in 1      | DC12V~24V     | 12A/Channel    | Max 12A      | 144-288W     | -10~40°C      | Zigbee 3.0 + 2.4G RF + PUSH | 2.4G RF:30m<br>Zigbee:100m (open area) |
| E3-ZR     | 3 in 1      |               | 6A/Channel     |              |              |               | Zigbee 3.0 + 2.4G RF        |                                        |

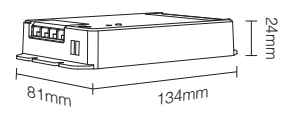
30A Large Current Series



HZ2  
2 in 1 LED Controller  
(Single Color / Dual White)



HZ5  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)



| Model No. | Output Mode | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal              | Control Distance                       |
|-----------|-------------|---------------|----------------|--------------|--------------|---------------|-----------------------------|----------------------------------------|
| HZ2       | 2 in 1      | DC12V~48V     | 30A/Channel    | Max 30A      | 360-1440W    | -10~40°C      | Zigbee 3.0 + 2.4G RF + PUSH | 2.4G RF:30m<br>Zigbee:100m (open area) |
| HZ5       | 5 in 1      |               | 15A/Channel    |              |              |               |                             |                                        |



2.4GHz Remote Series

RGB+CCT Remote

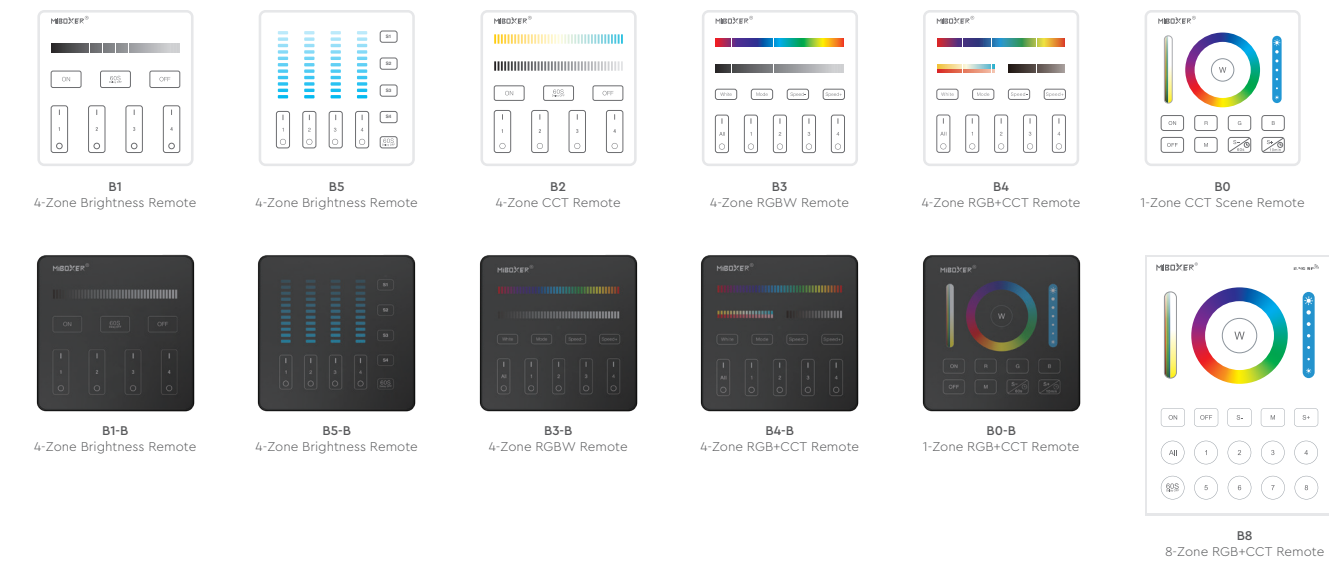
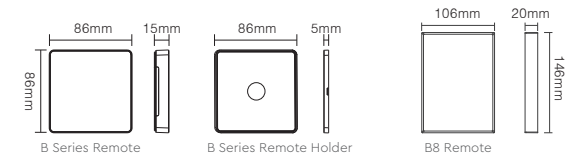


CCT & Brightness Remote



Remote Powered By Battery (Magnetic type)

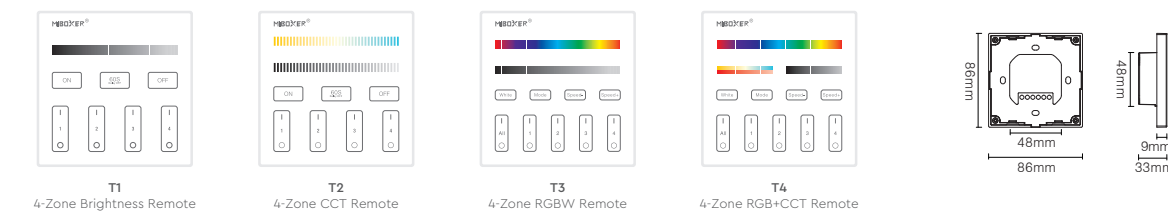
2.4G RF wireless transmission technology, Adopt a high precision capacitive touch IC, 16 Millions of colors to choose, brightness, color temperature and Saturation adjustable. Each remote can work with one or multi controllers, Control distance 30m



| Model No. | Working Voltage    | Standby Power Consumption | Transmitting Power | RF     | Control Distance | Working Temp. |
|-----------|--------------------|---------------------------|--------------------|--------|------------------|---------------|
| B Series  | 3V<br>(AAA * 2PCS) | 20μA                      | 6dBm               | 2.4GHz | 30m              | -10~40°C      |

Remote Powered By AC100-240V

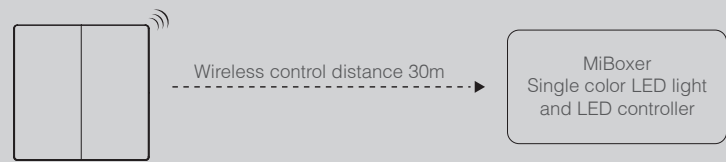
2.4G RF wireless transmission technology, Adopt a high precision capacitive touch IC, 16 Millions of colors to choose, brightness, color temperature and Saturation adjustable. Each remote can work with one or multi controllers, Control distance 30m



| Model No.          | Working Voltage       | Standby Power Consumption | Transmitting Power | RF     | Control Distance | Working Temp. |
|--------------------|-----------------------|---------------------------|--------------------|--------|------------------|---------------|
| T1 / T2<br>T3 / T4 | AC100-240V<br>50/60Hz | 0.15W                     | 6dBm               | 2.4GHz | 30m              | -10~40°C      |

2.4GHz Wireless Dimming Panel

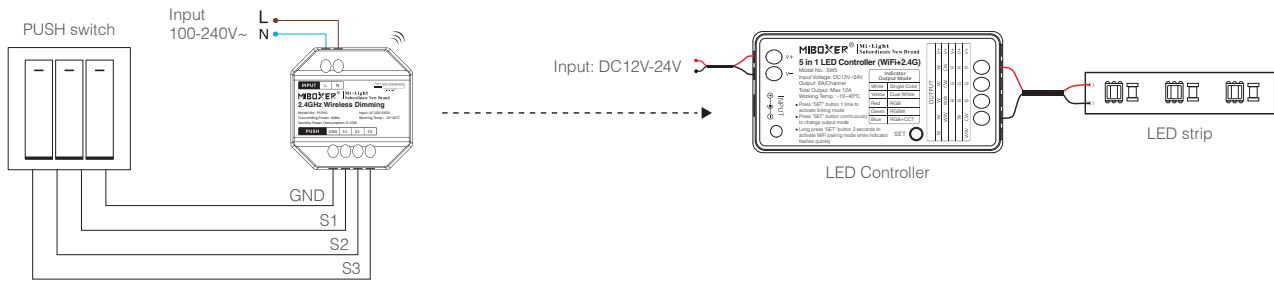
It's made by 2.4GHz wireless control technology with low power consumption, long distance, strong ability for anti-interference and quick communication. Power supply is CR2032 battery, it's compatible for MiBoxer single color LED light and LED controller.



| Model No.       | Working Voltage | Standby Power Consumption | Transmitting Power | RF     | Control Distance | Working Temp. | Size (mm)      |
|-----------------|-----------------|---------------------------|--------------------|--------|------------------|---------------|----------------|
| PUSH3 / PUSH3-2 | CR2032*1PCS     | <6μA                      | 6dBm               | 2.4GHz | 30m              | -10~40°C      | 86 x 86 x 14.5 |

2.4GHz Wireless Dimming

Connecting with reset switch to dim and ON/OFF, Portable installation into standard junction box, Control distance 30m

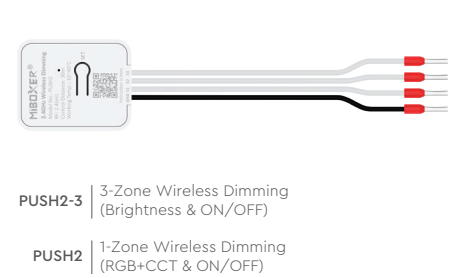


Wireless Dimming (AC100-240V)

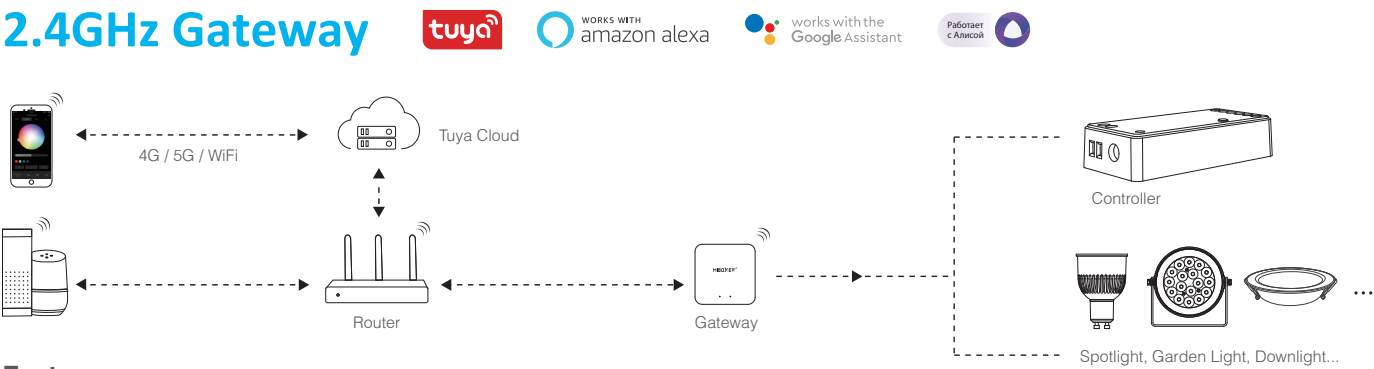


| Model No.       | Working Voltage    | Standby Power Consumption | Transmitting Power | RF     | Control Distance | Working Temp. | Size (mm)    |
|-----------------|--------------------|---------------------------|--------------------|--------|------------------|---------------|--------------|
| PUSH1 / PUSH1-3 | AC100-240V 50/60Hz | 0.15W                     | 6dBm               | 2.4GHz | 30m              | -10~40°C      | 49 x 49 x 25 |
| PUSH2 / PUSH2-3 | CR2032*1PCS        | <3μA                      |                    |        |                  |               | 39 x 31 x 11 |

Wireless Dimming (CR2032 battery)



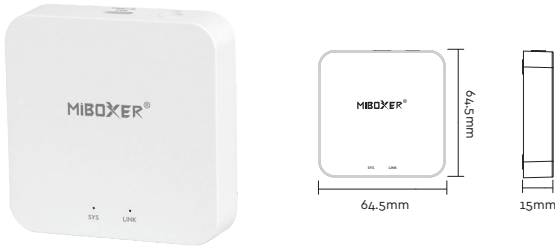
2.4GHz Gateway



Features

It's wifi bridge to connect 2.4G RF products if users need to use "Tuya Smart" App, support 4G/5G connection and third party voice control. (Note: 5G routers do not support)

- Can control 2.4G RF series products
- 2.4G RF wireless transmission technology
- WiFi wireless control
- 16 millions of colors to choose
- Color temperature adjustable
- Dim brightness/Saturation
- Smartphone app control
- Support third party voice control

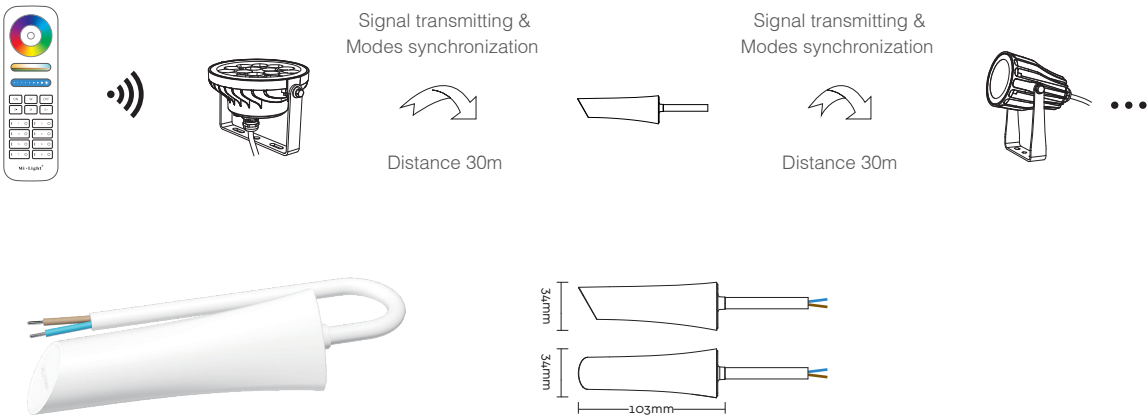


| Model No. | Input Voltage       | Wireless Technology          | Transmitting Power | RF     | Control Distance | Working Temp. | Size (mm)        |
|-----------|---------------------|------------------------------|--------------------|--------|------------------|---------------|------------------|
| WL-Box2   | DC5V/500mA (Type-C) | WiFi-IEEE 802.11b/g/n 2.4GHz | 6dBm               | 2.4GHz | 30m              | -10~40°C      | 64.5 x 64.5 x 15 |

2.4GHz RF Repeater



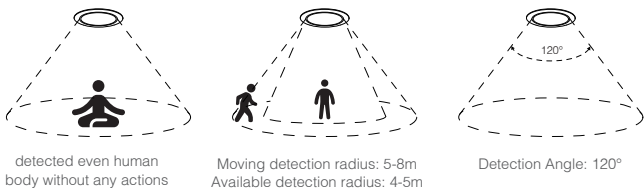
2.4G repeater usually installed in outdoor open and long distance place, main function transmit signal while the distance is over 30m. The repeater is stable signal and cheapest cost, solved the problem for long distance control. The item is 2.4G RF Repeater which support signal receiving and transmitting function. It's compatible with MiBoxer 2.4G remote series, one repeater support 12 pieces remote at the same time, the repeater is suitable for outdoor lights which install in open and long distance area.



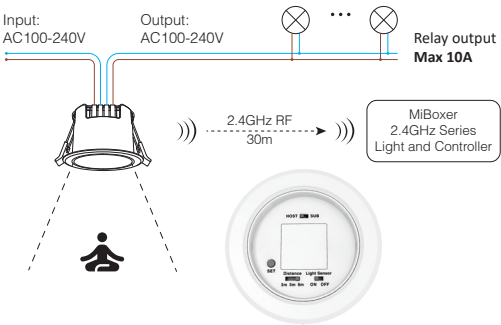
| Model No. | Input Voltage      | Standby Power Consumption | Transmitting Power | RF     | Control Distance | Working Temp. | Size (mm)     |
|-----------|--------------------|---------------------------|--------------------|--------|------------------|---------------|---------------|
| RP1       | AC100-240V 50/60Hz | 0.2W                      | 6dBm               | 2.4GHz | 30m              | -20~45°C      | 34 x 34 x 103 |

Microwave Radar Human Presence Sensor (24GHz)

- 24GHz millimeter wave radar, detect static actions like heartbeat, breathe and slight moving from human body compatible with MiBoxer 2.4G RF lighting series, easily complete smart control
- Built-in relay, AC100-240V output, wire with various lighting fixtures or electrical equipments
- Built-in light sensor, automatic turn on or off light like (turn off in the daylight and activated in the night) according to ambient light
- 120° wide detection area, detection distance is 3m/5m/8m, suitable for different space requirements
- Automatic learning and filter environmental interference, decrease false triggering

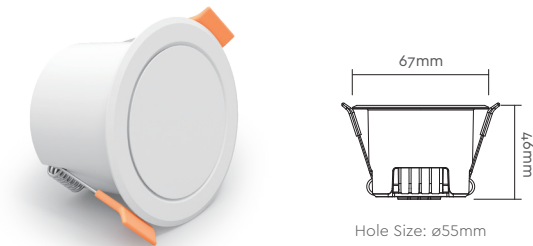
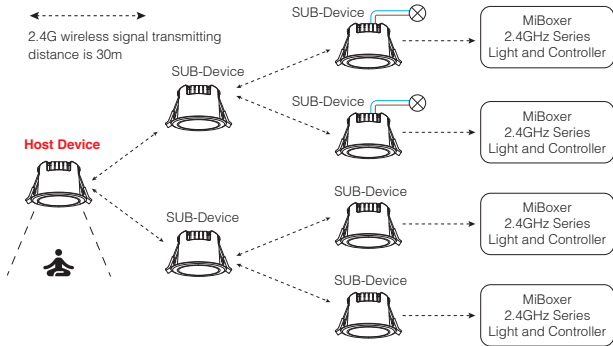


Single Control Diagram



Group control diagram

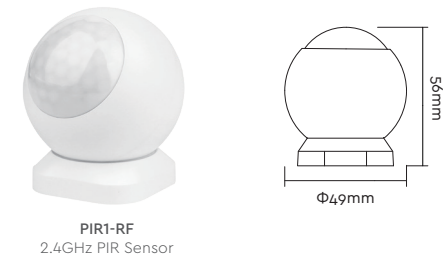
Single-point triggering with network-wide response — smart collaboration between nodes ensures continuous and reliable lighting control at all time



| Model No. | Input / Output        | Output Current | Microwave Frequency | RF     | Working Temp. | Detection Angle | Detection Distance                                                |
|-----------|-----------------------|----------------|---------------------|--------|---------------|-----------------|-------------------------------------------------------------------|
| HPS1-RF   | AC100~240V<br>50/60Hz | Max 10A        | 24GHz               | 2.4GHz | -10~40°C      | 120°            | Moving detection radius: 5-8m<br>Available detection radius: 4-5m |

PIR Sensor 2.4G RF

Lamp on when people come, lamp off when people leave, Can be paired with one or more 2.4G RF series lamps, Support hold time setting.



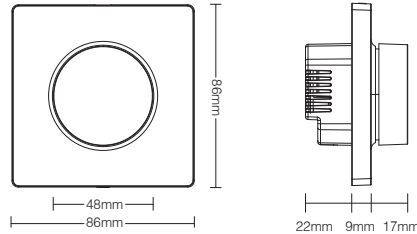
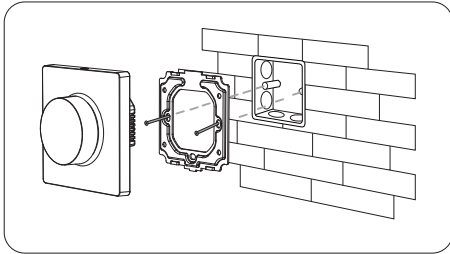
| Model No. | Battery     | Standby Power Consumption | IP Rate | Working Temp. | Detection Angle | Detection Distance |
|-----------|-------------|---------------------------|---------|---------------|-----------------|--------------------|
| PIR1-RF   | CR123A*1PCS | 12μA                      | IP54    | -10~40°C      | 120°            | 7m                 |

Rotaing Triac Dimmer



Features

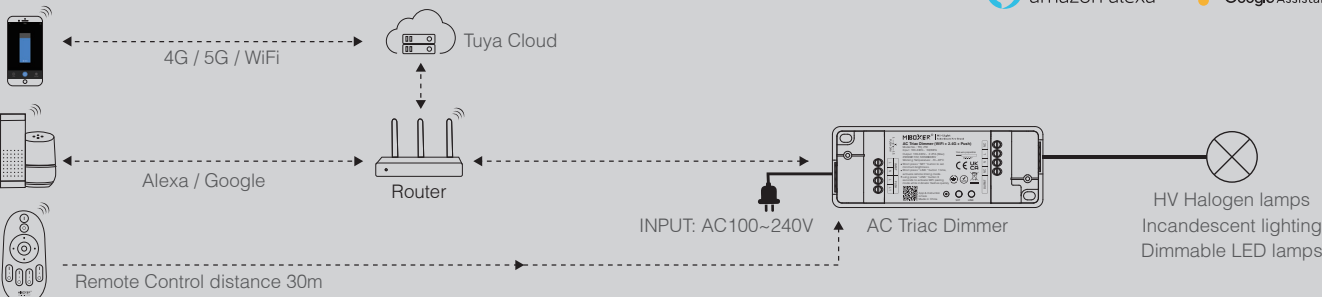
- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With forwarding function
- Supports 12 remote controls
- Supports saving 4 scenes
- 2.4G Control distance 30m
- Connecting with PUSH switch to dim and ON/OFF
- Over heating and loading protection



| Model No. | Input Voltage         | Output Voltage        | Output Current | Output Power             | Working Temp. | Control Protocol And Control Distance                       |
|-----------|-----------------------|-----------------------|----------------|--------------------------|---------------|-------------------------------------------------------------|
| TRI-K1    | AC100~240V<br>50/60Hz | AC100~240V<br>50/60Hz | Max 1.36A      | 150W @110V<br>300W @220V | -10~40°C      | 2.4G RF<br>2.4G RF: 30m                                     |
| TRI-K1WR  |                       |                       |                |                          |               | WiFi + 2.4G RF<br>2.4G RF: 30m                              |
| TRI-K1ZR  |                       |                       |                |                          |               | Zigbee + 2.4G RF<br>2.4G RF: 30m<br>Zigbee: 50m (open area) |



# Triac Series



## Features

- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With forwarding function
- Supports 12 remote controls
- Supports saving 4 scenes
- 2.4G Control distance 30m
- Connecting with PUSH switch to dim and ON/OFF
- Over heating and loading protection

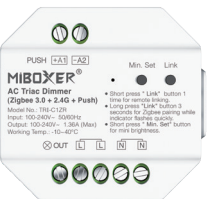
## 300W AC Triac Dimmer



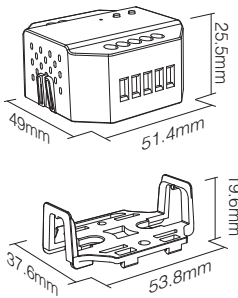
TRI-C1  
2.4G RF + PUSH  
2.4G RF Distance: 30m



TRI-C1WR  
WiFi + 2.4G RF + PUSH  
2.4G RF Distance: 30m



TRI-C1ZR  
Zigbee 3.0 + 2.4G RF + PUSH  
2.4G RF Distance: 30m  
Zigbee: 100m (open area)



| Model No.                      | Input Voltage         | Output Voltage        | Output Current | Output Power             | Working Temp. |
|--------------------------------|-----------------------|-----------------------|----------------|--------------------------|---------------|
| TRI-C1<br>TRI-C1WR<br>TRI-C1ZR | AC100~240V<br>50/60Hz | AC100~240V<br>50/60Hz | Max 1.36A      | 150W @110V<br>300W @220V | -10~40°C      |

## 500W AC Triac Dimmer



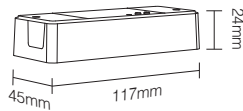
TRI-PR  
2.4G RF + PUSH  
2.4G RF Distance: 30m



TRI-PW  
WiFi + 2.4G RF + PUSH  
2.4G RF Distance: 30m



TRI-PZ  
Zigbee 3.0 + 2.4G RF + PUSH  
2.4G RF Distance: 30m  
Zigbee: 100m (open area)



| Model No.                  | Input Voltage         | Output Voltage        | Output Current | Output Power             | Working Temp. |
|----------------------------|-----------------------|-----------------------|----------------|--------------------------|---------------|
| TRI-PR<br>TRI-PW<br>TRI-PZ | AC100~240V<br>50/60Hz | AC100~240V<br>50/60Hz | Max 2.27A      | 250W @110V<br>500W @220V | -10~40°C      |

# Smart Plug & Switch Series



## Features

- Non dimmable, only support ON/OFF
- Compatible with various devices ( like lightings, plug,fans...)
- Working with C2 remote, have timer function,double communication with vibrating notice
- Tuya app control, electricity statistics function (WiFi+2.4G type)
- Third party voice control
- Push switch control

## Smart Switch Support Electricity statistics (WiFi+2.4G type)



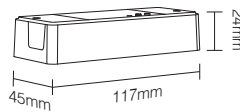
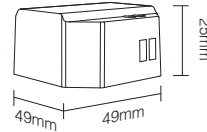
WL-SW1  
2.4G RF + PUSH



SWR  
WiFi + 2.4G RF + PUSH



SWL  
WiFi + 2.4G RF + PUSH



| Model No.            | Input Voltage         | Output Voltage        | Output Current | Output Power               | Working Temp. | Control Distance |
|----------------------|-----------------------|-----------------------|----------------|----------------------------|---------------|------------------|
| WL-SW1<br>SWR<br>SWL | AC100~240V<br>50/60Hz | AC100~240V<br>50/60Hz | Max 10A        | 1100W @110V<br>2200W @220V | -10~40°C      | 2.4G RF: 30m     |

## Smart Plug

Support Electricity statistics, Electricity calculating function detect home electricity easily



SWE01  
WiFi 16A Smart Plug  
(EU and FR)



SWK01  
WiFi+2.4G 16A Smart Plug  
(UK)

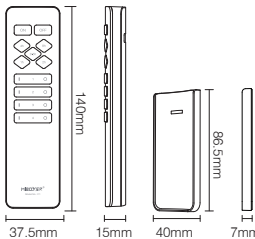
| Model No.      | Input Voltage      | Output Voltage     | Output Current | Working Temp. | WiFi Standard           |
|----------------|--------------------|--------------------|----------------|---------------|-------------------------|
| SWE01<br>SWK01 | AC180~240V 50/60Hz | AC180~240V 50/60Hz | Max 16A        | -10~40°C      | IEEE 802.11b/g/n 2.4GHz |

## C2 4-Zone Remote 2.4G RF

Supports 4 zones of independent controls, one remote can control countless devices, allowing you to control them as you wish. Support timing on/off function, and two-way communication function, with vibration feedback, providing unprecedented convenience and interactive experience.

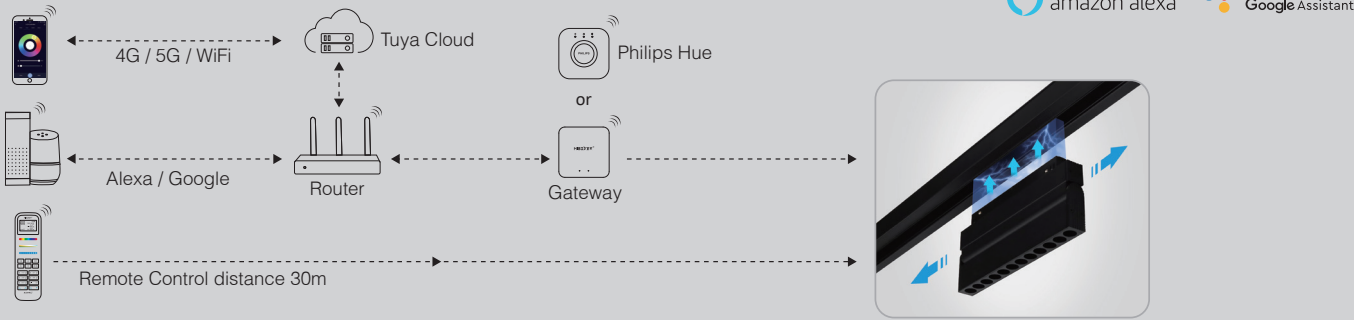
- 2.4GHz RF wireless transmission technology
- Strong magnetic base
- Delay ON/OFF function (Only support V3.0 Smart Plug and Switch)
- Vibrating feedback (Only support V3.0 Smart Plug and Switch)
- Strong magnetic base

Model No.: C2  
Working Voltage: 3V (AAA \* 2PCS)  
Standby Power Consumption: 5μA  
Transmitting Power: 6dBm  
RF: 2.4GHz  
Control Distance: 30m  
Transmission Frequency: 2400-2483.5MHz  
Working Temperature: -10~40°C



20 Type Magnetic Light Series

Applicable 20 Style Magnetic Rail



Features

- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Dimming range 0.1%-100%
- Supports saving 4 scenes
- Supports 12 remote controls
- Suitable for recessed installation and suspended applications.



Foldable Magnetic Grille Light



Color Temp.: 2700K~6500K Working Temp.: -10~40°C CRI: >80 Beam Angle: 24°

| Model No.  | Type       | Input | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance        |
|------------|------------|-------|-------|---------------------|---------------|----------------------------------------------|
| MG5-06F-RF | RGB+CCT    | DC48V | 6W    | 65LM/W              | 440LM         | 2.4G RF 25m                                  |
| MG2-10F-RF | Dual White |       | 10W   | 80LM/W              | 800LM         |                                              |
| MG5-06F-ZL | RGB+CCT    | DC48V | 6W    | 65LM/W              | 440LM         | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MG2-10F-ZL | Dual White |       | 10W   | 80LM/W              | 800LM         |                                              |

|            |            |       |     |        |        |                                              |
|------------|------------|-------|-----|--------|--------|----------------------------------------------|
| MG5-12F-RF | RGB+CCT    | DC48V | 12W | 75LM/W | 900LM  | 2.4G RF 25m                                  |
| MG2-20F-RF | Dual White |       | 20W | 75LM/W | 1530LM |                                              |
| MG5-12F-ZL | RGB+CCT    | DC48V | 12W | 75LM/W | 900LM  | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MG2-20F-ZL | Dual White |       | 20W | 75LM/W | 1530LM |                                              |

Magnetic Grille Light



Color Temp.: 2700K~6500K Working Temp.: -10~40°C CRI: >80 Beam Angle: 24°

| Model No.  | Type       | Input | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance        |
|------------|------------|-------|-------|---------------------|---------------|----------------------------------------------|
| MG5-06N-RF | RGB+CCT    | DC48V | 6W    | 65LM/W              | 440LM         | 2.4G RF 25m                                  |
| MG2-10N-RF | Dual White |       | 10W   | 80LM/W              | 800LM         |                                              |
| MG5-06N-ZL | RGB+CCT    | DC48V | 6W    | 65LM/W              | 440LM         | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MG2-10N-ZL | Dual White |       | 12W   | 80LM/W              | 800LM         |                                              |

|            |            |       |     |        |        |                                              |
|------------|------------|-------|-----|--------|--------|----------------------------------------------|
| MG5-12N-RF | RGB+CCT    | DC48V | 12W | 75LM/W | 900LM  | 2.4G RF 25m                                  |
| MG2-20N-RF | Dual White |       | 20W | 75LM/W | 1530LM |                                              |
| MG5-12N-ZL | RGB+CCT    | DC48V | 12W | 75LM/W | 900LM  | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MG2-20N-ZL | Dual White |       | 20W | 75LM/W | 1530LM |                                              |

Magnetic Floodlight



Color Temp.: 2700K~6500K Working Temp.: -10~40°C CRI: >80 Beam Angle: 120°

| Model No.  | Type       | Input | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance        |
|------------|------------|-------|-------|---------------------|---------------|----------------------------------------------|
| MF5-12A-RF | RGB+CCT    | DC48V | 12W   | 63LM/W              | 700LM         | 2.4G RF 25m                                  |
| MF2-12A-RF | Dual White |       |       | 66LM/W              | 735LM         |                                              |
| MF5-12A-ZL | RGB+CCT    | DC48V | 12W   | 63LM/W              | 700LM         | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MF2-12A-ZL | Dual White |       |       | 66LM/W              | 735LM         |                                              |

|            |            |       |     |        |        |                                              |
|------------|------------|-------|-----|--------|--------|----------------------------------------------|
| MF5-24A-RF | RGB+CCT    | DC48V | 24W | 63LM/W | 1350LM | 2.4G RF 25m                                  |
| MF2-24A-RF | Dual White |       |     | 66LM/W | 1380LM |                                              |
| MF5-24A-ZL | RGB+CCT    | DC48V | 24W | 63LM/W | 1350LM | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MF2-24A-ZL | Dual White |       |     | 66LM/W | 1380LM |                                              |

Magnetic Floodlight



Color Temp.: 2700K~6500K Working Temp.: -10~40°C CRI: >80 Beam Angle: 24°

| Model No.  | Type       | Input | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance        |
|------------|------------|-------|-------|---------------------|---------------|----------------------------------------------|
| MC5-09B-RF | RGB+CCT    | DC48V | 9W    | 45LM/W              | 400LM         | 2.4G RF 25m                                  |
| MC2-09B-RF | Dual White |       |       | 65LM/W              | 600LM         |                                              |
| MC5-09B-ZR | RGB+CCT    | DC48V | 9W    | 45LM/W              | 400LM         | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MC2-09B-ZR | Dual White |       |       | 65LM/W              | 600LM         |                                              |

Magnetic Spotlight



Color Temp.: 2700K~6500K Working Temp.: -10~40°C CRI: >80 Beam Angle: 30°

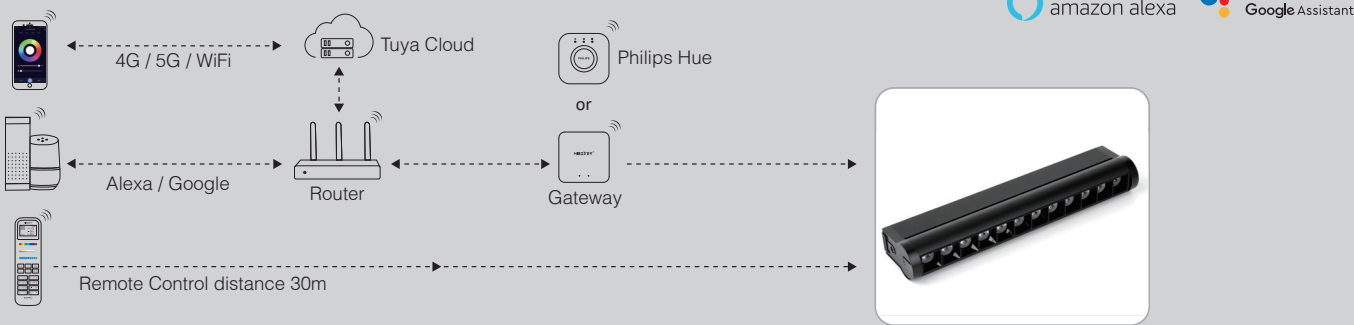
| Model No.  | Type       | Input | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance        |
|------------|------------|-------|-------|---------------------|---------------|----------------------------------------------|
| MS5-06B-RF | RGB+CCT    | DC48V | 6W    | 72LM/W              | 420LM         | 2.4G RF 25m                                  |
| MS2-06B-RF | Dual White |       |       | 86LM/W              | 520LM         |                                              |
| MS5-06B-ZR | RGB+CCT    | DC48V | 6W    | 72LM/W              | 420LM         | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MS2-06B-ZR | Dual White |       |       | 86LM/W              | 520LM         |                                              |

|            |            |       |     |        |        |                                              |
|------------|------------|-------|-----|--------|--------|----------------------------------------------|
| MS5-12B-RF | RGB+CCT    | DC48V | 12W | 82LM/W | 1000LM | 2.4G RF 25m                                  |
| MS2-12B-RF | Dual White |       |     | 93LM/W | 1100LM |                                              |
| MS5-12B-ZR | RGB+CCT    | DC48V | 12W | 82LM/W | 1000LM | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MS2-12B-ZR | Dual White |       |     | 93LM/W | 1100LM |                                              |

|            |            |       |     |        |        |                                              |
|------------|------------|-------|-----|--------|--------|----------------------------------------------|
| MS5-25B-RF | RGB+CCT    | DC48V | 25W | 75LM/W | 1800LM | 2.4G RF 25m                                  |
| MS2-25B-RF | Dual White |       |     | 79LM/W | 2000LM |                                              |
| MS5-25B-ZR | RGB+CCT    | DC48V | 25W | 75LM/W | 1800LM | zigbee + 2.4G RF 25m Zigbee: 50m (open area) |
| MS2-25B-ZR | Dual White |       |     | 79LM/W | 2000LM |                                              |

26 Type Magnetic Light Series

Applicable 26 Style Magnetic Rail



Features

- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Dimming range 0.1%-100%
- Supports saving 4 scenes
- Supports 12 remote controls
- Ultra-thin track, more suitable for surface-mounted applications.



Foldable Magnetic Grille Light



Color Temp.: 2700K~6500K Working Temp.: -10~40°C CRI: >80 Beam Angle: 24°

| Model No. | Type       | Input | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance   |
|-----------|------------|-------|-------|---------------------|---------------|-----------------------------------------|
| AR5-06B   | RGB+CCT    | DC48V | 6W    | 75LM/W              | 400LM         | 2.4G RF: 25m                            |
| AR2-12B   | Dual White |       | 12W   | 75LM/W              | 800LM         |                                         |
| AZ5-06B   | RGB+CCT    | DC48V | 6W    | 75LM/W              | 400LM         | 2.4G RF: 25m<br>Zigbee: 50m (open area) |
| AZ2-12B   | Dual White |       | 12W   | 75LM/W              | 800LM         |                                         |

Magnetic Grille Light



Color Temp.: 2700K~6500K Working Temp.: -10~40°C CRI: >80 Beam Angle: 24°

| Model No. | Type       | Input | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance   |
|-----------|------------|-------|-------|---------------------|---------------|-----------------------------------------|
| GR5-06B   | RGB+CCT    | DC48V | 6W    | 65LM/W              | 440LM         | 2.4G RF: 25m                            |
| GR2-10B   | Dual White |       | 10W   | 80LM/W              | 800LM         |                                         |
| GZ5-06B   | RGB+CCT    | DC48V | 6W    | 65LM/W              | 440LM         | 2.4G RF: 25m<br>Zigbee: 50m (open area) |
| GZ2-10B   | Dual White |       | 10W   | 80LM/W              | 800LM         |                                         |
| GR5-12B   | RGB+CCT    | DC48V | 12W   | 75LM/W              | 700LM         | 2.4G RF: 25m                            |
| GR2-20B   | Dual White |       | 20W   | 75LM/W              | 1530LM        |                                         |
| GZ5-12B   | RGB+CCT    | DC48V | 12W   | 75LM/W              | 900LM         | 2.4G RF: 25m<br>Zigbee: 50m (open area) |
| GZ2-20B   | Dual White |       | 20W   | 75LM/W              | 1530LM        |                                         |

Magnetic Floodlight



Color Temp.: 2700K~6500K Working Temp.: -10~40°C CRI: >80 Beam Angle: 120°

| Model No. | Type       | Input | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance   |
|-----------|------------|-------|-------|---------------------|---------------|-----------------------------------------|
| FR5-12B   | RGB+CCT    | DC48V | 12W   | 75LM/W              | 800LM         | 2.4G RF: 25m                            |
| FR2-12B   | Dual White |       |       |                     |               |                                         |
| FZ5-12B   | RGB+CCT    | DC48V | 12W   | 75LM/W              | 800LM         | 2.4G RF: 25m<br>Zigbee: 50m (open area) |
| FZ2-12B   | Dual White |       |       |                     |               |                                         |
| FR5-24B   | RGB+CCT    | DC48V | 24W   | 75LM/W              | 1650LM        | 2.4G RF: 25m                            |
| FR2-24B   | Dual White |       |       |                     |               |                                         |
| FZ5-24B   | RGB+CCT    | DC48V | 24W   | 75LM/W              | 1650LM        | 2.4G RF: 25m<br>Zigbee: 50m (open area) |
| FZ2-24B   | Dual White |       |       |                     |               |                                         |

Magnetic Spotlight

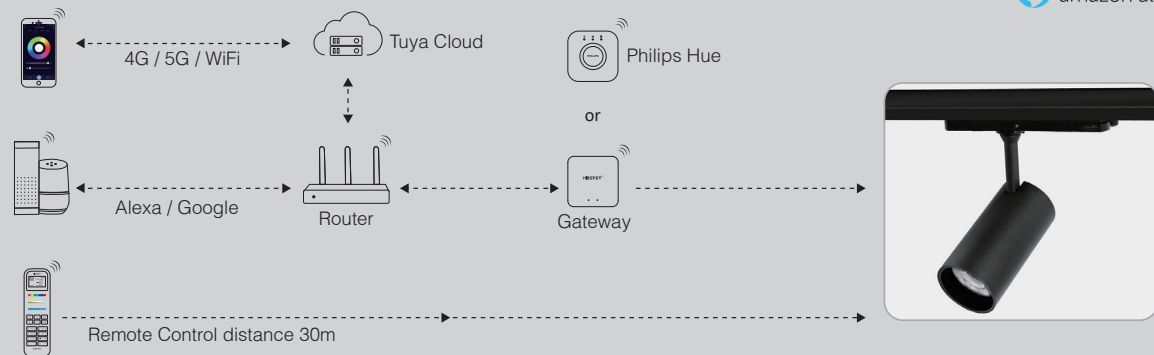


Color Temp.: 2700K~6500K Working Temp.: -10~40°C CRI: >80 Beam Angle: 30°

| Model No. | Type       | Input | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance   |
|-----------|------------|-------|-------|---------------------|---------------|-----------------------------------------|
| LR5-06B   | RGB+CCT    | DC48V | 6W    | 72LM/W              | 420LM         | 2.4G RF: 25m                            |
| LR2-06B   | Dual White |       |       | 86LM/W              | 520LM         |                                         |
| LZ5-06B   | RGB+CCT    | DC48V | 6W    | 72LM/W              | 420LM         | 2.4G RF: 25m<br>Zigbee: 50m (open area) |
| LZ2-06B   | Dual White |       |       | 86LM/W              | 520LM         |                                         |
| LR5-12B   | RGB+CCT    | DC48V | 12W   | 82LM/W              | 1000LM        | 2.4G RF: 25m                            |
| LR2-12B   | Dual White |       |       | 93LM/W              | 1100LM        |                                         |
| LZ5-12B   | RGB+CCT    | DC48V | 12W   | 82LM/W              | 1000LM        | 2.4G RF: 25m<br>Zigbee: 50m (open area) |
| LZ2-12B   | Dual White |       |       | 93LM/W              | 1100LM        |                                         |
| LR5-25B   | RGB+CCT    | DC48V | 25W   | 75LM/W              | 1800LM        | 2.4G RF: 25m                            |
| LR2-25B   | Dual White |       |       | 79LM/W              | 2000LM        |                                         |
| LZ5-25B   | RGB+CCT    | DC48V | 25W   | 75LM/W              | 1800LM        | 2.4G RF: 25m<br>Zigbee: 50m (open area) |
| LZ2-25B   | Dual White |       |       | 79LM/W              | 2000LM        |                                         |



## Four-line Track Spotlight



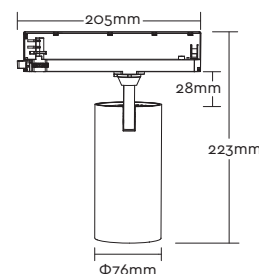
## Features

- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Supports saving 4 scenes
- Supports 12 remote controls
- Zigbee Control distance 100m (open area)
- 2.4G RF Control distance 30m



**30W Four-line Track Spotlight** 2.4G RF / zigbee + 2.4G RF

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
PF: >0.9  
CRI: >80  
Beam Angle: 30°



| Model No.                                | Type       | Input Voltage         | Power | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance                                                                                            |
|------------------------------------------|------------|-----------------------|-------|---------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------|
| TS5-30W-RF (White)<br>TS5-30B-RF (Black) | RGB+CCT    | AC100-240V<br>50/60Hz | 30W   | 63LM/W              | 1800LM        | <br>2.4G RF: 30m                            |
| TS2-30W-RF (White)<br>TS5-30B-RF (Black) | Dual White |                       |       | 70LM/W              | 2000LM        |                                                                                                                                  |
| TS5-30W-ZR (White)<br>TS5-30B-RF (Black) | RGB+CCT    | AC100-240V<br>50/60Hz | 30W   | 63LM/W              | 1800LM        | <br>2.4G RF: 30m<br>Zigbee: 50m (open area) |
| TS2-30W-ZR (White)<br>TS5-30B-RF (Black) | Dual White |                       |       | 70LM/W              | 2000LM        |                                                                                                                                  |

## RGB+CCT LED Downlight



**FUT060 25W**  
Beam Angle: 120°  
Hole Size: ø200-210mm



**FUT065 18W**  
Beam Angle: 120°  
Hole Size: ø150-160mm



**FUT069 15W**  
Beam Angle: 120°  
Hole Size: ø175-180mm



FUT066-B(Black) 12W  
FUT066 (White) 12W  
FUT066ZR (White) Zigbee 3.0 +2.4G  
Beam Angle: 120°  
Hole Size: ø145-150mm



**FUT061-B(Black) 9W**  
**FUT061 (White) 9W**  
 Beam Angle: 120°  
 Hole Size: ø110-125mm



FUT068-B(Black) 6W  
FUT068 (White) 6W  
FUT068ZR (White) Zigbee 3.0 +2.4G  
Beam Angle: 120°  
Hole Size: ø90-95mm



**FUT062 9W**  
Beam Angle: 15°  
Hole Size: ø120-125mm



**FUT063 6W**  
Beam Angle: 120°  
Hole Size: ø100mm



**FUT064 9W**  
Beam Angle: 120°  
Hole Size: 105x105mm



**FUT071 12W**  
Beam Angle: 60°  
Hole Size: ø95-100mm  
UGR: ≤19  
**Deep Anti-glare**



**FUT070 6W**   
Beam Angle: 60°  
Hole Size: ø80-85mm  
UGR: ≤19  
**Deep Anti-glare**



**FUT077**  
**FUT077ZR**  
Beam Angle: 24°  
UGR: ≤19 Hole Size: ø75mm  
**Deep Anti-glare**



**FUT078**  
**FUT078ZR**  
Beam Angle: 24°  
UGR: ≤19 Hole Size: ø60  
**Deep Anti-glare**



**FUT079**  
Beam Angle: 60°  
UGR: ≤19 Hole Size: ø75mm  
**Deep Anti-glare**  
 **IP54**  
RATING



**FUT081**  
**FUT081ZR**  
Beam Angle: 24°  
UGR: ≤19 Hole Size: ø95mm  
**Deep Anti-glare**

## Same Parameters

Input Voltage: AC100-240V 50/60Hz  
Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
PF: >0.5

## Features

- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Dimming range 0.1%-100%
- Supports saving 4 scenes
- Supports 12 remote controls

| Model No.          | Power | Luminous Efficiency | Luminous Flux | CRI | Control Protocol and Control Distance                                                                                            | Product Size (mm) |
|--------------------|-------|---------------------|---------------|-----|----------------------------------------------------------------------------------------------------------------------------------|-------------------|
| FUT060             | 25W   | 80LM/W              | 2000LM        | >80 | <br>2.4G RF: 30m                            | Φ320 x 60         |
| FUT065             | 18W   | 85LM/W              | 1500LM        |     |                                                                                                                                  | Φ180 x 58         |
| FUT069             | 15W   | 80LM/W              | 1200LM        |     |                                                                                                                                  | Φ190 x 50         |
| FUT066<br>FUT066-B | 12W   | 88LM/W              | 1100LM        |     |                                                                                                                                  | Φ180 x 40         |
| FUT061<br>FUT061-B | 9W    | 80LM/W              | 720LM         |     |                                                                                                                                  | Φ138 x 40         |
| FUT068<br>FUT068-B | 6W    | 85LM/W              | 600LM         |     |                                                                                                                                  | Φ118 x 38         |
| FUT062             | 9W    | 85LM/W              | 780LM         |     |                                                                                                                                  | Φ135 x 50         |
| FUT063             | 6W    | 80LM/W              | 500LM         |     |                                                                                                                                  | Φ108 x 52         |
| FUT064             | 9W    | 80LM/W              | 720LM         |     |                                                                                                                                  | 120 x 120 x 35    |
| FUT071             | 12W   | 85LM/W              | 1000LM        |     |                                                                                                                                  | Φ114 x 69         |
| FUT070             | 6W    | 90LM/W              | 550LM         | >90 | Φ94 x 65                                                                                                                         |                   |
| FUT077             | 9W    | 60LM/W              | 550LM         |     | Φ84 x 80                                                                                                                         |                   |
| FUT078             | 9W    | 60LM/W              | 550LM         |     | Φ65 x 67                                                                                                                         |                   |
| FUT079             | 9W    | 90LM/W              | 770LM         |     | Φ83 x 68                                                                                                                         |                   |
| FUT081             | 18W   | 60LM/W              | 1060LM        |     | Φ105 x 97                                                                                                                        |                   |
| FUT066ZR           | 12W   | 88LM/W              | 1100LM        | >80 | <br>2.4G RF: 30m<br>Zigbee: 50m (open area) | Φ180 x 40         |
| FUT068ZR           | 6W    | 85LM/W              | 600LM         | >80 |                                                                                                                                  | Φ118 x 38         |
| FUT077ZR           | 9W    | 60LM/W              | 550LM         | >90 |                                                                                                                                  | Φ84 x 80          |
| FUT078ZR           | 9W    | 60LM/W              | 550LM         | >90 |                                                                                                                                  | Φ65 x 67          |
| FUT081ZR           | 18W   | 60LM/W              | 1060LM        | >90 |                                                                                                                                  | Φ105 x 97         |

RGB+CCT / CCT LED Downlight



Same Parameters

Input Voltage: AC100-240V 50/60Hz  
Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
PF: >0.5

Features

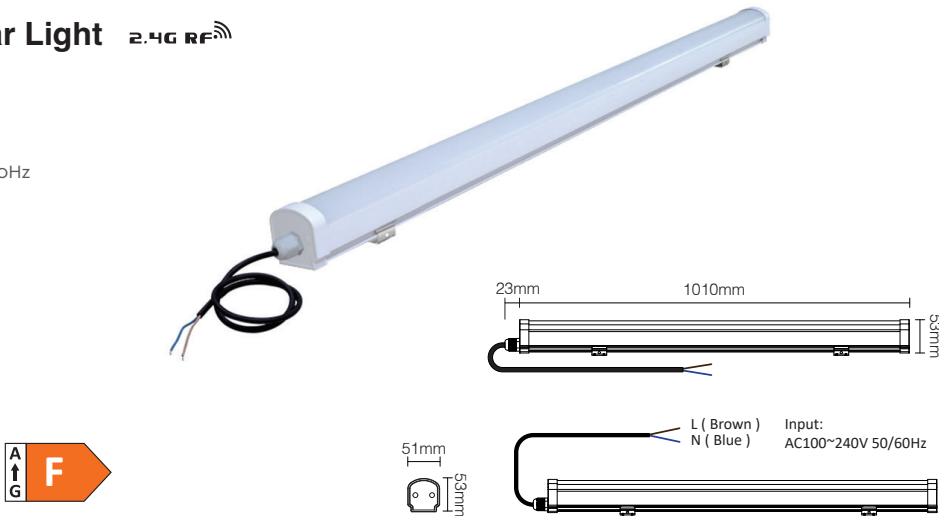
- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Supports saving 4 scenes

| Model No.  | Type    | Power | Luminous Efficiency | Luminous Flux | CRI | Control Protocol and Control Distance                                                                                            | Product Size (mm) |
|------------|---------|-------|---------------------|---------------|-----|----------------------------------------------------------------------------------------------------------------------------------|-------------------|
| FUT075     | CCT     | 9W    | 74LM/W              | 700LM         | >90 | <br>2.4G RF: 30m                              | Φ84 x 78          |
| FUT076     |         | 9W    | 74LM/W              | 700LM         |     |                                                                                                                                  | Φ65 x 70          |
| FUT084     |         | 9W    | 40LM/W              | 350LM         |     |                                                                                                                                  | Φ81 x 60          |
| DW2-06A-RF |         | 6W    | 83LM/W              | 500LM         |     |                                                                                                                                  | Φ90 x 31          |
| FUT082     | RGB+CCT | 18W   | 60LM/W              | 550LM         | >80 | <br>2.4G RF: 30m<br>Zigbee: 50m (open area) | Φ103 X 69         |
| FUT083     |         | 9W    | 90LM/W              | 770LM         | >90 |                                                                                                                                  | Φ81 X 60          |
| FUT075ZR   | CCT     | 9W    | 74LM/W              | 700LM         | >90 |                                                                                                                                  | Φ84 x 78          |
| FUT076ZR   |         |       | 74LM/W              | 700LM         |     |                                                                                                                                  | Φ65 x 70          |
| FUT084ZR   |         |       | 40LM/W              | 350LM         |     |                                                                                                                                  | Φ81 x 60          |
| FUT082ZR   | RGB+CCT | 18W   | 60LM/W              | 550LM         | >80 |                                                                                                                                  | Φ103 X 69         |
| FUT083ZR   |         | 9W    | 90LM/W              | 770LM         | >90 |                                                                                                                                  | Φ81 X 60          |

18W RGB+CCT LED Linear Light

Parameters

Model No.: LL1-18  
Input Voltage: AC100~240V 50/60Hz  
Power: 18W  
CRI: >80  
Color Temperature: 2700K~6500K  
Luminous Efficiency: 105LM/W  
Luminous Flux: 1900LM  
Beam Angle: 140°  
RF: 2.4GHz  
Control Distance: 30m  
IP Rate: IP66  
Working Temperature: -20~45°C  
Anti-UV grade: f2



2.4G RGB+CCT LED Bulb

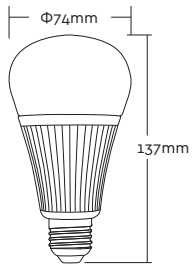
Including RGB+CCT and color temperature  
2 kinds of bulbs and candles  
Support remote control

2.4G RF



9W RGB+CCT LED Bulb

Base Type: E26 / E27 / B22  
Input: AC100-240V 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C



9W  
960LM

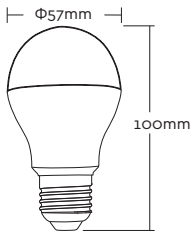
A  
↑  
G F

| Model No. | Type    | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|---------|-------------|-------|---------------------|------|------------------|
| FUT012    | RGB+CCT | 2700K~6500K | 9W    | 107LM/W             | 2.4G | 30m              |



6W RGB+CCT LED Light Bulb

Base Type: E26 / E27 / B22  
Input: AC100-240V 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C



6W  
550LM

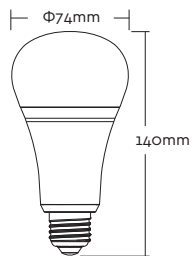
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↑  
G F

| Model No. | Type    | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|---------|-------------|-------|---------------------|------|------------------|
| FUT014    | RGB+CCT | 2700K~6500K | 6W    | 95LM/W              | 2.4G | 30m              |



12W RGB+CCT LED Bulb

Base Type: E26 / E27  
Input: AC100-240V 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C



12W  
1300LM

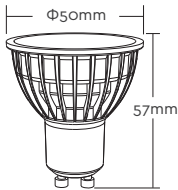
A  
↑  
G F

| Model No. | Type    | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|---------|-------------|-------|---------------------|------|------------------|
| FUT105    | RGB+CCT | 2700K~6500K | 12W   | 110LM/W             | 2.4G | 30m              |



4W GU10 RGB+CCT LED Spotlight

Base Type: GU10  
Input: AC100-240V 50/60Hz  
PF: >0.55  
CRI: >80  
Beam Angle: 25°  
Working Temp.: -10~40°C

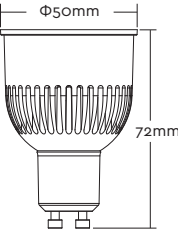


| Model No. | Type    | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|---------|-------------|-------|---------------------|------|------------------|
| FUT103    | RGB+CCT | 2700K~6500K | 4W    | 80LM/W              | 2.4G | 30m              |



6W GU10 RGB+CCT LED Spotlight

Base Type: GU10  
Input: AC100-240V 50/60Hz  
PF: >0.55  
CRI: >80  
Beam Angle: 30°  
Working Temp.: -10~40°C

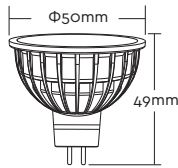


| Model No. | Type    | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|---------|-------------|-------|---------------------|------|------------------|
| FUT106    | RGB+CCT | 2700K~6500K | 6W    | 90LM/W              | 2.4G | 30m              |



4W MR16 RGB+CCT LED Spotlight

Base Type: MR16  
Input: AC / DC 12V  
CRI: >80  
Beam Angle: 25°  
Working Temp.: -10~40°C

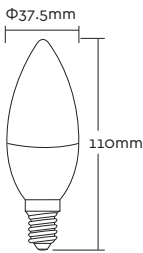


| Model No. | Type    | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|---------|-------------|-------|---------------------|------|------------------|
| FUT104    | RGB+CCT | 2700K~6500K | 4W    | 100LM/W             | 2.4G | 30m              |



4W RGB+CCT Candle Light

Base Type: E14  
Input: AC100-240V 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 180°  
Working Temp.: -10~40°C

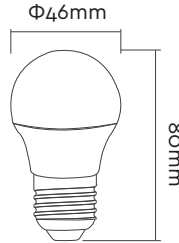


| Model No. | Type    | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|---------|-------------|-------|---------------------|------|------------------|
| FUT108    | RGB+CCT | 2700K~6500K | 4W    | 80LM/W              | 2.4G | 30m              |



4W RGB+CCT LED Bulb

Base Type: E26 / E27 / B22  
Input: AC100-240V 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C



| Model No. | Type    | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|---------|-------------|-------|---------------------|------|------------------|
| FUT110    | RGB+CCT | 2700K~6500K | 4W    | 95LM/W              | 2.4G | 30m              |

2.4G Dual White LED Bulb

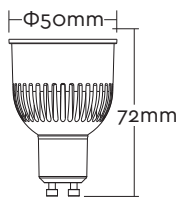
Dual White bulb and candle light,  
adjustable color temp. and brightness,  
Support remote control

2.4G RF



6W GU10 Dual White LED Spotlight

Base Type: GU10  
Input: AC100-240V 50/60Hz  
PF: >0.55  
CRI: >80  
Beam Angle: 30°  
Working Temp.: -10~40°C

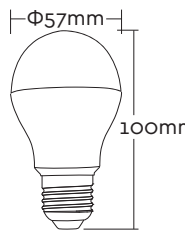


| Model No. | Type | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|------|-------------|-------|---------------------|------|------------------|
| FUT107    | CCT  | 2700K~6500K | 6W    | 95LM/W              | 2.4G | 30m              |



6W Dual White LED Light Bulb

Base Type: E26 / E27 / B22  
Input: AC100-240V 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C



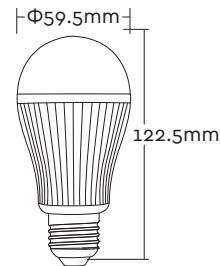
| Model No. | Type | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|------|-------------|-------|---------------------|------|------------------|
| FUT017    | CCT  | 2700K~6500K | 6W    | 85LM/W              | 2.4G | 30m              |





### 9W Dual White LED Light Bulb

Base Type: E26 / E27 / B22  
Input: AC100-240V 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C

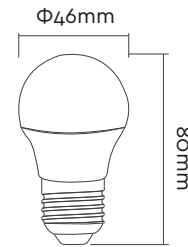


| Model No. | Type | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|------|-------------|-------|---------------------|------|------------------|
| FUT019    | CCT  | 2700K~6500K | 9W    | 95LM/W              | 2.4G | 30m              |



### 4W Dual White LED Bulb

Base Type: E26 / E27 / B22  
Input: AC100-240V 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C



| Model No. | Type | Color Temp. | Power | Luminous Efficiency | RF   | Control Distance |
|-----------|------|-------------|-------|---------------------|------|------------------|
| FUT111    | CCT  | 2700K~6500K | 4W    | 100LM/W             | 2.4G | 30m              |

## Zigbee 3.0 + 2.4G

### LED Light Bulb/Spotlight

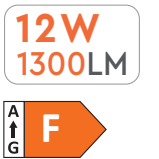
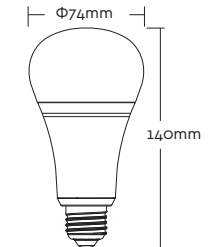
Bulbs always used in smart home decoration, zigbee bulbs support network and communicate with other zigbee device, smart and automatic home for your life.

- 16 Millions of colors to choose
- Color temperature, Dim brightness
- Saturation adjustable
- 2.4G RF remote control (Control distance 30m)



### 12W RGB+CCT LED Bulb

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
Rated Current: 0.18A  
PF: >0.5  
CRI: >80  
Base Type: E27 / E26 / B22

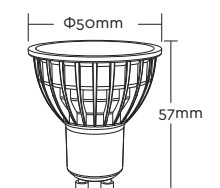


| Model No. | Input Voltage      | Luminous Efficiency | Beam Angle | Control Distance        |              |
|-----------|--------------------|---------------------|------------|-------------------------|--------------|
| FUT105ZR  | AC100-240V 50/60Hz | 110LM/W             | 220°       | Zigbee: 50m (open area) | 2.4G RF: 30m |



### 4W GU10 RGB+CCT LED Spotlight

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
Rated Current: 0.07A  
PF: >0.55  
CRI: >80  
Base Type: GU10

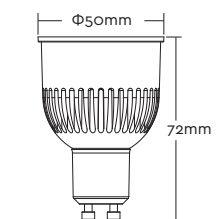


| Model No. | Input Voltage      | Luminous Efficiency | Beam Angle | Control Distance        |              |
|-----------|--------------------|---------------------|------------|-------------------------|--------------|
| FUT103ZR  | AC100-240V 50/60Hz | 80LM/W              | 25°        | Zigbee: 50m (open area) | 2.4G RF: 30m |



### 6W GU10 RGB+CCT LED Spotlight

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
Rated Current: 0.11A  
PF: >0.55  
CRI: >80  
Base Type: GU10



| Model No. | Input Voltage      | Luminous Efficiency | Beam Angle | Control Distance        |              |
|-----------|--------------------|---------------------|------------|-------------------------|--------------|
| FUT106ZR  | AC100-240V 50/60Hz | 90LM/W              | 30°        | Zigbee: 50m (open area) | 2.4G RF: 30m |



# MiBOXER®

## OUTDOOR LIGHTING

### RGB+CCT LED Floodlight



FUTT05 10W  
Luminous Flux: 1000LM  
Illumination Distance: >8m



FUTT04 20W  
Luminous Flux: 2300LM  
Illumination Distance: >12m



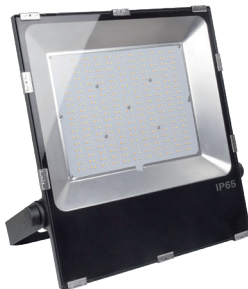
FUTT03 30W  
FUTT03ZR (Zigbee 3.0 +2.4G)  
Luminous Flux: 3300LM  
Illumination Distance: >18m



FUTT02 50W  
FUTT02ZR (Zigbee 3.0 +2.4G)  
Luminous Flux: 4800LM  
Illumination Distance: >25m



FUTT07 100W  
FUTT07ZR (Zigbee 3.0 +2.4G)  
Luminous Flux: 10000LM  
Illumination Distance: >35m



FUTT08 200W  
Luminous Flux: 18400LM  
Illumination Distance: >50m

#### Same Parameters

Input Voltage: AC100-240V 50/60Hz  
Color Temp.: 2700K~6500K  
Working Temp.: -20~45°C  
CRI: >80  
Beam Angle: 160°

#### Features

- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Supports 12 remote controls
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Supports saving 4 scenes



| Model No. | Power | PF    | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance                              | Product Size (mm)  |
|-----------|-------|-------|---------------------|---------------|--------------------------------------------------------------------|--------------------|
| FUTT05    | 10W   | >0.5  | 100LM/W             | 1000LM        | <b>2.4G RF</b><br>2.4G RF: 30m                                     | 166 x 107 x 32     |
| FUTT04    | 20W   | >0.5  | 115LM/W             | 2300LM        |                                                                    | 216.5 x 152 x 40   |
| FUTT03    | 30W   | >0.9  | 110LM/W             | 3300LM        |                                                                    | 222.5 x 167 x 40   |
| FUTT02    | 50W   | >0.9  | 96LM/W              | 4800LM        |                                                                    | 310.5 x 220 x 47.5 |
| FUTT07    | 100W  | >0.9  | 100LM/W             | 10000LM       |                                                                    | 402.3 x 295 x 53.5 |
| FUTT08    | 200W  | >0.95 | 90LM/W              | 18400LM       |                                                                    | 470.2 x 360 x 53.5 |
| FUTT03ZR  | 30W   | >0.9  | 110LM/W             | 3300LM        | <b>zigbee + 2.4G RF</b><br>2.4G RF: 30m<br>Zigbee: 50m (open area) | 222.5 x 167 x 40   |
| FUTT02ZR  | 50W   | >0.9  | 96LM/W              | 4800LM        |                                                                    | 310.5 x 220 x 47.5 |
| FUTT07ZR  | 100W  | >0.9  | 100LM/W             | 10000LM       |                                                                    | 402.3 x 295 x 53.5 |



RGB+CCT LED Garden Light



**FUTC04 6W**  
FUTC04ZR (Zigbee 3.0 +2.4G)  
Beam Angle: 25°  
Illumination Distance: >10m

**IP66 RATING**



**FUTC08 6W**  
Beam Angle: 25°  
Illumination Distance: >10m

**IP66 RATING**



**FUTC02 9W**  
FUTC02ZR (Zigbee 3.0 +2.4G)  
Beam Angle: 15°  
Illumination Distance: >10m

**IP66 RATING**



**FUTC11 12W**  
FUTC11ZR (Zigbee 3.0 +2.4G)  
Beam Angle: 30°  
Illumination Distance: >10m

**IP66 RATING**



**FUTC09 18W**  
Beam Angle: 25°  
Illumination Distance: >10m

**IP66 RATING**



**FUTC03 15W**  
FUTC03ZR 15W  
Beam Angle: 15°  
Illumination Distance: >15m

**IP66 RATING**



**FUTC05 25W**  
FUTC05ZR 25W  
Beam Angle: 15°  
Illumination Distance: >15m

**IP65 RATING**



**FUTC06 50W**  
Beam Angle: 25°  
Illumination Distance: >15m

**IP65 RATING**



**FUTC07 100W**  
Beam Angle: 25°  
Illumination Distance: >15m

**IP65 RATING**



**FUTC13 100W**  
Beam Angle: 15°  
Illumination Distance: >15m

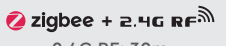
**IP66 RATING**

Same Parameters

Color Temp.: 2700K~6500K  
Working Temp.: -20~45°C  
CRI: >80

Features

- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Dimming range 0.1%-100%
- Supports saving 4 scenes
- Supports 12 remote controls

| Model No. | Power | Input Voltage         | PF   | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance                                                                                           | Product Size (mm)  |
|-----------|-------|-----------------------|------|---------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------|
| FUTC08    | 6W    | DC24V                 | —    | 100LM/W             | 600LM         | 2.4G RF: 30m                                                                                                                    | 108 x 71 x Φ60     |
| FUTC04    | 6W    | AC100-240V<br>50/60Hz | >0.5 | 90LM/W              | 550LM         | <br>2.4G RF: 30m                            | 108 x 71 x Φ60     |
| FUTC02    | 9W    |                       | >0.5 | 100LM/W             | 900LM         |                                                                                                                                 | 133 x 133 x Φ116   |
| FUTC03    | 15W   |                       | >0.5 | 100LM/W             | 1500LM        |                                                                                                                                 | 180 x 170 x Φ151   |
| FUTC11    | 12W   |                       | >0.5 | 90LM/W              | 1100LM        |                                                                                                                                 | 170 x 130 x Φ71    |
| FUTC09    | 18W   |                       | >0.5 | 85LM/W              | 1500LM        |                                                                                                                                 | 162 x 150 x Φ134   |
| FUTC05    | 25W   |                       | >0.5 | 85LM/W              | 2100LM        |                                                                                                                                 | 180 x 170 x Φ151   |
| FUTC06    | 50W   |                       | >0.9 | 80LM/W              | 4000LM        |                                                                                                                                 | 310.5 x 220 x 47.5 |
| FUTC07    | 100W  |                       | >0.9 | 75LM/W              | 7500LM        |                                                                                                                                 | 402.3 x 295 x 53.5 |
| FUTC12    | 50W   |                       | >0.9 | 80LM/W              | 4600LM        |                                                                                                                                 | 325 x 141.5 x 118  |
| FUTC13    | 100W  |                       | >0.9 | 75LM/W              | 8700LM        |                                                                                                                                 | 555 x 141.5 x 118  |
| FUTC04ZR  | 6W    | AC100-240V<br>50/60Hz | >0.5 | 90LM/W              | 550LM         | <br>2.4G RF: 30m<br>Zigbee: 50m (open area) | 71 x 108 x Φ60     |
| FUTC02ZR  | 9W    |                       | >0.5 | 100LM/W             | 900LM         |                                                                                                                                 | 133 x 133 x Φ116   |
| FUTC03ZR  | 15W   |                       | >0.5 | 100LM/W             | 1500LM        |                                                                                                                                 | 180 x 170 x Φ151   |
| FUTC11ZR  | 12W   |                       | >0.5 | 90LM/W              | 1100LM        |                                                                                                                                 | 170 x 130 x Φ71    |
| FUTC05ZR  | 25W   |                       | >0.5 | 85LM/W              | 2100LM        |                                                                                                                                 | 180 x 170 x Φ151   |

6W RGB+CCT LED Garden Light (DC24V)

Model No.: FUTC08A  
Input: DC24V  
Light Efficiency: 90LM/W  
Color Temp.: 2700K~6500K  
CRI: >80  
Beam Angle: 25°  
Working Temp.: -20~45°C  
Control Distance: 30m  
Illumination Distance: >10m

**2.4G RF**

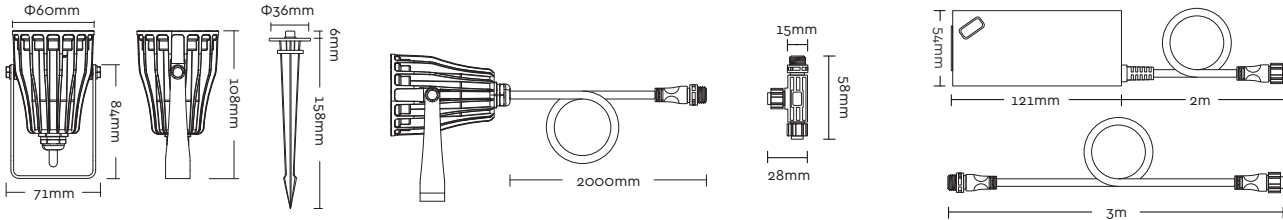
**IP66 RATING**

**6W 600LM**

**E**

Switching Power Supply

Input Voltage: AC100-240V 50/60Hz  
Rated Input Current: 1.5A Max.  
Configuration: II Conductor  
Output Voltage: DC24V  
Rating Load Current: 2.7A  
Rating Output Power: 65W  
Working Temp.: 0~45°C  
Storage Temp.: -20~80°C



| Name     | <br>6W RGB+CCT LED garden light | <br>Anti corrosion garden spike | <br>Switching power supply | <br>Power cable | <br>Male to female extension cable | <br>T type cable connector 2 pin | <br>FUT088 Remote controller | <br>Manual |
|----------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Quantity | 3 PCS                                                                                                               | 3 PCS                                                                                                               | 1 PC                                                                                                           | 1 PC                                                                                                | 2 PCS                                                                                                                  | 2 PCS                                                                                                                | 1 PC                                                                                                             | 1 PC                                                                                           |

RGB+CCT LED Wall Washer Light (2.4GHz)



**RL3-24 24W**  
Beam Angle: 15°60°  
Length 0.5m



**RL1-24 24W**  
**RL2-48 48W**  
Beam Angle: 15°60°  
Length 1m

Same Parameters

Input Voltage: AC100-240V 50/60Hz  
Color Temp.: 2700K~6500K  
Working Temp.: -20~45°C  
CRI: >80

Features

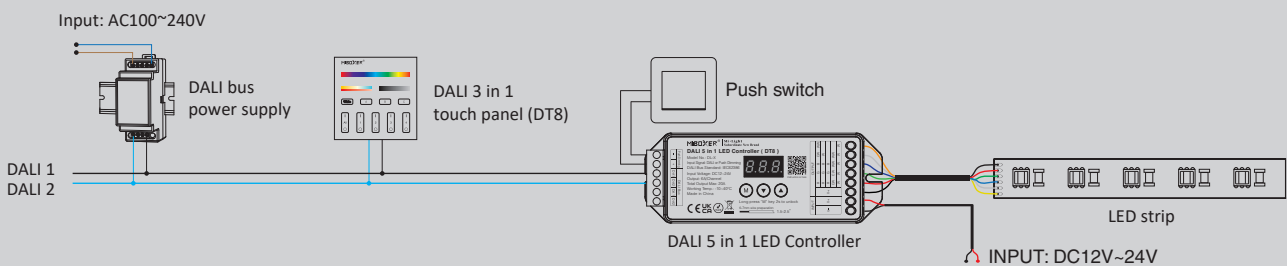
- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Supports 12 remote controls
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Supports saving 4 scenes



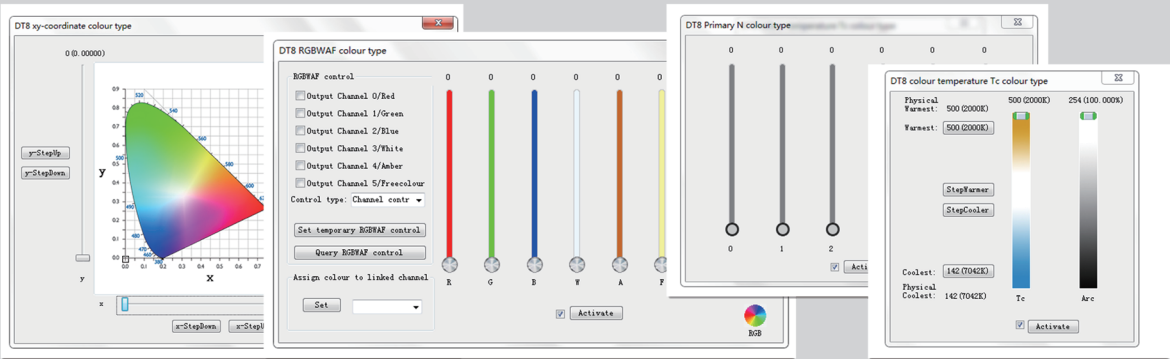
| Model No. | Power | Length | PF   | Luminous Efficiency | Luminous Flux | Control Protocol and Control Distance                                                                 | Product Size (mm) |
|-----------|-------|--------|------|---------------------|---------------|-------------------------------------------------------------------------------------------------------|-------------------|
| RL1-24    | 24W   | 1m     | >0.9 | 75LM/W              | 1800LM        | <br>2.4G RF: 30m | 1017*62*64mm      |
| RL3-24    | 24W   | 0.5m   | >0.9 | 66LM/W              | 1600LM        |                                                                                                       | 521*62*64mm       |
| RL2-48    | 48W   | 1m     | >0.9 | 65LM/W              | 3200LM        |                                                                                                       | 1017*62*64mm      |



DALI Series



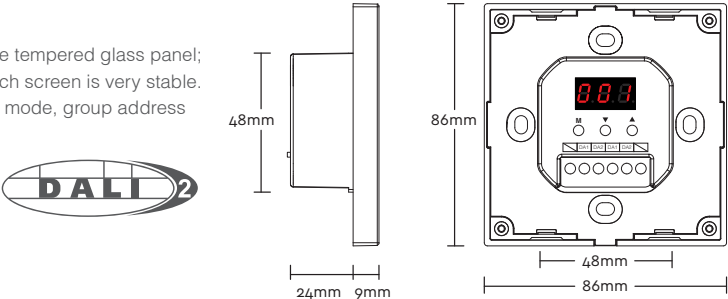
Comply with DALI standard protocol, Support DT8 type  
Support DALI standard protocol IEC62386-102, 207, 209 Support DT8 type Tc, xy coordinates, RGBWAF



DALI Touch Panel

This panel 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. Use DALI standard protocol IEC62386. Support single address mode, group address mode and broadcast mode.

- DALI Standard Protocol IEC62386
- Sensitive Touching
- LED Night Indicator
- Scratch Resistance
- The address can be set by pressing the key



DP1S  
DALI Dimming Touch Panel (DT6)



DP2S  
DALI Color Temperature Touch Panel (DT8)

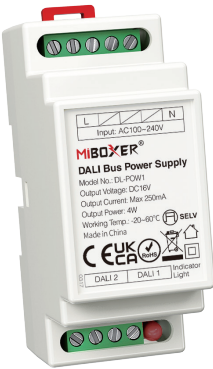


DP3S  
DALI 3 in 1 Touch Panel (DT8)

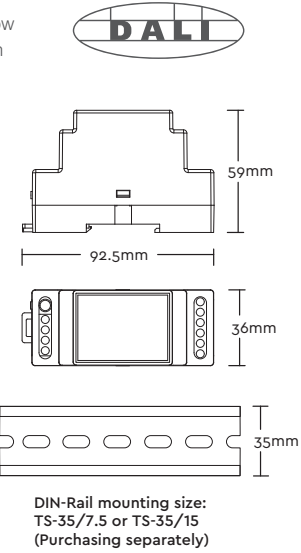
| Model No. | Power Supply | DALI Bus Standard | Output Signal | Controlling Type                                                                     | Standby Current | Working Temp. | Weight |
|-----------|--------------|-------------------|---------------|--------------------------------------------------------------------------------------|-----------------|---------------|--------|
| DP1S      | DALI Power   | IEC62386          | DALI Signal   | Dimming (DT6)                                                                        | <4mA@16V        | -10~40°C      | 145g   |
| DP2S      |              |                   |               | CCT (DT8 type: Tc)                                                                   |                 |               |        |
| DP3S      |              |                   |               | RGB(DT8 type: xy coordinates)<br>RGBW(DT8 type: RGBWAF)<br>RGB+CCT(DT8 type: RGBWAF) |                 |               |        |

DALI Bus Power Supply (DIN Rail)

DL-POW1 is a newly developed DALI BUS power supply, up to class 2 power supply standard and SELV safety extra-low voltage standard; It's with short-circuit protection and low-voltage protection; The case is with anti-fire material. Isolation Resistance: I/P-O/P:100M /500VDC/25°C/70%RH.



- Model No.: DL-POW1  
Input Voltage: AC100~240V 50/60Hz  
Input Current: 115Vac/ 0.09A, 230Vac/ 0.05A  
Leakage Current: <0.5mA/230Vac  
Inrush Current: Cold start 10A at 230Vac  
Output Voltage: DC16V  
Output Current: 250mA Max  
Max. Rated Power: 4W  
Setup Time: 115Vac<2500ms,  
Ripple & Noise: 230Vac<1500ms (at full load)  
Working Temp.: 0.2Vp-p (at full load)  
Working Humidity: -20~60°C  
20~95%RH, non-condensing

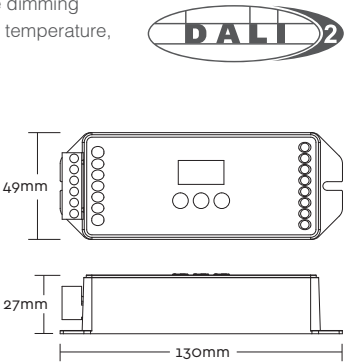


DALI 5 in 1 LED Controller (DT8)

The constant voltage LED strip controller adopts DALI standard protocol and supports DT8 type. PWM pulse dimming output, smooth brightness dimming, and strong compatibility. Five output modes, including brightness, color temperature, RGB, RGBW, RGB+CCT. Widely used in hotel lighting and home lighting control.



- 16 millions of colors to choose
- Color temperature adjustable
- Dim brightness / Saturation



| Model No. | Input Voltage | Input Signal                | DALI Bus Standard | Output     | Total Output Max | Working Temp. |
|-----------|---------------|-----------------------------|-------------------|------------|------------------|---------------|
| DL-X      | DC12~24V      | DALI Signal or Push Dimming | IEC62386          | 6A/Channel | 20A              | -10~40°C      |

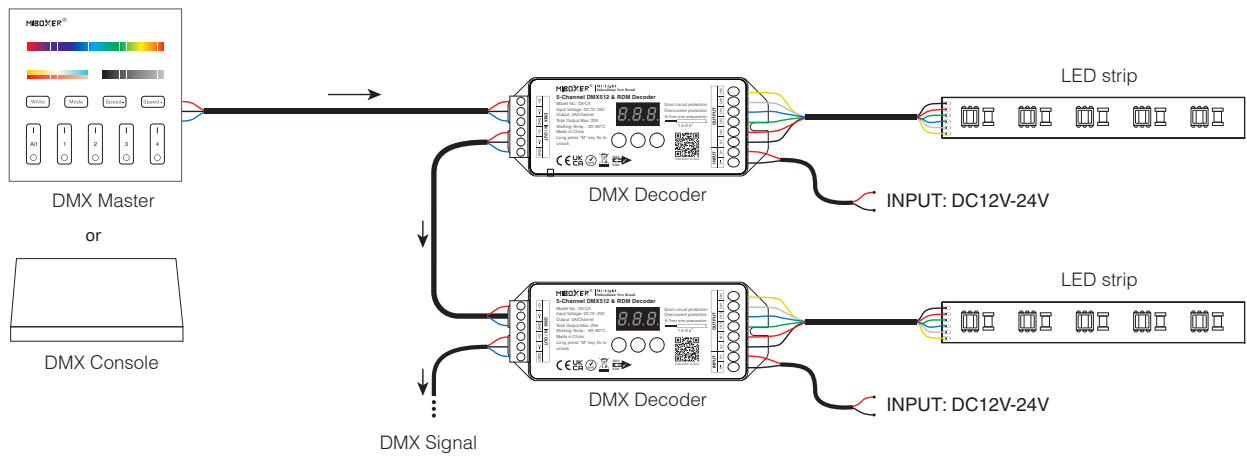
DMX Series

Features

DMX is a standard for digital communication networks that are commonly used to control lighting and effects. It was originally intended as a standardized method for controlling stage lighting dimmers, which, prior to DMX, had employed various incompatible proprietary protocols. It quickly became the primary method for linking controllers (such as a lighting console) to dimmers and special effects devices such as fog machines and intelligent lights.

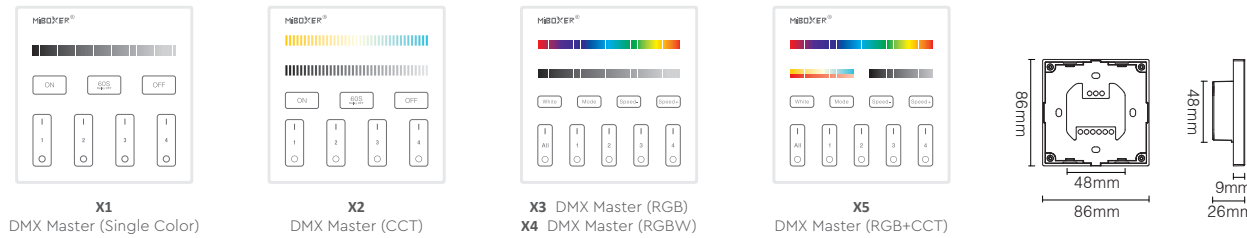
Application

Commercial lighting, Bars, Hotel, Official lighting, Restaurant,Architectural lighting.



DMX Master

- Accord with standard DMX protocol
- 4 zones control separately
- Controlled by 2.4G RF remote controller
- Smartphone controllable (need 2.4G gateway)
- High sensitive touch tempering glass
- LED indicator for touch reminding



| Model No.               | Zone | Input Voltage         | Output Signal | RF     | Transmitting Power | Control Distance | Working Temp. | Size (mm)    |
|-------------------------|------|-----------------------|---------------|--------|--------------------|------------------|---------------|--------------|
| X1 / X2 / X3<br>X4 / X5 | 4    | AC100-240V<br>50/60Hz | DMX +2.4G RF  | 2.4GHz | 6dBm               | 30m              | -10~40°C      | 86 x 86 x 26 |

DMX Decoder

Comply with DMX512, DMX512 (1990), DMX512-A, RDM V1.0 (E1.20-2006 ESTA standard) International standard agreement

- Accord with standard DMX protocol
- LED display, Setting DMX original address via button
- Support RDM function
- Optional dimming curve, PWM frequency is optional
- Anti reverse connection, short circuit and
- Over current protection
- Min brightness 0.1%
- Dimming range 0.1%-100%



D1-CX  
1-Channel Constant Voltage  
DMX & RDM Decoder



D2-CX  
2-Channel Constant Voltage  
DMX & RDM Decoder



D3-CX  
3-Channel Constant Voltage  
DMX & RDM Decoder



D4-CX  
4-Channel Constant Voltage  
DMX & RDM Decoder



D5-CX  
5-Channel Constant Voltage  
DMX & RDM Decoder

| Model No. | Occupy DMX Address | Input Voltage | Output Current | Total Output | Output Power | Working Temp. | Control Signal |
|-----------|--------------------|---------------|----------------|--------------|--------------|---------------|----------------|
| D1-CX     | 1                  | DC12V~24V     | 20A/Channel    | Max 20A      | 240-480W     | -10~40°C      | DMX            |
| D2-CX     | 2                  |               | 10A/Channel    |              |              |               |                |
| D3-CX     | 3                  |               | 6A/Channel     |              |              |               |                |
| D4-CX     | 4                  |               | 5A/Channel     |              |              |               |                |
| D5-CX     | 5                  |               | 4A/Channel     |              |              |               |                |

DMX Lighting



D5-G50 50W  
RGB+CCT LED Garden Light  
(DMX & RDM)



D5-G100 100W  
RGB+CCT LED Garden Light  
(DMX & RDM)



D5-W72 72W  
RGB+CCT LED Wall Washer Light  
(DMX & RDM)

| Model No. | Power | PF   | Luminous Flux | Beam Angle | Control Signal | Product Size (mm)  |
|-----------|-------|------|---------------|------------|----------------|--------------------|
| D5-G50    | 50W   | >0.9 | 4000LM        | 25°        | DMX & RDM      | 310.5 x 220 x 47.5 |
| D5-G100   | 100W  | >0.9 | 7500LM        | 25°        |                | 402.3 x 295 x 53.5 |
| D5-W72    | 72w   | >0.9 | 1800LM        | 15°60°     |                | 1017*62*64mm       |