



# PRODUCT CATALOGUE 2024-2025

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.



**MIBOXER<sup>®</sup>**

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stay together with all dealers  
improve business in global market

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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, underwater and underground lights.

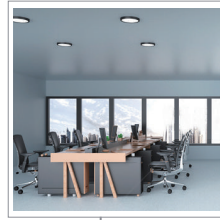






# 2009

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



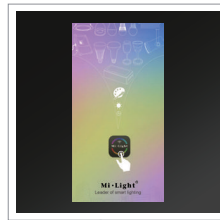
# 2012

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



# 2013

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



# 2014

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



# 2016

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



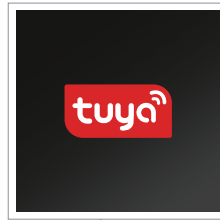
# 2017

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



# 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



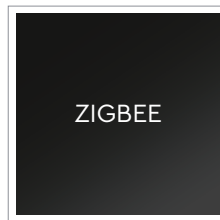
# 2019

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



# 2020

DMX512 protocol have various application for big building project, we improved old DMX512 system, the new DMX512 decoder support digital console and RDM function



# 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

# MIBOXER<sup>®</sup>

## SPI SERIES



**MIBOXER<sup>®</sup> Mi-Light Subordinate New Brand**  
**3 in 1 SPI LED Controller (2.4GHz)**

Model No.: SPIR3  
Input Voltage: DC5V~24V  
Output: MAX 10A  
Output Signal: SPI(TTL) 800kbps  
RF: 2.4GHz  
Control Distance: 30m  
Working Temperature: -10~40°C  
Made in China

Indicator Output Mode	
Red	Single Color
Green	RGB
Blue	RGBW

- Press "SET" button 1 time to activate linking mode
- Press "SET" button continuously to change output mode

CE UK CA RoHS

2.4GHz

## SPI Remote Control (2.4GHz)

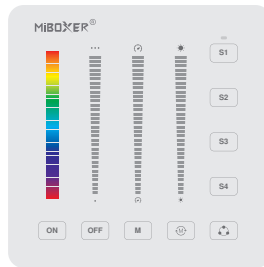
Adopts 2.4GHz wireless technology, enabling control of multiple devices within 30 meters. Features adjustable RGBW colors, speeds, brightness, and modes, supports scene saving



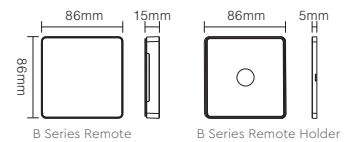
C6  
SPI Remote



B6  
SPI Remote



B6  
SPI Remote



Model No.	Zone	Working Voltage	Standby Power Consumption	Transmitting Power	RF	Control Distance	Working Temp.
C6 / B6	1	3V (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
- Control speed, brightness, direction with various dynamic mode, save 4 scene
- Animation performance while turn on or off lights
- Set up different color sorting
- 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

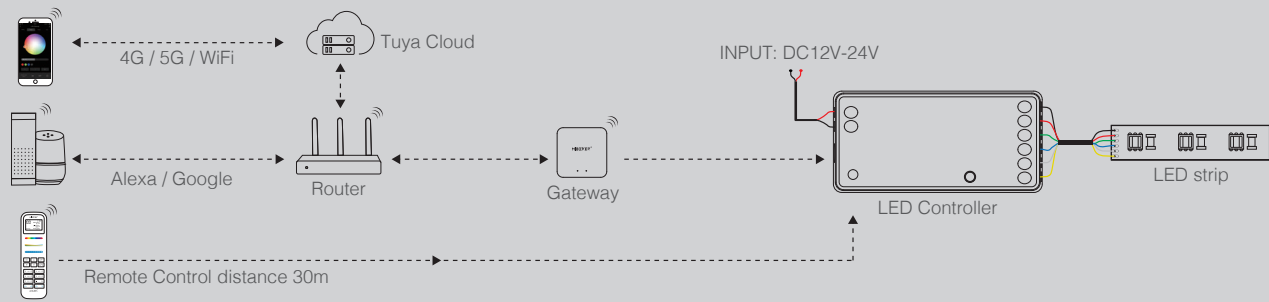


SPIR3-T  
3 in 1 SPI LED Controller  
Output: Max 10A

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



# 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 (Single Mode) 2.4G RF



**FUT035S**  
Single Color LED Controller



**FUT036S**  
Dual White LED Controller



**FUT037S**  
RGB LED Controller



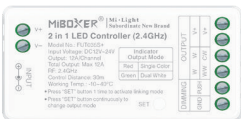
**FUT038S**  
RGBW LED Controller



**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	DC12V~24V	6A/Channel	Max 12A	144-288W	-10~40°C	2.4G RF	30m
FUT038S	RGBW		6A/Channel					
FUT039S	RGB+CCT		6A/Channel					

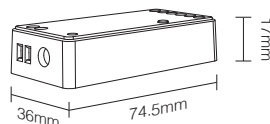
## S Series (Switchable Mode) 2.4G RF



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

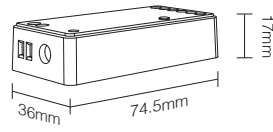
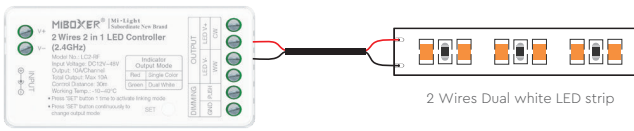


**FUT037S+**  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)



Model No.	Output Mode	Input Voltage	Output Current	Total Output	Output Power	Working Temp.	Control Signal	Control Distance
FUT035S+	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	

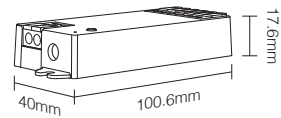
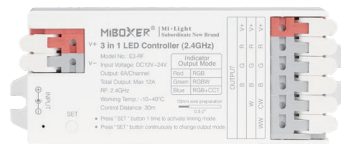
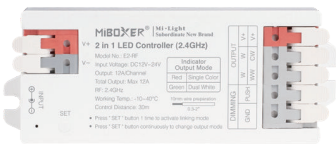
## 2 Wires 2 in 1 LED Controller 2.4G RF



**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

## E series Tool-free instant wiring 2.4G RF

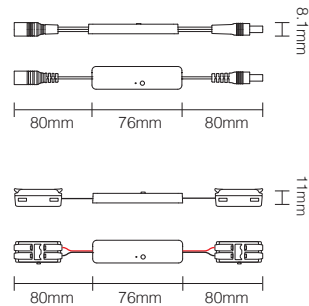


**E2-RF**  
2 in 1 LED Controller  
(Single Color / Dual White)

**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	

## Mini Single Color Controller 2.4G RF



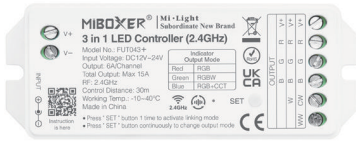
**MLR1**  
Single Color LED Controller

**MLR2**  
Single Color LED Controller

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



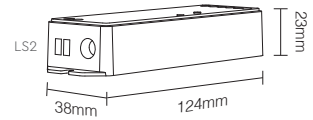
## Classic Series 2.4G RF



**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			

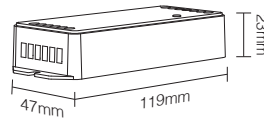
## 20A Large Current Series 2.4G RF



**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					

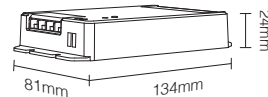
## 30A Large Current Series 2.4G RF



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



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

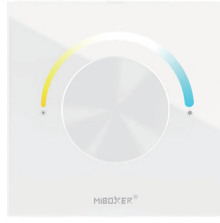


Model No.	Output Mode	Input Voltage	Output Current	Total Output	Output Power	Working Temp.	Control Signal	Control Distance
HR2	2 in 1	DC12V~48V	30A/Channel	Max 30A	360-1440W	-10~40°C	2.4G RF + PUSH	30m
HR5	5 in 1		15A/Channel					

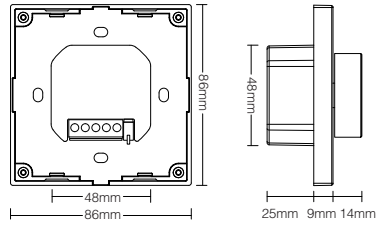
## Panel Controller 2.4G RF



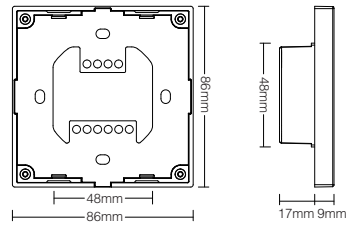
**P0 (Black)**  
2 in 1 Rotating Panel Controller  
(Single Color / Dual White)



**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	10A/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



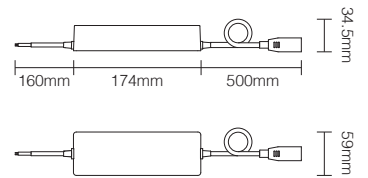
**HF1-P400V220**  
Single Color Dimming LED Driver



**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	AC220-240V 50/60Hz	DC220V	Max 1.82A	Max 400W	-10~40°C	2.4G RF	30m
HF2-P400V220	Dual White		DC220V					
HF3-P400V210	RGB		DC210V					

## Waterproof Series 2.4G RF



**FUT035S-P**  
Dual White LED Controller



**FUT036S-P**  
Single Color LED Controller



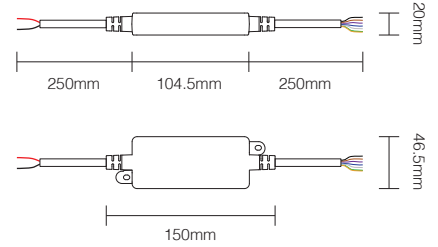
**FUT037S-P**  
RGB LED Controller



**FUT038S-P**  
RGBW LED Controller



**FUT039S-P**  
RGB+CCT LED Controller



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

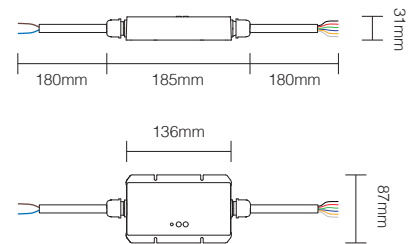
## Waterproof 5 in 1 LED Controller



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



**WL5-WP** Tuya WiFi 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						Tuya app + 2.4G RF	

## LED Controller Kits **2.4G RF**

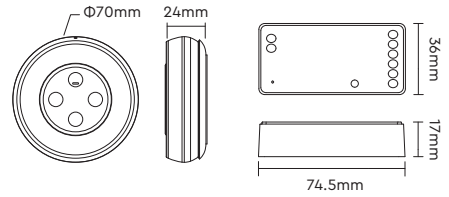
Controller kits: save money, cheaper than you purchase controller and remote separately.



**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

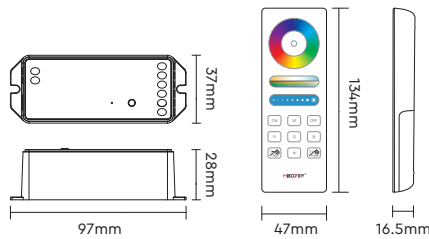
### Controller Parameters

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)



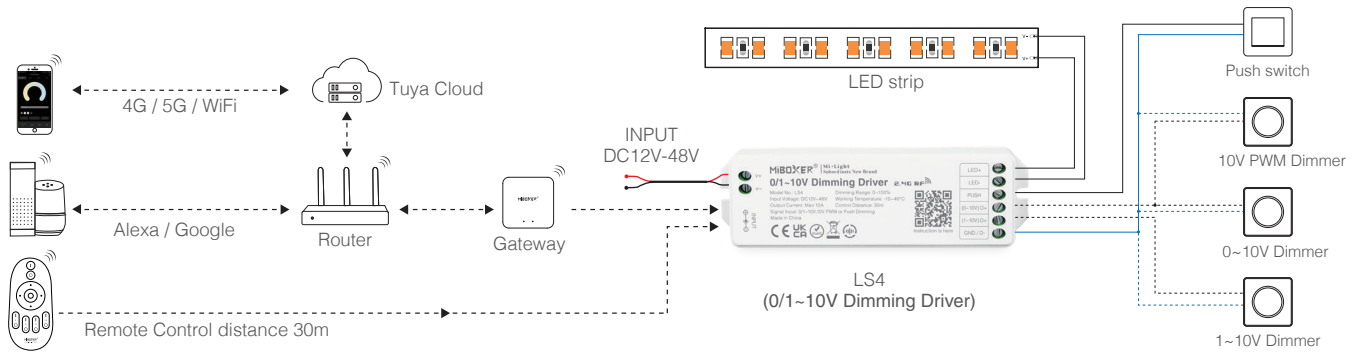
### Remote Parameters

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

### Controller Parameters

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

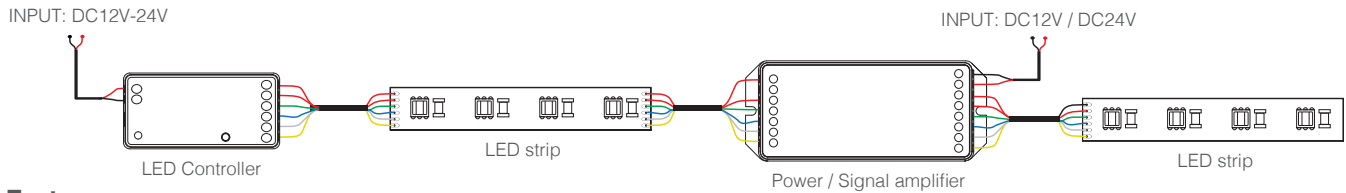
# 0-10V Dimmer



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



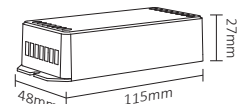
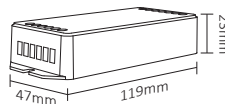
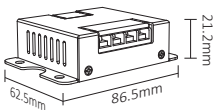
PA1  
1-Channel High Performance Amplifier



PA4  
4-Channel High Performance Amplifier



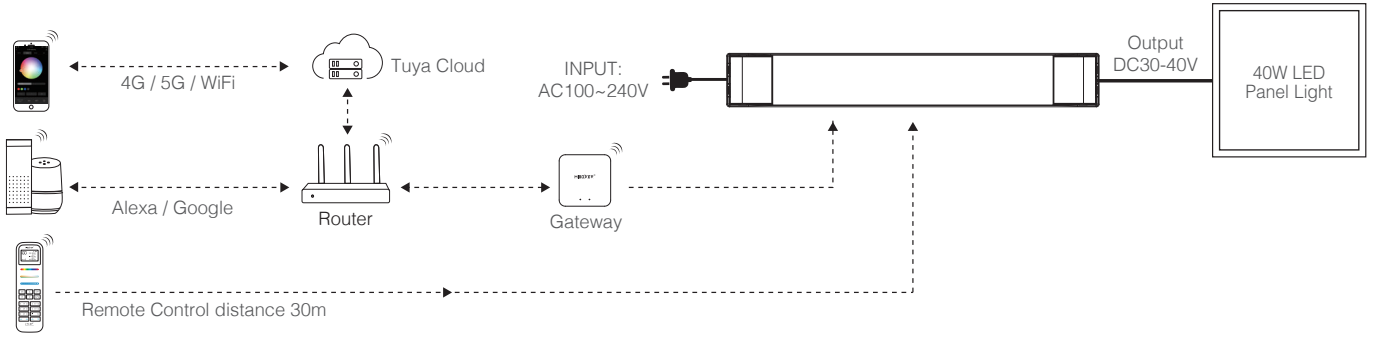
PA5  
5-Channel High Performance Amplifier



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			

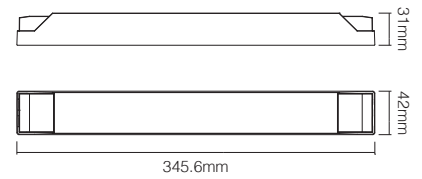


# 40W Panel Light Driver



## 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



**PL1**  
40W Single Color Panel Light Driver

**PL2**  
40W Dual White Panel Light Driver

**PL5**  
40W RGB+CCT Panel Light Driver

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

# MIBOXER<sup>®</sup>

## WiFi+2.4G Series

Support Amazon Alexa / Yandex Alice / Google Assistant Control



Download on the  
App Store

GET IT ON  
Google Play

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and Apple App store

# 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

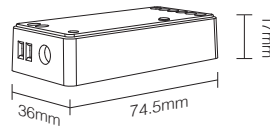
## S Series



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



**FUT037W+**  
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
FUT035W+	2 in 1	DC12V~24V	12A/Channel	Max 12A	144-288W	-10~40°C	Tuya app + 2.4G RF + PUSH	30m
FUT037W+	3 in 1		6A/Channel				Tuya app + 2.4G RF	

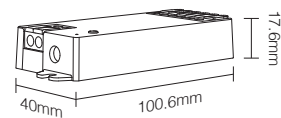
## E series Tool-free instant wiring



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

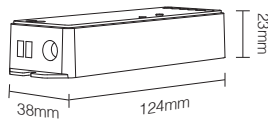
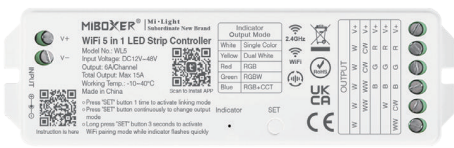


**E3-WR**  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)



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	Tuya app + 2.4G RF + PUSH	30m
E3-WR	3 in 1		6A/Channel				Tuya app + 2.4G RF	

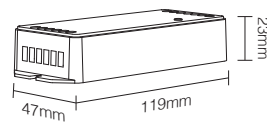
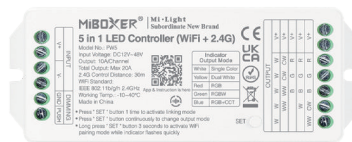
## 5 in 1 LED Controller +



**W5**  
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
W5	5 in 1	DC12V~48V	6A/Channel	Max 15A	180-720W	-10~40°C	Tuya app + 2.4G RF	30m

## 20A Large Current Series +

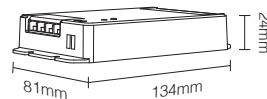
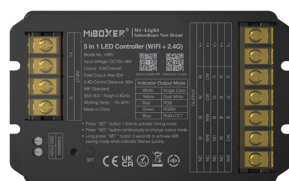
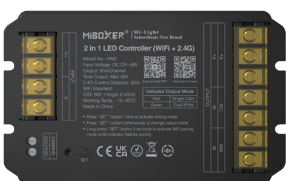


**PW2**  
2 in 1 LED Controller  
(Single Color / Dual White)

**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	Tuya app + 2.4G RF + PUSH	30m
PW5	5 in 1		10A/Channel					

## 30A Large Current Series +



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

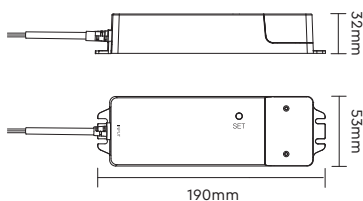
**HW5**  
5 in 1 LED Controller  
(Single Color / Dual White / RGB / RGBW / RGB+CCT)

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	Tuya app + 2.4G RF + PUSH	30m
HW5	5 in 1		15A/Channel					

## 75W 5 in 1 Dimming LED Driver

tuya® WiFi + 2.4G RF

Built-in power supply



WLS-P75V24

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

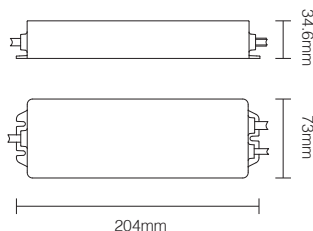
Model No.	Output Mode	Input Voltage	Output Voltage	Output Current	Output Power	Working Temp.	Control Signal	2.4G RF Distance
WLS-P75V24	5 in 1	AC100-240V 50/60Hz	DC24V	Max 3A	75W	ta: 40°C tc: 85°C	Tuya app + 2.4G RF	30m

## 150W 5 in 1 Dimming LED Driver

tuya® WiFi + 2.4G RF



Built-in power supply



WLS-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
WLS-P150V24	5 in 1	AC100-240V 50/60Hz	DC24V	Max 6.25A	150W	ta: 40°C tc: 85°C	Tuya app + 2.4G RF	30m



# MIBOXER®

## Zigbee 3.0 Series



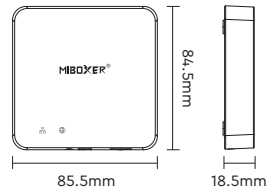
## Zigbee 3.0 Gateway

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.

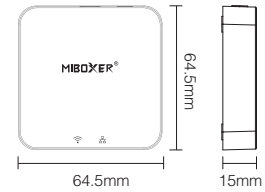
- Support zigbee 3.0 product series
- Support long-range control
- Scene customization
- Tap-to-Run & automation
- Timing setting
- Support music rhythm



**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 (Micro USB)	Zigbee 802.15.4	Zigbee: 10dBm	-10~40°C	Max 128	100m (open area)
ZB-Box3	DC5V/1A (Type-C)	WiFi 802.11 b/g/n Zigbee 802.15.4 Bluetooth 5.0	WiFi: 20dBm 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 (AAA * 2PCS)	20μA	10dBm	-10~40°C	Max 25 Pcs	100m (open area)



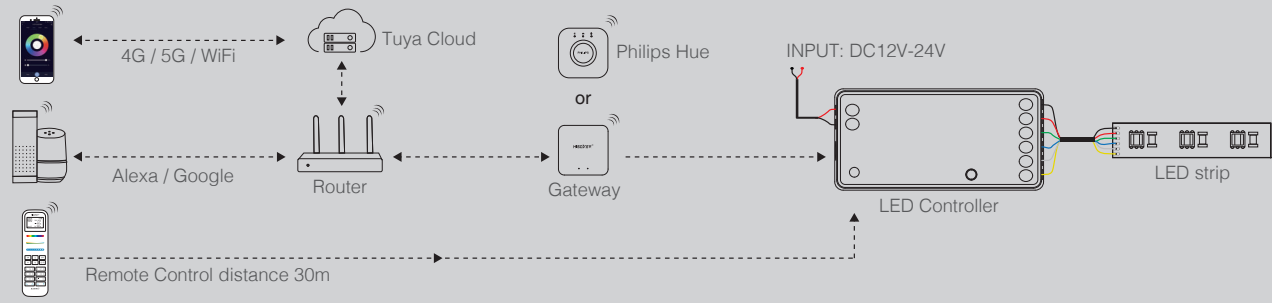
## Zigbee 3.0 PIR Sensor

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



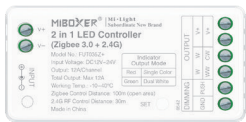
# Zigbee 3.0 + 2.4G LED Controller



## 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

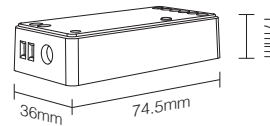
## S Series



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



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

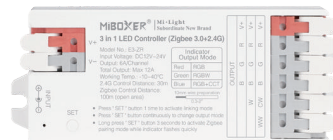


Model No.	Output Mode	Input Voltage	Output Current	Total Output	Output Power	Working Temp.	Control Signal	Control Distance
FUT035Z+	2 in 1	DC12V~24V	12A/Channel	Max 12A	144-288W	-10~40°C	Zigbee 3.0 + 2.4G RF + PUSH	2.4G RF:30m Zigbee:100m (open area)
FUT037Z+	3 in 1		6A/Channel				Zigbee 3.0 + 2.4G RF	

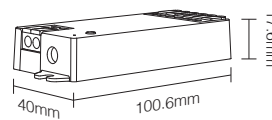
## E series



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

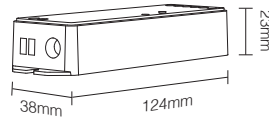
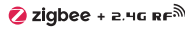


**E3-ZR**  
3 in 1 LED Controller  
(RGB / RGBW / RGB+CCT)



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 Zigbee:100m (open area)
E3-ZR	3 in 1		6A/Channel				Zigbee 3.0 + 2.4G RF	

## 5 in 1 LED Controller

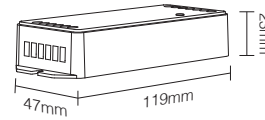
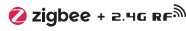


ZL5

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 Zigbee:100m (open area)

## 20A Large Current Series



PZ2

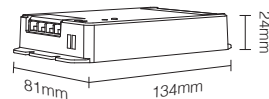
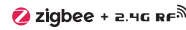
2 in 1 LED Controller  
(Single Color / Dual White)

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 Zigbee:100m (open area)
PZ5	5 in 1		10A/Channel					

## 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 Zigbee:100m (open area)
HZ5	5 in 1		15A/Channel					

# 2.4GHz Remote Series

## RGB+CCT Remote



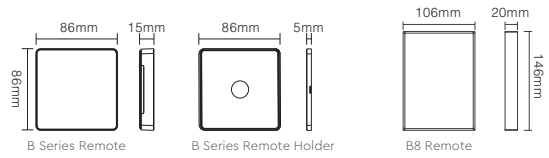
## CCT & Brightness Remote





## 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



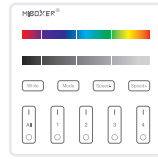
**B1**  
4-Zone Brightness Remote



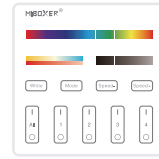
**B5**  
4-Zone Brightness Remote



**B2**  
4-Zone CCT Remote



**B3**  
4-Zone RGBW Remote



**B4**  
4-Zone RGB+CCT Remote



**B0**  
1-Zone CCT Scene Remote



**B1-B**  
4-Zone Brightness Remote



**B5-B**  
4-Zone Brightness Remote



**B3-B**  
4-Zone RGBW Remote



**B4-B**  
4-Zone RGB+CCT Remote



**B0-B**  
1-Zone RGB+CCT Remote

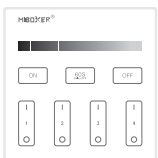


**B8**  
8-Zone RGB+CCT Remote

Model No.	Working Voltage	Standby Power Consumption	Transmitting Power	RF	Control Distance	Working Temp.
B0 / B0-B B1 / B1-B B2 B3 / B3-B B4 / B4-B B5 / B5-B B8	3V (AAA * 2PCS)	20μA	6dBm	2.4GHz	30m	-10~40°C

## Remote Powered By AC100-240V

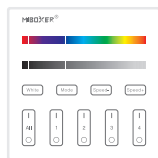
2.4G RF wireless transmission technology, Adopt a high precision capacitive touch IC, 16 Millions of colors to choose, brightness, color temperature and Saturation adjustable. Each remote can work with one or multi controllers, Control distance 30m



**T1**  
4-Zone Brightness Remote



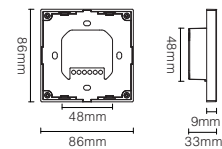
**T2**  
4-Zone CCT Remote



**T3**  
4-Zone RGBW Remote



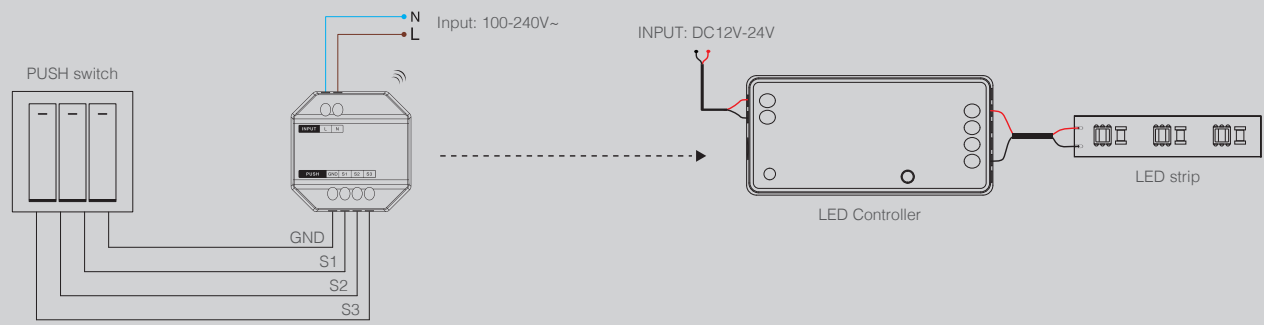
**T4**  
4-Zone RGB+CCT Remote



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

# 2.4GHz Wireless DIM

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



## Wireless DIM (AC100-240V)



**PUSH1**  
3-Zone Wireless Dimming  
(Brightness & ON/OFF)



**PUSH1-3**  
1-Zone Wireless Dimming  
(RGB+CCT & ON/OFF)

## Wireless DIM (CR2032 battery)



**PUSH2**  
3-Zone Wireless Dimming  
(Brightness & ON/OFF)



**PUSH2-3**  
1-Zone Wireless Dimming  
(RGB+CCT & ON/OFF)

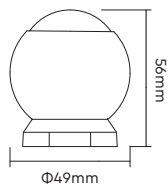
Model No.	Working Voltage	Standby Power Consumption	Transmitting Power	RF	Control Distance	Working Temp.	Size (mm)
PUSH1 / PUSH1-3	AC100-240V 50/60Hz	0.15W	6dBm	2.4GHz	30m	-10~40°C	49 x 49 x 25
PUSH2 / PUSH2-3	CR2032*1PCS	<3μA					39 x 31 x 11

# 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.

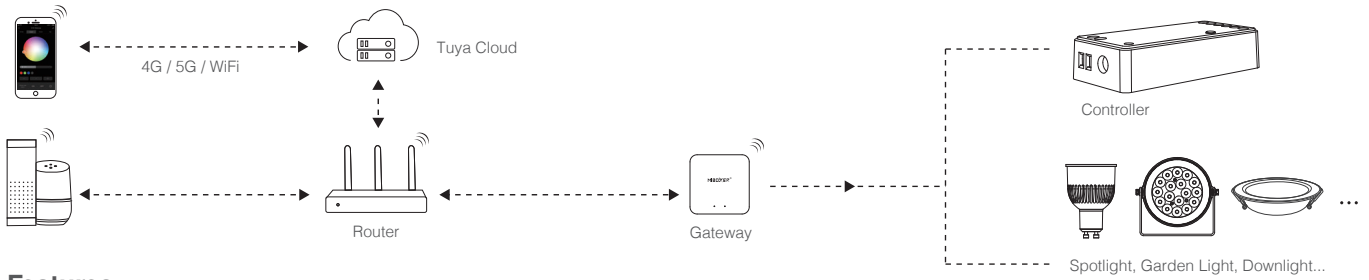


**PIR1-RF**  
2.4GHz PIR Sensor



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

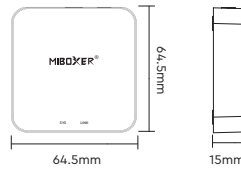
# 2.4GHz Gateway



## 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



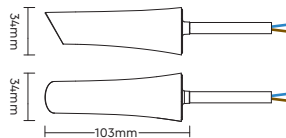
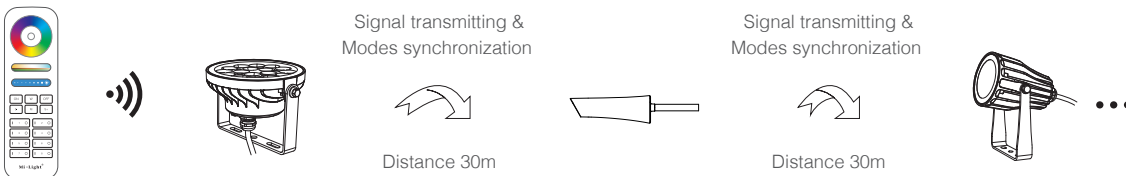
Model No.	Input Voltage	Wireless Technology	Transmitting Power	RF	Control Distance	Working Temp.	Size (mm)
WL-Box2	DC5V/500mA (Type-C)	WiFi-IEEE 802.11b/g/n 2.4GHz	6dBm	2.4GHz	30m	-10~40°C	64.5 x 64.5 x 15

# 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.

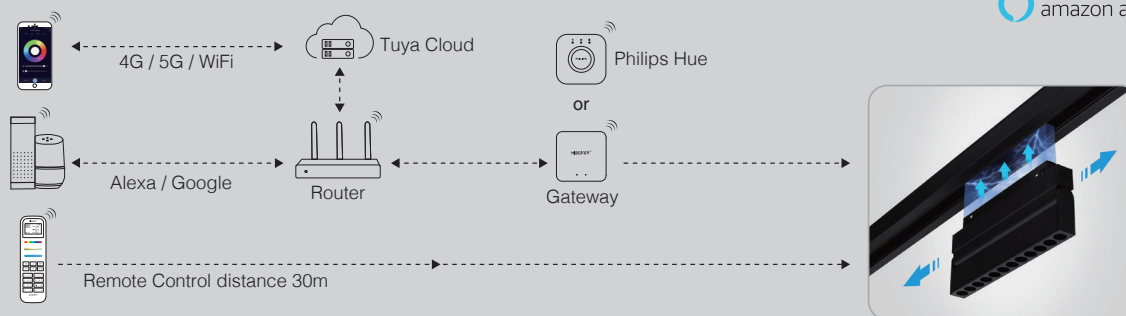
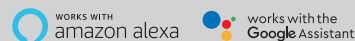
The item is 2.4G RF Repeater which support signal receiving and transmitting function. It's compatible with MiBoxer 2.4G remote series, one repeater support 12 pieces remote at the same time, the repeater is suitable for outdoor lights which install in open and long distance area.



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

# Magnetic Light Series

## Applicable 20 Style Magnetic Rail



### Features

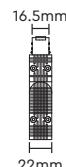
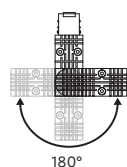
- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Supports saving 4 scenes
- Supports 12 remote controls
- Zigbee Control distance 50m (open area)
- 2.4G RF Control distance 25m



## Foldable Magnetic Grille Light

2.4G RF / zigbee + 2.4G RF

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



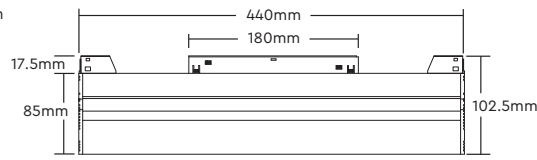
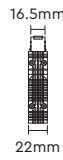
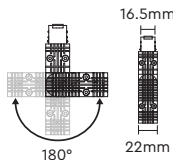
Model No.	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance
MG5-06F-RF	RGB+CCT	DC48V	6W	65LM/W	440LM	2.4G RF: 25m
MG2-10F-RF	Dual White		10W	80LM/W	800LM	
MG5-06F-ZL	RGB+CCT		6W	65LM/W	440LM	2.4G RF: 25m Zigbee: 50m (open area)
MG2-10F-ZL	Dual White		10W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



## Foldable Magnetic Grille Light

2.4G RF / zigbee + 2.4G RF

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



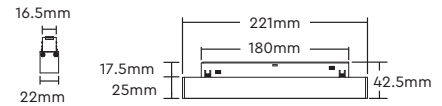
Model No.	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance
MG5-12F-RF	RGB+CCT	DC48V	12W	75LM/W	900LM	2.4G RF: 25m
MG2-20F-RF	Dual White		20W	75LM/W	1530LM	
MG5-12F-ZL	RGB+CCT		12W	75LM/W	900LM	2.4G RF: 25m Zigbee: 50m (open area)
MG2-20F-ZL	Dual White		20W	75LM/W	1530LM	

## Magnetic Grille Light

2.4G RF / zigbee + 2.4G RF



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



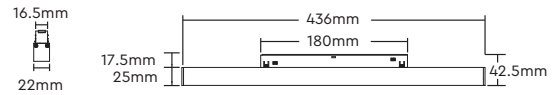
Model No.	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance
MG5-06N-RF	RGB+CCT	DC48V	6W	65LM/W	440LM	2.4G RF: 25m
MG2-10N-RF	Dual White		10W	80LM/W	800LM	
MG5-06N-ZL	RGB+CCT		6W	65LM/W	440LM	2.4G RF: 25m Zigbee: 50m (open area)
MG2-10N-ZL	Dual White		10W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

## Magnetic Grille Light

2.4G RF / zigbee + 2.4G RF



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



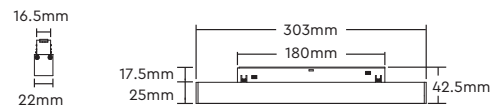
Model No.	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance
MG5-12N-RF	RGB+CCT	DC48V	12W	75LM/W	900LM	2.4G RF: 25m
MG2-20N-RF	Dual White		20W	75LM/W	1530LM	
MG5-12N-ZL	RGB+CCT		12W	75LM/W	900LM	2.4G RF: 25m Zigbee: 50m (open area)
MG2-20N-ZL	Dual White		20W	75LM/W	1530LM	

## Magnetic Floodlight

2.4G RF / zigbee + 2.4G RF



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



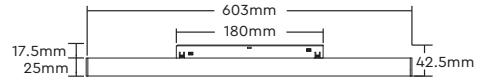
Model No.	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance
MF5-12A-RF	RGB+CCT	DC48V	12W	63LM/W	700LM	2.4G RF: 25m
MF2-12A-RF	Dual White			66LM/W	735LM	
MF5-12A-ZL	RGB+CCT			63LM/W	700LM	2.4G RF: 25m Zigbee: 50m (open area)
MF2-12A-ZL	Dual White			66LM/W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



## Magnetic Floodlight

2.4G RF / zigbee + 2.4G RF

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



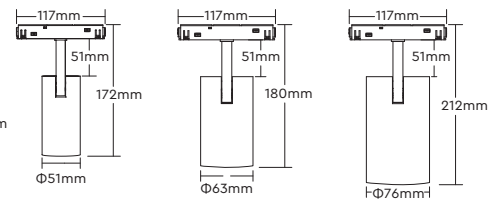
Model No.	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance
MF5-24A-RF	RGB+CCT	DC48V	24W	63LM/W	1350LM	2.4G RF: 25m
MF2-24A-RF	Dual White			66LM/W	1380LM	
MF5-24A-ZL	RGB+CCT			63LM/W	1350LM	2.4G RF: 25m Zigbee: 50m (open area)
MF2-24A-ZL	Dual White			66LM/W	1380LM	



## Magnetic Spotlight

2.4G RF / zigbee + 2.4G RF

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



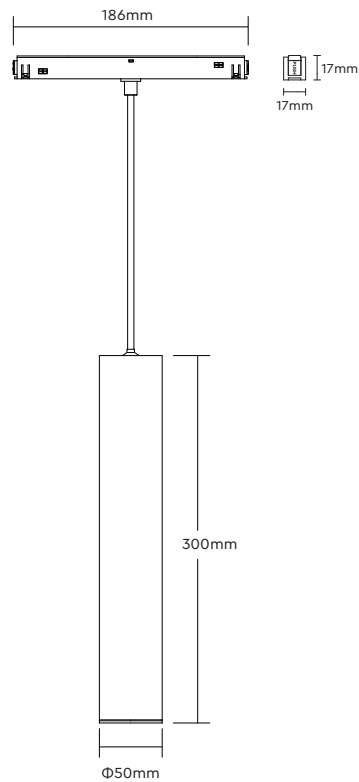
Model No.	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance
MS5-06B-RF	RGB+CCT	DC48V	6W	72LM/W	420LM	2.4G RF: 30m
MS2-06B-RF	Dual White			86LM/W	520LM	
MS5-06B-ZR	RGB+CCT			72LM/W	420LM	2.4G RF: 30m Zigbee: 100m (open area)
MS2-06B-ZR	Dual White			86LM/W	520LM	
MS5-12B-RF	RGB+CCT	DC48V	12W	82LM/W	1000LM	2.4G RF: 30m
MS2-12B-RF	Dual White			93LM/W	1100LM	
MS5-12B-ZR	RGB+CCT			82LM/W	1000LM	2.4G RF: 30m Zigbee: 100m (open area)
MS2-12B-ZR	Dual White			93LM/W	1100LM	
MS5-25B-RF	RGB+CCT	DC48V	25W	75LM/W	1800LM	2.4G RF: 30m
MS2-25B-RF	Dual White			79LM/W	2000LM	
MS5-25B-ZR	RGB+CCT			75LM/W	1800LM	2.4G RF: 30m Zigbee: 100m (open area)
MS2-25B-ZR	Dual White			79LM/W	2000LM	



# 9W Dual White Magnetic Chandelier

## 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 50m (open area)
- 2.4G RF Control distance 25m

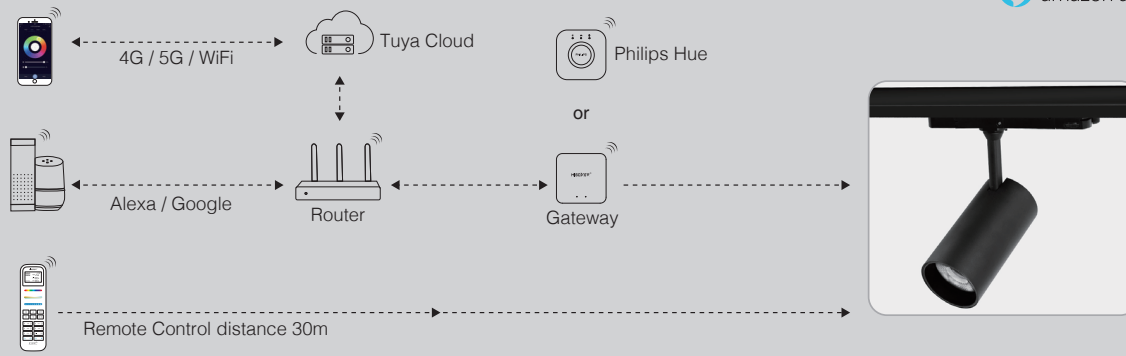


MC2-09B-RF 9W  
2.4G RF

MC2-09B-ZR 9W  
zigbee + 2.4G RF

Model No.	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Protocol and Control Distance
MC2-09B-RF MC2-09B-ZR	Dual White	DC48V	9W	65LM/W	600LM	15°	2.4G RF: 25m Zigbee: 50m (open area)

# Four-line Track Spotlight



## Features

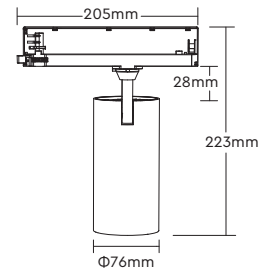
- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Supports saving 4 scenes
- Supports 12 remote controls
- Zigbee Control distance 100m (open area)
- 2.4G RF Control distance 30m



## 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	Product Color	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance
TS5-30W-RF	RGB+CCT	White	AC100-240V 50/60Hz	30W	63LM/W	1800LM	2.4G RF: 30m
TS2-30W-RF	Dual White				70LM/W	2000LM	
TS5-30W-ZR	RGB+CCT	White	AC100-240V 50/60Hz	30W	63LM/W	1800LM	2.4G RF: 30m Zigbee: 50m (open area)
TS2-30W-ZR	Dual White				70LM/W	2000LM	
TS5-30B-RF	RGB+CCT	Black	AC100-240V 50/60Hz	30W	63LM/W	1800LM	2.4G RF: 30m
TS2-30B-RF	Dual White				70LM/W	2000LM	
TS5-30B-ZR	RGB+CCT	Black	AC100-240V 50/60Hz	30W	63LM/W	1800LM	2.4G RF: 30m Zigbee: 50m (open area)
TS2-30B-ZR	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  
**Deep Anti-glare shielding angle >30°**



**FUT070 6W**  
Beam Angle: 60°  
Hole Size: ø80-85mm  
**Deep Anti-glare shielding angle >30°**

## Same Parameters

Input Voltage: AC100-240V 50/60Hz  
Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
PF: >0.5  
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	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance	Product Size (mm)
FUT060	25W	80LM/W	2000LM	2.4G RF: 30m	Φ320 x 60
FUT065	18W	85LM/W	1500LM		Φ180 x 58
FUT069	15W	80LM/W	1200LM		Φ190 x 50
FUT066 FUT066-B	12W	88LM/W	1100LM		Φ180 x 40
FUT061 FUT061-B	9W	80LM/W	720LM		Φ138 x 40
FUT068 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		Φ94 x 65
FUT066ZR	12W	88LM/W	1100LM		2.4G RF: 30m Zigbee: 50m (open area)
FUT068ZR	6W	85LM/W	600LM		Φ118 x 38

# CCT LED Downlight



**FUT075 9W**  
**FUT075ZR 9W**  
 Beam Angle: 15°  
 Hole Size: ø75mm



**FUT076 9W**  
**FUT076ZR 9W**  
 Beam Angle: 15°  
 Hole Size: ø55-60mm



**DW2-06A-RF 6W**  
 Beam Angle: 30°  
 Hole Size: ø70-75mm

## Same Parameters

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

## Features

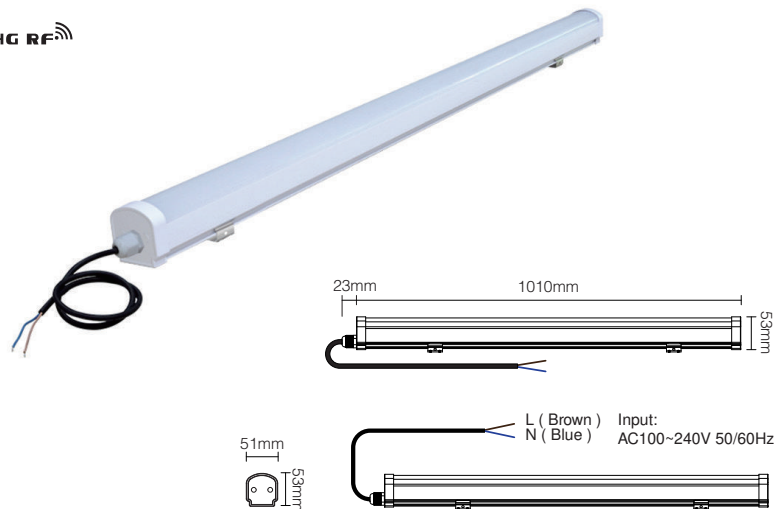
- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Supports saving 4 scenes

Model No.	Power	Luminous Efficiency	Luminous Flux	CRI	Control Protocol and Control Distance	Product Size (mm)
FUT075	9W	80LM/W	700LM	>90	2.4G RF: 30m	Ø84 x 78
FUT076	9W	80LM/W	700LM	>90		Ø65 x 70
DW2-06A-RF	6W	83LM/W	500LM	>90		Ø90 x 31
FUT075ZR	9W	80LM/W	700LM	>90	2.4G RF: 30m Zigbee: 50m (open area)	Ø84 x 78
FUT076ZR	9W	80LM/W	700LM	>90		Ø65 x 70

# 18W RGB+CCT LED Linear Light 2.4G RF

## 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

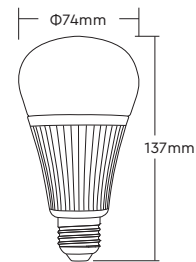
Including RGB+CCT and color temperature  
2 kinds of bulbs and candles  
Support remote control

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

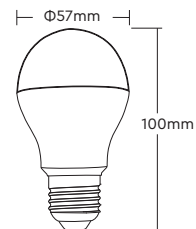


Model No.	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT012	RGB+CCT	2700K~6500K	9W	107LM/W	2.4G	30m



### 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

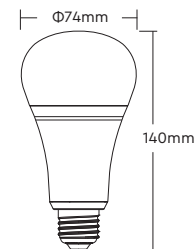


Model No.	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT014	RGB+CCT	2700K~6500K	6W	95LM/W	2.4G	30m



### 12W RGB+CCT LED Bulb

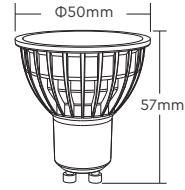
Base Type: E26 / E27  
Input: AC100-240V 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C



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



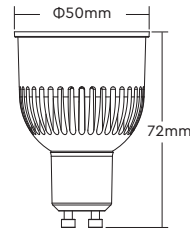
**4W**  
**320LM**



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



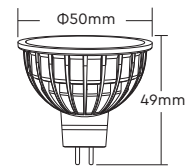
**6W**  
**550LM**



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



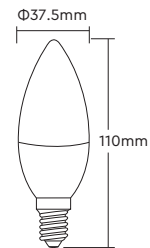
**4W**  
**400LM**



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



**4W**  
**320LM**



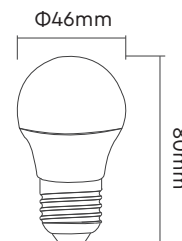
Model No.	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT108	RGB+CCT	2700K~6500K	4W	80LM/W	2.4G	30m





### 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

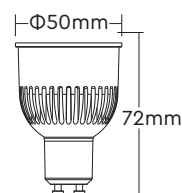
Dual White bulb and candle light, adjustable color temp. and brightness, Support remote control

2.4G RF 



### 6W GU10 Dual White LED Spotlight

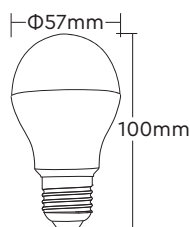
**Base Type:** GU10  
**Input:** AC100-240V 50/60Hz  
**PF:** >0.55  
**CRI:** >80  
**Beam Angle:** 30°  
**Working Temp.:** -10~40°C



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

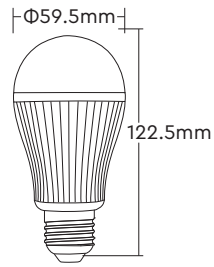


Model No.	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT017	CCT	2700K~6500K	6W	85LM/W	2.4G	30m



### 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



**9W**  
**850LM**

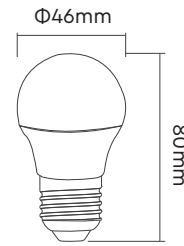


Model No.	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT019	CCT	2700K~6500K	9W	95LM/W	2.4G	30m



### 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



**4W**  
**360LM**



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

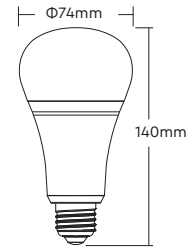
Bulbs always used in smart home decoration, zigbee bulbs support network and communicate with other zigbee device, smart and automatic home for your life.

- 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

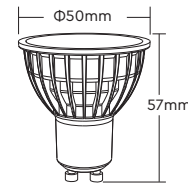


Model No.	Input Voltage	Luminous Efficiency	Beam Angle	Control Distance	
FUT105ZR	AC100-240V 50/60Hz	110LM/W	220°	Zigbee: 50m (open area)	2.4G RF: 30m



### 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

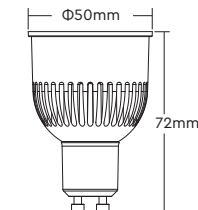


Model No.	Input Voltage	Luminous Efficiency	Beam Angle	Control Distance	
FUT103ZR	AC100-240V 50/60Hz	80LM/W	25°	Zigbee: 50m (open area)	2.4G RF: 30m



### 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<sup>®</sup>**

# OUTDOOR LIGHTING



# RGB+CCT LED Floodlight



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



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



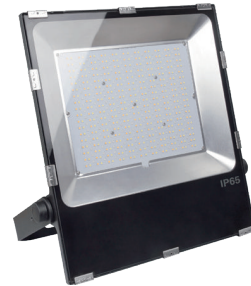
**FUTT03 30W**  
**FUTT03ZR (Zigbee 3.0 +2.4G)**  
Luminous Flux: 3300LM  
Illumination Distance: >18m



**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	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	2.4G RF: 30m 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)**  
 Luminous Flux: 550LM  
 Beam Angle: 25°  
 Illumination Distance: >10m



**FUTC08 6W**  
 Luminous Flux: 600LM  
 Beam Angle: 25°  
 Illumination Distance: >10m



**FUTC02 9W**  
**FUTC02ZR (Zigbee 3.0 +2.4G)**  
 Luminous Flux: 900LM  
 Beam Angle: 15°  
 Illumination Distance: >10m



**FUTC11 12W**  
**FUTC11ZR (Zigbee 3.0 +2.4G)**  
 Luminous Flux: 1100LM  
 Beam Angle: 30°  
 Illumination Distance: >10m



**FUTC09 18W**  
 Luminous Flux: 1500LM  
 Beam Angle: 25°  
 Illumination Distance: >10m



**FUTC03 15W**  
**FUTC03ZR (Zigbee 3.0 +2.4G)**  
**FUTC05 25W**  
**FUTC05ZR (Zigbee 3.0 +2.4G)**  
 Luminous Flux: 2100LM  
 Beam Angle: 15°  
 Illumination Distance: >15m



**FUTC06 50W**  
 Luminous Flux: 4000LM  
 Beam Angle: 25°  
 Illumination Distance: >15m



**FUTC07 100W**  
 Luminous Flux: 7500LM  
 Beam Angle: 25°  
 Illumination Distance: >15m



## 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
- Supports 12 remote controls
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Supports saving 4 scenes

Model No.	Power	Input Voltage	PF	Luminous Efficiency	Luminous Flux	Control Protocol and Control Distance	Product Size (mm)
FUTC08	6W	DC24V	—	100LM/W	600LM		108 x 71 x Φ60
FUTC04	6W	AC100-240V 50/60Hz	>0.5	90LM/W	550LM	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
FUTC04ZR	6W	AC100-240V 50/60Hz	>0.5	90LM/W	550LM	2.4G RF: 30m 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

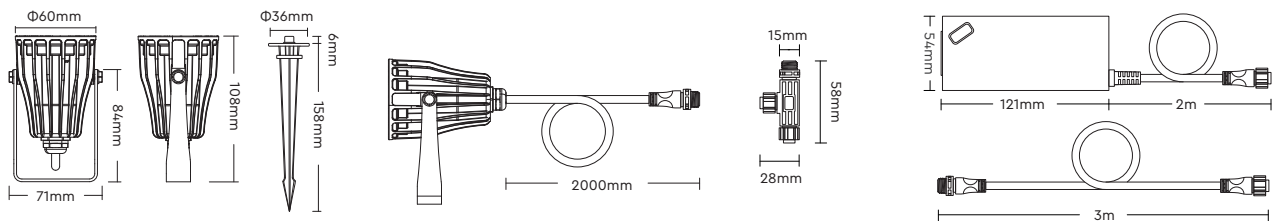
IP66 RATING









6W  
600LM

A  
↑  
G 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	 6W RGB+CCT LED garden light	 Anti corrosion garden spike	 Switching power supply	 Power cable	 Male to female extension cable	 T type cable connector 2 pin	 FUT088 Remote controller	 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)



### 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

IP66 RATING

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	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

# RGB+CCT LED Wall Light

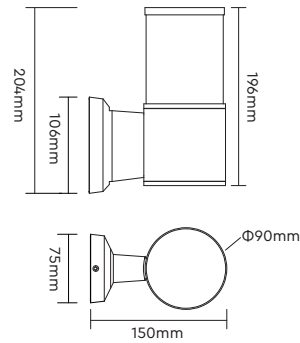
- 4096 levels of smooth dimming, no flicker
- Support power on do not disturb mode
- With synchronous forwarding function
- Supports 12 remote controls
- Min brightness 0.1%
- Dimming range 0.1%-100%
- Supports saving 4 scenes



## 9W RGB+CCT LED Wall Light (Zigbee 3.0)



Model No.: WA5-09R-ZL  
 Input: DC24V  
 Rated Current: 0.38A  
 Light Efficiency: 110LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Working Temp.: -20~45°C  
 Control Distance: 100m (open area)  
 Illumination Distance: >8m




**IP66 RATING**

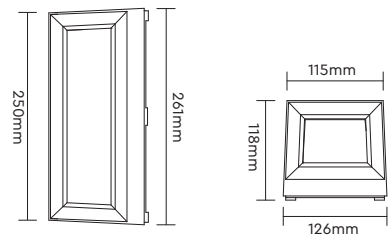
**9W 940LM**

**E**

## 12W RGB+CCT Square Wall Light (Zigbee 3.0 + 2.4G)



Model No.: WA5-12S-ZR  
 Input: AC100-240V 50/60Hz  
 Light Efficiency: 85LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Working Temp.: -20~45°C  
 Zigbee Control Distance: 100m (open area)  
 2.4G RF Control Distance: 30m  
 Illumination Distance: >8m




**IP66 RATING**

**12W 1000LM**

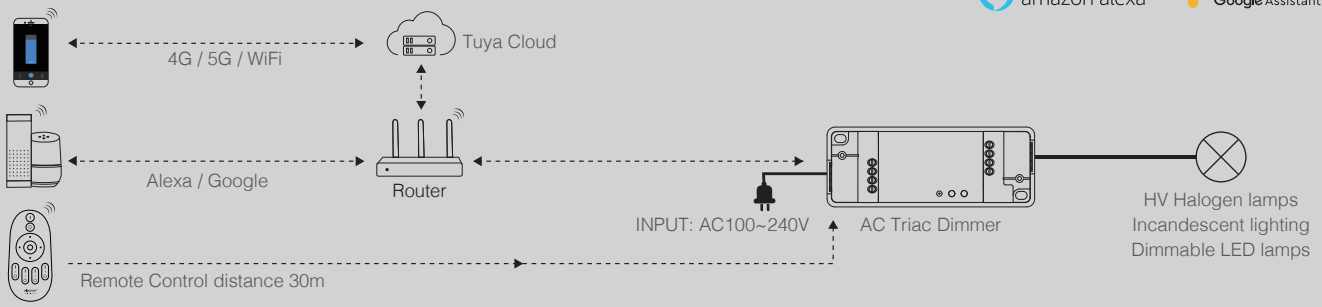
**F**







# 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



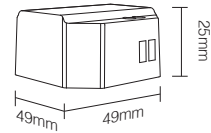
**TRI-C1**  
2.4G RF + PUSH  
2.4G RF Distance: 30m  
2.4G RF



**TRI-C1WR**  
WiFi + 2.4G RF + PUSH  
2.4G RF Distance: 30m  
TUYA (WiFi) + 2.4G RF



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



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

## 500W AC Triac Dimmer



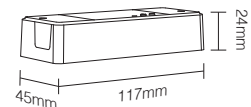
**TRI-PR**  
2.4G RF + PUSH  
2.4G RF Distance: 30m  
2.4G RF



**TRI-PW**  
WiFi + 2.4G RF + PUSH  
2.4G RF Distance: 30m  
TUYA (WiFi) + 2.4G RF



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



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Working Temp.
TRI-PR TRI-PW TRI-PZ	AC100~240V 50/60Hz	AC100~240V 50/60Hz	Max 2.27A	250W @110V 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 timmer 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)



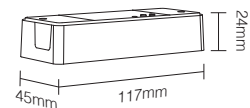
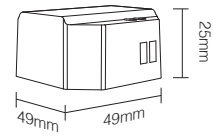
**WL-SW1**  
2.4G RF + PUSH  
2.4G RF



**SWR**  
WiFi + 2.4G RF + PUSH  
tuya WiFi + 2.4G RF



**SWL**  
WiFi + 2.4G RF + PUSH  
tuya WiFi + 2.4G RF



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

## Smart Plug Support Electricity statistics, Electricity calculating function detect home electricity easily



**SWEW**  
WiFi+2.4G 16A Smart Plug  
(EU and FR)  
tuya WiFi + 2.4G RF



**SWE01**  
WiFi 16A Smart Plug  
(EU and FR)  
tuya WiFi



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

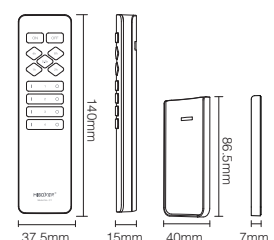
Model No.	Input Voltage	Output Voltage	Output Current	Working Temp.	WiFi Standard
SWER SWE01 SWK01	AC180~240V 50/60Hz	AC180~240V 50/60Hz	Max 16A	-10~40°C	IEEE 802.11b/g/n 2.4GHz

## 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



# LoRa 433MHz Series

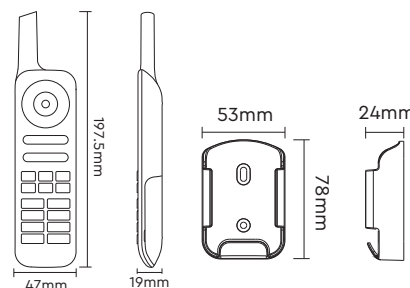
## Features

LoRa Radio Module 433MHz is a low power long range wireless network module, which can realize wide area communication. Most of them are used in underwater light or in open area, max control distance is over 2km. MiBoxer under water light can use remote or APP control the light under water around 0.5m.



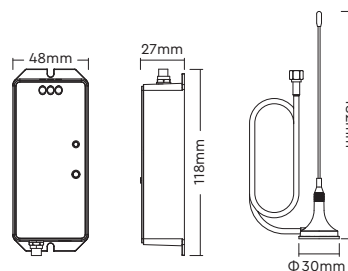
### 8-Zone 433MHz Remote

Model No.:	FUT086
Working Voltage:	3V (AAA * 2PCS)
Transmitting Power:	10dBm
Standby Power Consumption:	16μA
Modulation Method:	LoRa spread spectrum
Working Temp.:	-10~40°C
Control Distance:	1km (Lamps on the open area)



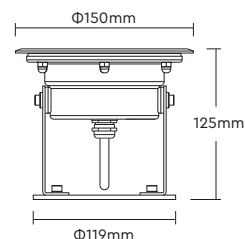
### 433MHz Gateway

Model No.:	WL-433
Input:	DC5V/500mA ( 5.5*2.1mm)
RF:	433MHz
Transmitting Power:	15dBm
DMX Standard:	DMX512(1990)
WiFi Standard:	WiFi-IEEE 802.11b/g/n 2.4GHz
Modulation Method:	LoRa spread spectrum
Working Temp.:	-20~60°C
Control Distance:	1km (Lamps on the open area)



### 9W RGB+CCT LED Underwater Light

Model No.:	UW03
Input:	AC12V / DC12V-24V
Luminous Efficiency:	70LM/W
Color Temp.:	2700K~6500K
CRI:	>80
Beam Angle:	15°
Working Temp.:	-20~45°C
Control distance:	50m (Lamps into 0.5m underwater)

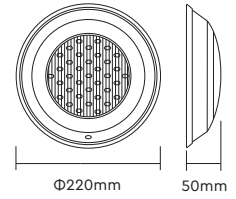




## 15W RGB+CCT Wall-mounted Underwater Light



Model No.: UW01  
 Input: AC12V / DC12V-24V  
 Luminous Efficiency: 72LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control distance: 50m (Lamps into 0.5m underwater)



**15W**  
1100LM



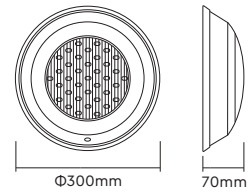
**IP68**  
RATING



## 27W RGB+CCT Wall-mounted Underwater Light



Model No.: UW02  
 Input: AC12V / DC12V-24V  
 Luminous Efficiency: 75LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control distance: 50m (Lamps into 0.5m underwater)



**27W**  
2000LM



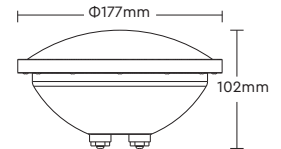
**IP68**  
RATING



## 27W RGB+CCT PAR56 LED Pool Light



Model No.: PW01  
 Input: AC12V / DC12V-24V  
 Luminous Efficiency: 95LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control distance: 50m (Lamps into 0.5m underwater)



**27W**  
2600LM



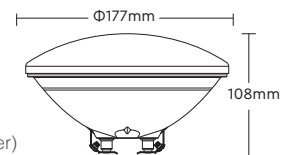
**IP68**  
RATING



## 18W RGB+CCT PAR56 LED Pool Light



Model No.: PW02  
 Input: AC12V / DC12V-24V  
 Luminous Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control distance: 50m (Lamps into 0.5m underwater)



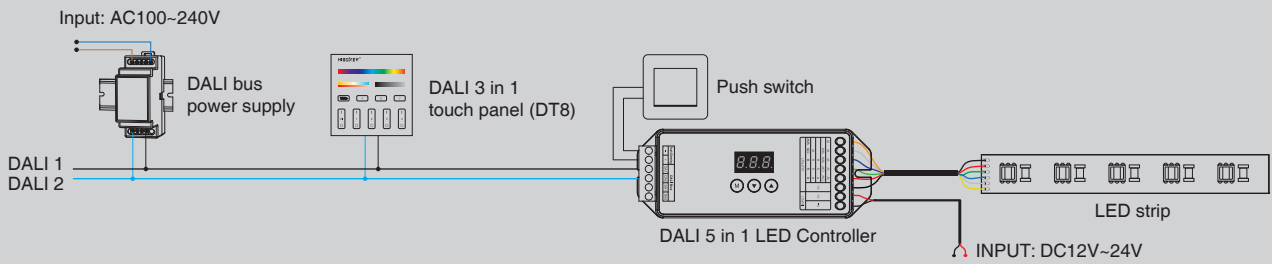
**18W**  
1800LM



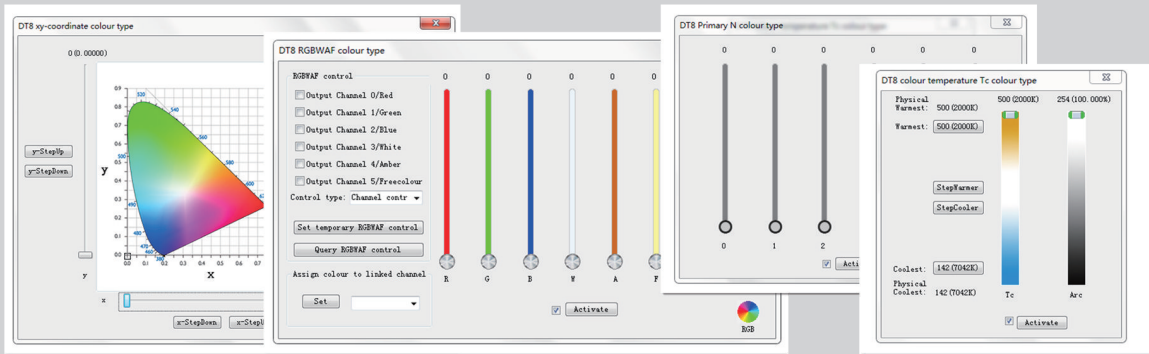
**IP68**  
RATING



# DALI Series

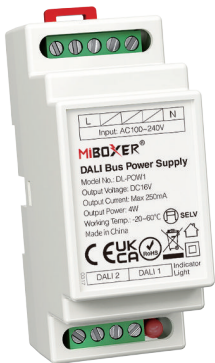


Comply with DALI standard protocol, Support DT8 type  
 Support DALI standard protocol IEC62386-102, 207, 209 Support DT8 type Tc, xy coordinates, RGBWAF

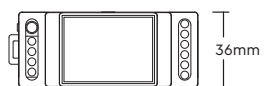
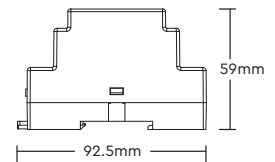


## DALI Bus Power Supply (DIN Rail)

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:100MΩ/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

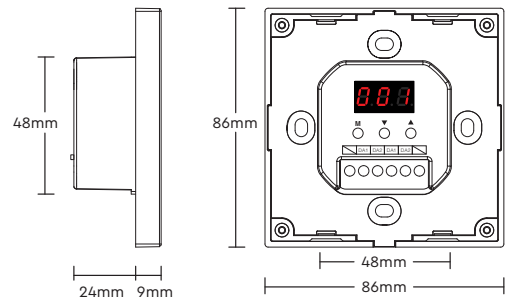


DIN-Rail mounting size:  
 TS-35/7.5 or TS-35/15  
 (Purchasing separately)

## 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.

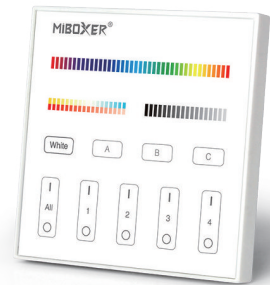
- DALI Standard Protocol IEC62386
- Sensitive Touching
- LED Night Indicator
- Scratch Resistance
- The address can be set by pressing the key



**DP1S**  
DALI Dimming Touch Panel (DT6)



**DP2S**  
DALI Color Temperature Touch Panel (DT8)



**DP3S**  
DALI 3 in 1 Touch Panel (DT8)

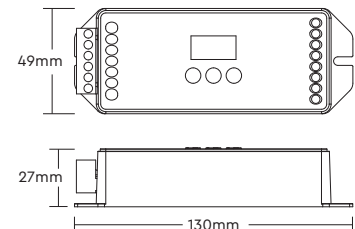
Model No.	Power Supply	DALI Bus Standard	Output Signal	Controlling Type	Standby Current	Working Temp.	Weight
DP1S				Dimming (DT6)			
DP2S	DALI Power	IEC62386	DALI Signal	CCT (DT8 type: Tc)	<4mA@16V	-10~40°C	145g
DP3S				RGB(DT8 type: xy coordinates) RGBW(DT8 type: RGBWAF) RGB+CCT(DT8 type: RGBWAF)			

## 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

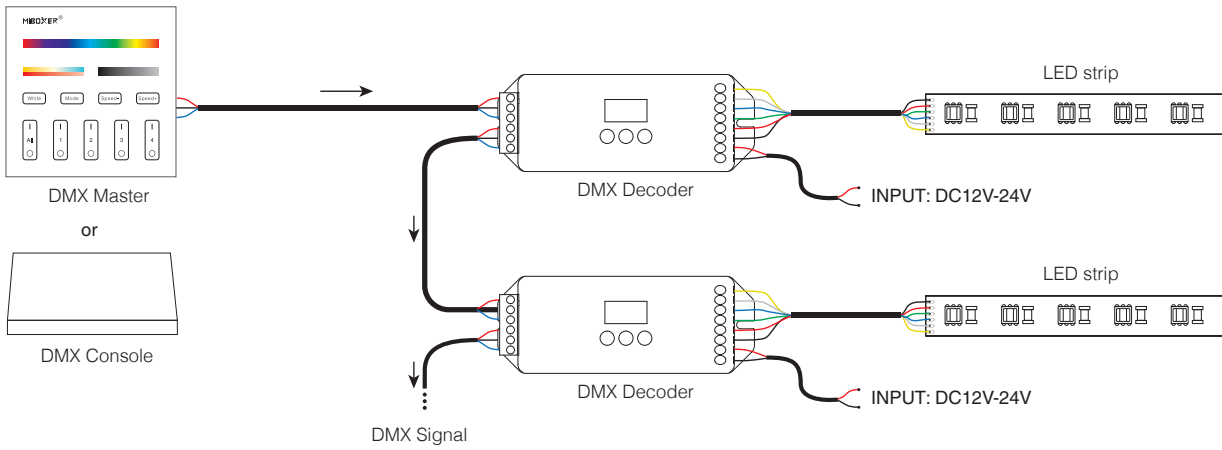
# DMX Series

## 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.

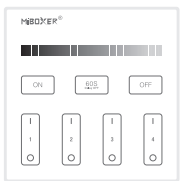
## Application

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



## DMX Master

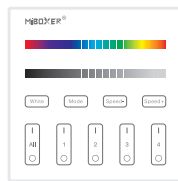
- Accord with standard DMX protocol
- 4 zones control separately
- Controlled by 2.4G RF remote controller
- Smartphone controllable (need 2.4G gateway)
- High sensitive touch tempering glass
- LED indicator for touch reminding



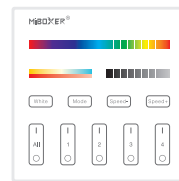
**X1**  
DMX Master (Single Color)



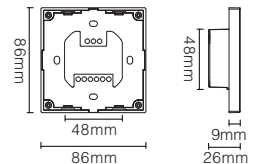
**X2**  
DMX Master (CCT)



**X3** DMX Master (RGB)  
**X4** DMX Master (RGBW)



**X5**  
DMX Master (RGB+CCT)



Model No.	Zone	Input Voltage	Output Signal	RF	Transmitting Power	Control Distance	Working Temp.	Size (mm)
X1 / X2 / X3 X4 / X5	4	AC100-240V 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)



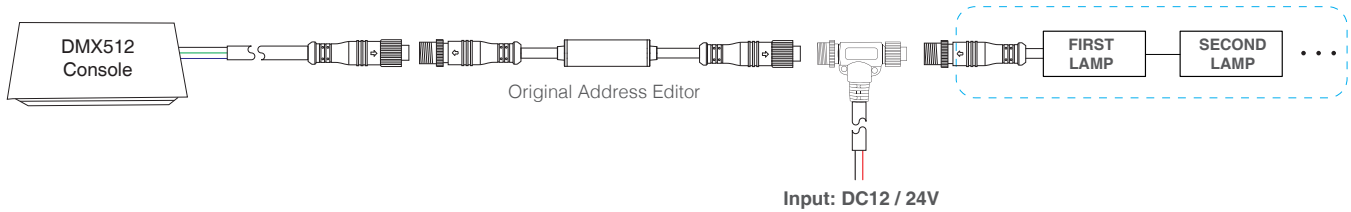
**D5-W72 72W**  
RGB+CCT LED Wall Washer Light  
(DMX & RDM)

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

# DMX Auto Editing Address

Set up address of first light automatically. Connect DMX512 console with light, address of first light is 001-004, the second light is 005-008, the third light is 009-012, etc....

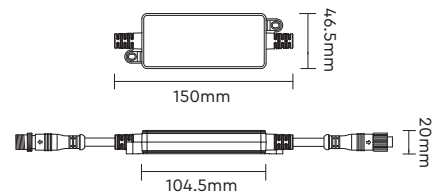
- Compatible and extend DMX512 (1990) signal protocol
- High accurate decoding for DMX signal ( 200K-750Kbps)
- Parallel control, support 1024 channel
- Editing address automatically



## DMX Signal Amplifier



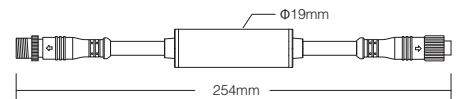
Model No.: AMP-DMX-XL  
 Input: DC12V-24V  
 Connection Device: Max 128PCS  
 Working Temp.: -20~45°C  
 Input Signal: DMX / RDM



## Original Address Editor (DMX)



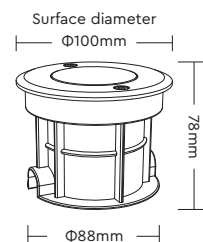
Model No.: FIR-DMX-XL  
 Input: DC12V-24V  
 Working Temp.: -20~45°C  
 Input Signal: DMX / RDM



## 5W RGBW LED Underground Light (DMX)



Model No.: UG4-05A-XL  
 Input: DC24V  
 Luminous Efficiency: 65LM/W  
 Color Temp.: RGB+White color (2700K)  
 CRI: >80  
 Beam Angle: 30°  
 Working Temp.: -20~45°C  
 Input Signal: DMX / RDM  
 Occupy 4 DMX Address

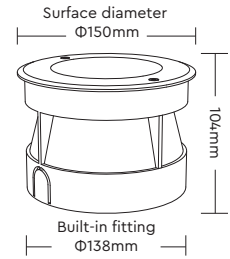






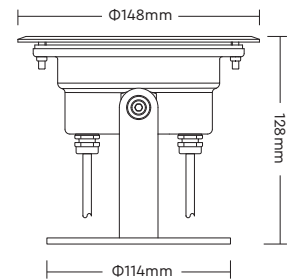
### 9W RGBW LED Underground Light (DMX)

Model No.: UG4-09A-XL  
 Input: DC24V  
 Color Temp.: RGB+White color (2700K)  
 CRI: >80  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Input Signal: DMX / RDM  
 Occupy 4 DMX Address



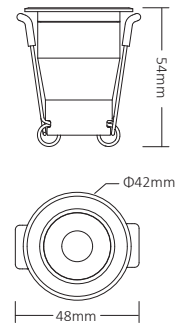
### 9W RGBW LED Underwater Light (DMX)

Model No.: UW4-09A-XL  
 Input: DC24V  
 Color Temp.: RGB+White color (2700K)  
 CRI: >80  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Input Signal: DMX / RDM  
 Occupy 4 DMX Address



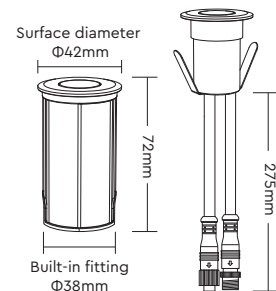
### 3W RGBW LED SpotLight (DMX)

Model No.: SP4-03A-XL  
 Input: DC12V  
 Power: 3W  
 Color Temp.: RGB+White color (2700K)  
 CRI: >80  
 Beam Angle: 36°  
 Working Temp.: -20~45°C  
 Input Signal: DMX / RDM  
 Occupy 4 DMX Address



### 3W RGBW LED Underground Light (DMX)

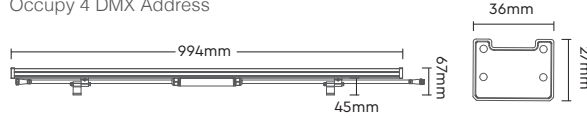
Model No.: UG4-03A-XL  
 Input: DC12V  
 Power: 3W  
 Color Temp.: RGB+White color (2700K)  
 CRI: >80  
 Beam Angle: 50°  
 Working Temp.: -20~45°C  
 Input Signal: DMX / RDM  
 Occupy 4 DMX Address



## 24W RGBW LED Wall Washer Light (DMX512)



Model No.: WW4-24A-XL  
 Input: DC24V  
 Power: 24W  
 Luminous Flux: 1200LM  
 Color Temp.: RGB+White color (2700K)  
 CRI: >80  
 Beam Angle: 24°  
 Working Temp.: -20~45°C  
 Input Signal: DMX512, RDM  
 Occupy 4 DMX Address

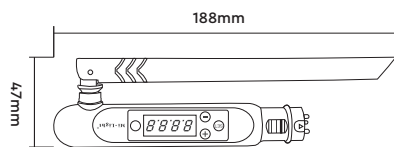


## DMX LED Transmitter (DMX to 2.4G RF)

- Accord with standard DMX protocol
- It can transmit the DMX512 data of 80 channels at the same time.
- Can control 16 groups of 2.4G RGB+CCT lamps at the same time.



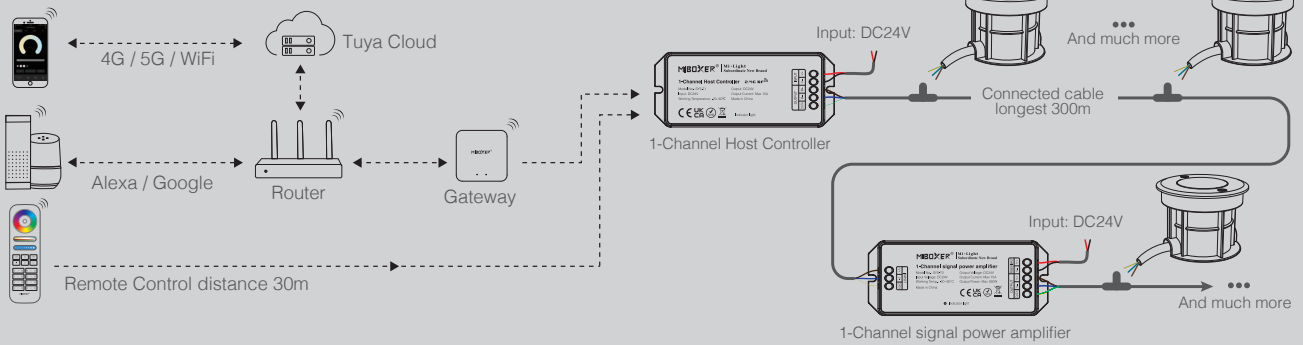
For more supported LED lights or controllers, please refer to the relevant manuals



Model No.	Input	RF Transmitting Power	RF	Input Signal	Control Distance
FUTD01	DC5V / 500mA	6dBm	2.4G	DMX512	30m

# SYS Series

Solve the problem that underwater lamps and underground lamps cannot be controlled wirelessly



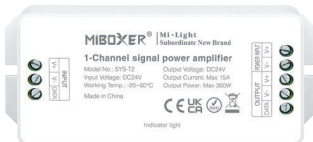
## 1-Channel Host Controller



Model No.: SYS-T1  
 Input Voltage: DC24V  
 Output Voltage: DC24V  
 Output Current: Max 15A  
 Output Power: Max 360W  
 2.4G RF Distance: 30m  
 Working Temp.: -20~60°C

- 16 Million colors, saturation, color temperature and brightness adjustable
- 4096 levels of smooth dimming, no flicker
- With synchronous forwarding function
- Min brightness 0.1%
- Dimming range 0.1%-100%

## 1-Channel Signal Power Amplifier



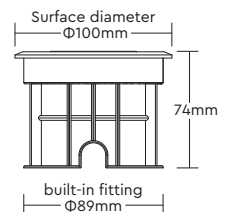
Model No.: SYS-T2  
 Input Voltage: DC24V  
 Output Voltage: DC24V  
 Output Current: Max 15A  
 Output Power: Max 360W  
 Working Temp.: -20~60°C

The amplifier is to amplify the power and signal for "SYS-T1 1 Channel Host Controller". It can amplify the signal from "SYS-T1 Controller" to connect more LED lamps, and synchronously control more lamps. When you add one more amplifier, you can connect double LED lamps.

## 5W RGB+CCT LED Underground Light



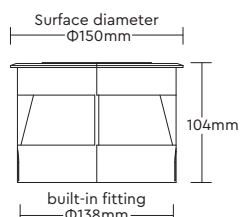
Model No.: SYS-RD1  
 Input: DC24V  
 Luminous Efficiency: 70LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 30°  
 Working Temp.: -20~60°C



## 9W RGB+CCT LED Underground Light



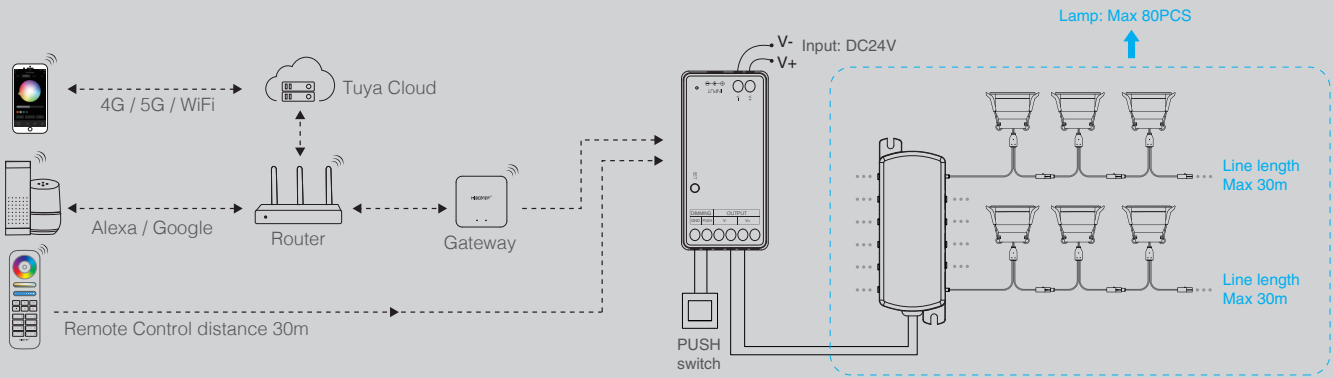
Model No.: SYS-RD2  
 Input: DC24V  
 Luminous Efficiency: 80LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 15°  
 Working Temp.: -20~60°C



# Two-wire control system

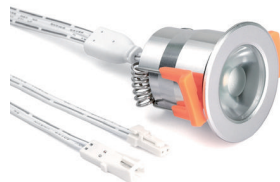
Suitable for RGB / RGBW / RGB+CCT subordinate Lamp

In a complicated world, what we often pursue is simplicity and purity, and two-wire control technology is born to meet this demand. It takes simplicity as its core and adopts a two-wire design to reduce cables, reduce costs, and connect quickly.



## Features

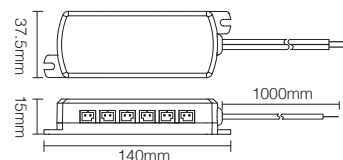
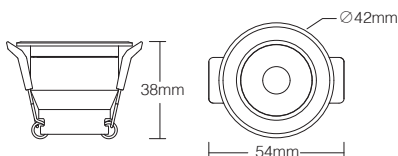
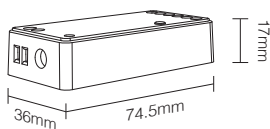
- 16 million colors adjustable, Saturation adjustable, Color temperature adjustable
- 4096 levels smooth dimming, Min brightness 0.1%, dimming range 0.1%-100%
- One master box can be paired with 12 remote (Control distance 30m)
- Auto-forwarding: Automatically forward the remote control signal to another master box, making the remote control distance infinite
- Auto-synchronization: The same dynamic pattern is automatically synchronized to keep the pattern consistent
- Support do not disturb mode setting, Suitable for areas with frequent power outages to save electricity
- Supports "Tuya Smart" app control (2.4GHz gateway is needed)
- Support Alexa, Google Assistant, Yandex Alice (2.4GHz gateway is needed)



Product Name: 2 Wire Master Box (2.4GHz)  
 Model No.: HTR5  
 Input Voltage: DC24V  
 Output Current: Max 10A  
 Output Power: 240W  
 Output Type: Constant Voltage  
 Control Signal: 2.4GHz RF  
 Control Distance: 30m  
 Working Temp.: -10~40°C

Name: 3W RGBW Spotlight (Subordinate Lamp)  
 Model No.: HSP3  
 Input Voltage: DC24V  
 CRI: >80  
 Color Temp.: 3000K (customizable)  
 Luminous Flux: 61LM  
 Beam Angle: 36°  
 Working Temp.: -10~40°C  
 Hole Size: Φ33-36mm

Product Name: 2Pin 12 Channel Junction Box  
 Model No.: DS2-12C  
 Input Voltage: DC24V  
 Output Current: Max 7A  
 Working Temp.: -10~40°C  
 Material: ABS  
 Line Length: 1m





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<https://miboxer.com>