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**2019-2020 PRODUCT**  
Futlight Optoelectronics Co.,Ltd  
[www.futlight.com](http://www.futlight.com) **CATALOGUE**

# ABOUT US

Shenzhen Futlight Optoelectronics Co., Limited is a high-tech enterprise, located in Shenzhen China, who specializes in R&D, manufacturing and selling all kinds of smart led lighting.

We are proud of our smart ideas and concepts of making led lights more intelligent and convenient, all the products can be operated by wireless remote control, and more comprehensively by smart phone APP! The well trained production line and QC staff can assure all the products with high quality. We sell our products widely in Europe, North America, South America, Australia, Middle East, and Asia . All the products are CE&Rohs certified. Due to the top quality , reasonable price and good after-sale service, we have also won the trust and support from our customers and obtained a good reputation both domestically and abroad.

Shenzhen Futlight has been one of leading manufacturers in the smart LED field and we will always be . With all staff's efforts, we will focus on new ideas and keep developing more new products. The revolution of led lighting has come, we are the leader of the smart led lighting!

# contents

■ WiFi Series .....	01-04
■ 433MHz LoRa Series .....	05-10
■ SYS Series .....	11-18
■ 2.4GHz Series	
Floodlight Serise .....	19-20
Garden Light Serise .....	21-22
Wall Washer Light Serise .....	23-24
Spotlight Series .....	25-26
Light Bulb Series .....	27-28
Downlight Series .....	29-32
LED Strip Controller Series .....	33-38
LED Strip Light Control System .....	39-40
Remote Controller Series .....	41-42
■ Panel Series	
Panel Remote Controller Series .....	43-46
Panel Controller Series .....	47-48
■ 0/1~10V Series	
0/1~10V LED Dimming Driver Series .....	49-51
0~10V Panel Dimmer Series .....	52
■ Panel Light Series .....	53-56
■ DALI Series .....	57-60
■ DMX512 Series .....	61-62



## WiFi Series

Support amazon alexa and google assistant control



Download on the  
**App Store**

GET IT ON  
**Google Play**

Scan QR Code to Install APP  
or search "MiBoxer" on Google Play  
and Apple APP store

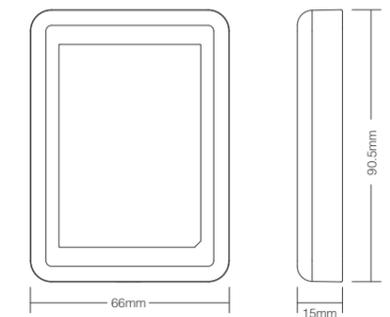
## Model No.: WL-Box1 2.4GHz Gateway



### Features

Compatible with 2.4GHz RF products; and controlled by MiBoxer APP through WiFi or 4G network. Support Amazon Alexa and Google assistant control

- Compatible with 2.4GHz RF series products
- Support third party voice control
- RGB colors to choose
- WiFi wireless control
- Color temperature 2700~6500K
- 2.4GHz RF transmission tech
- Dimmable saturation control
- Smart phone APP control
- Timing ON/OFF the lights



Model No.	Input	Working Temp.	Communication Mode	RF	Control Distance	Size
WL-Box1	DC5V/500mA (Micro USB)	-20~60°C	WiFi+IEEE 802.11b/g/n 2.4GHz	2.4GHz	30m	90.5*66*15mm

Model No.: WL5

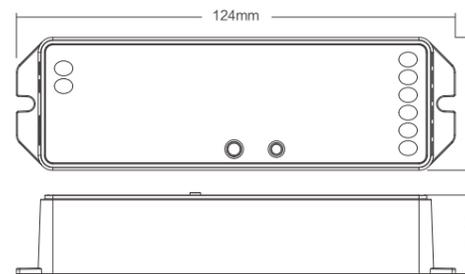
# Smart LED Strip Controller



## Features

5 in 1 ( RGB+CCT / RGBW / RGB / Dual White / Single Color ). The controller is adopted by the most advanced PWM control technology, and has memory function and auto-transmitting and auto-synchronizing function. Support Amazon Alexa and Google assistant control.

- RGB colors to choose
- Color temperature 2700~6500K
- Dimmable saturation control
- Timing ON/OFF the lights
- 16 Color changing modes
- Support third party voice control
- WiFi wireless control
- Support 2.4GHz RF remote control
- Smart phone APP control
- Group control randomly by APP



Model No.	Input Voltage	Output	Working Temp.	Control Distance	Size	Compatible Remote
WL5	DC12V~24V	Max. 6A/Channel Total output Max. 15A	-20~60°C	30m	124*38*23mm	FUT006 / FUT007 / FUT087 / FUT088 / FUT089 / FUT091 / FUT092 FUT095 / FUT096 / B0 / B1 / B2 / B3 / B4 / B8 / T1 / T2 / T3 / T4



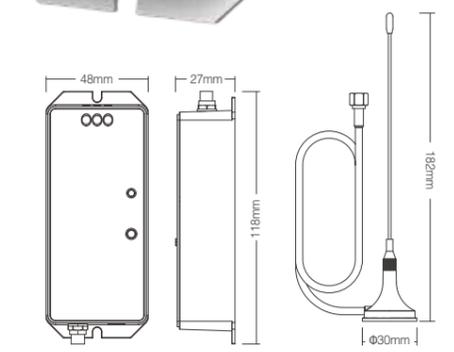
Model No.: WL-433

# 433MHz Gateway

## Features

Use LoRa SPSP modem technology, compatible with MiBoxer 433MHz series products; and controlled by MiBoxer APP through WiFi or 4G network. Support DMX512(1990) control. Support third party voice control.

- Can control MiBoxer 433MHz series product
- RGB colors to choose
- Color temperature 2700~6500K
- Dimmable saturation control
- Timing ON/OFF the lights
- Support third party voice control
- WiFi wireless control
- 433MHz RF LoRa spread spectrum
- Support DMX512(1990) control
- Smart phone APP control



Model No.	Input	Working Temp.	Input Signal	RF	Communication Mode	Control Distance
WL-433	DC5V/500mA (5.5*2.1mm)	-20~60°C	DMX512 (1990)	433MHz (LoRa spread spectrum)	WiFi-IEEE 802.11b/g/n 2.4GHz	Lamps into 0.5m under freshwater: 50m Lamps on the open area: 2000m

# 433MHz LoRa Series

Use LoRa SPSP modem technology, fulfill super long distance signal transmitting.



Model No.: FUT086

## 433MHz LoRa Remote Controller (LoRa 433)

This product is a 433MHz frequency wireless remote control. We use LoRa SPSP modem technology. It can control specified 433MHz series smart lights with color changing, color temperature, saturation and brightness adjustable.



RGB colors to choose



Color temperature 2700~6500K



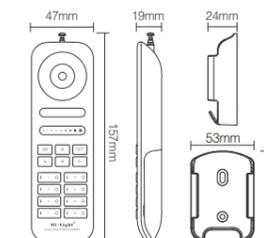
Dimmable saturation control



433MHz RF LoRa spread spectrum



8-zone area each zone no qty limited lamps



Model No.	Working Voltage	Power	RF	Control Distance
FUT086	3V (AAA * 2PCS)	Transmitting power: 10dBm Standby power consumption: 16uA	433MHz (LoRa spread spectrum)	50m (Lamps 0.5m underwater)



Model No.: PW01

## 27W RGB+CCT PAR56 Pool Light (LoRa 433)

This product is an embedded underwater lamp. Use LoRa SPSP modem technology, fulfill super long distance signal transmitting. 433MHz RF remote controllable, 16 millions colors, CCT, brightness and saturation controllable.



RGB colors to choose



Compatible with 433MHz RF remote controller (FUT086)



Color temperature 2700~6500K



Smart phone APP control (433MHz gateway is needed)



Dimmable saturation control



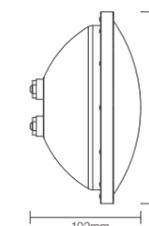
Support third party voice control (433MHz gateway is needed)



433MHz RF LoRa spread spectrum



The waterproof rate can be IP68 compatible with the cover



Model No.	Input Voltage	Power	Working Temp.	RF	Color Temp.	Luminous Flux	Light Efficiency	CRI	Beam Angle	Control distance
PW01	AC12V or DC12V~24V	27W	-20~45°C	433MHz (LoRa spread spectrum)	2700~6500K	2000LM	75LM/W	>80	160°	50m (Lamps into 0.5m underwater)

# 433MHz LoRa Series

Use LoRa SPSP modem technology, fulfill super long distance signal transmitting.



## Features



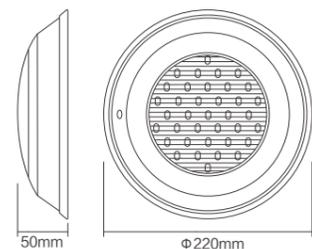
Use LoRa SPSP modem technology, fulfill super long distance signal transmitting. It's controlled by our 433MHz remote control or 433MHz gateway for smartphone control. 16 millions colors, CCT, brightness and saturation controllable.

-  RGB colors to choose
-  Color temperature 2700~6500K
-  Dimmable saturation control
-  433MHz RF LoRa spread spectrum
-  Compatible with 433MHz RF remote controller (FUT086)
-  Smart phone APP control (433MHz gateway is needed)
-  Support third party voice control (433MHz gateway is needed)
-  Waterproof and dustproof grade IP68

## 15W

### RGB+CCT LED Underwater Light (LoRa 433)

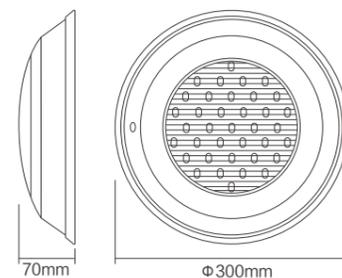
Model No.: UW01  
 Input Voltage: AC12V / DC12V~24V  
 Power: 15W  
 Working Temp.: -20~45°C  
 Color Temp.: 2700~6500K  
 Luminous Flux: 1100LM  
 Light Efficiency: 72LM/W  
 CRI: >80  
 RF: 433MHz  
 Modulation Method: LoRa spread spectrum  
 Control Distance: 50m (Lamps into 0.5m underwater)  
 Lifespan: 50000h  
 IP Rate: IP68  
 Product Weight: 750g  
 Housing Material: Stainless Steel+PC



## 27W

### RGB+CCT LED Underwater Light (LoRa 433)

Model No.: UW02  
 Input Voltage: AC12V / DC12V~24V  
 Power: 27W  
 Working Temp.: -20~45°C  
 Color Temp.: 2700~6500K  
 Luminous Flux: 2000LM  
 Light Efficiency: 75LM/W  
 CRI: >80  
 RF: 433MHz  
 Modulation Method: LoRa spread spectrum  
 Control Distance: 50m (Lamps into 0.5m underwater)  
 Lifespan: 50000h  
 IP Rate: IP68  
 Product Weight: 1225g  
 Housing Material: Stainless Steel+PC



## 9W RGB+CCT LED Underwater Light (LoRa 433)

Model No.: UW03



## Features

Use LoRa SPSP modem technology, fulfill super long distance signal transmitting. It's controlled by our 433MHz remote control or 433MHz gateway for smartphone control. 16 millions colors, CCT, brightness and saturation controllable.

-  RGB colors to choose
-  Compatible with 433MHz RF remote controller (FUT086)
-  Color temperature 2700~6500K
-  Smart phone APP control (433MHz gateway is needed)
-  Dimmable saturation control
-  Support third party voice control (433MHz gateway is needed)
-  433MHz RF LoRa spread spectrum
-  Waterproof and dustproof grade IP68

## Parameters

Model No.: UW03  
 Input Voltage: AC12V / DC12V~24V  
 Power: 9W  
 Working Temp.: -20~45°C  
 Color Temp.: 2700~6500K  
 Luminous Flux: 600LM  
 Light Efficiency: 70LM/W  
 CRI: >80  
 Control Distance: 50m (Lamps into 0.5m underwater)  
 Lifespan: 50000h  
 IP Rate: IP68  
 Product Weight: 1.3kg  
 Housing Material: Aluminum+stalinite

# 433MHz LoRa Series

Use LoRa SPSP modem technology, fulfill super long distance signal transmitting.



Model No.: RL1-24L

## 24W RGB+CCT LED Wall Washer Light (LoRa 433)

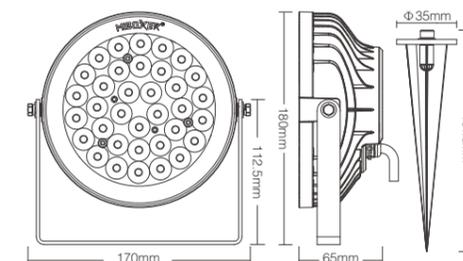
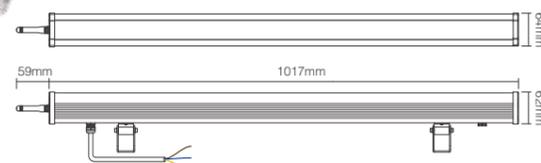
### Features

The light housing is made of aluminium alloy with anodizing technology on the surface, and stalinite mirror surface with high light transmittance. Widely used on building, bridge, showcase, and landscape, etc.

-  RGB colors to choose
-  433MHz RF LoRa spread spectrum
-  Color temperature 2700~6500K
-  Compatible with 433MHz RF remote controller (FUT086)
-  Dimmable saturation control
-  Smart phone APP control (433MHz gateway is needed)
-  IP66 Waterproof and dustproof grade IP66
-  Support third party voice control (433MHz gateway is needed)
-  Beam angle 15°60°  
Illumination distance greater than 15m

### Parameters

Model No.: RL1-24L  
 Input Voltage: AC100~240V 50/60Hz  
 Power: 24W  
 Working Temp.: -20~60°C  
 Color Temp.: 2700~6500K  
 Luminous Flux: 1800LM  
 Light Efficiency: 75LM/W  
 CRI: >80  
 PF: >0.9  
 RF: 433MHz  
 Modulation Method: LoRa spread spectrum  
 Control Distance: 2000m  
 Lifespan: 50000h  
 Beam Angle: 15°60°  
 Illumination Distance: >15m  
 IP Rate: IP66  
 Product Weight: 2.36kg



Model No.: FUTC05L

## 25W RGB+CCT LED Garden Light (LoRa 433)

### Features

The light housing is made of aluminium alloy with anodizing technology on the surface, and stalinite mirror surface with high light transmittance. Widely used on building, bridge, showcase, and landscape, etc.

-  RGB colors to choose
-  433MHz RF LoRa spread spectrum
-  Color temperature 2700~6500K
-  Compatible with 433MHz RF remote controller (FUT086)
-  Dimmable saturation control
-  Smart phone APP control (433MHz gateway is needed)
-  IP66 Waterproof and dustproof grade IP66
-  Support third party voice control (433MHz gateway is needed)
-  Beam angle 15°  
Illumination distance greater than 15m

### Parameters

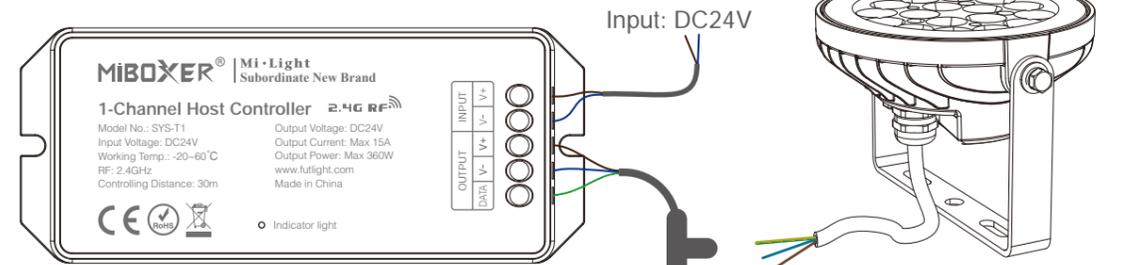
Model No.: FUTC05L  
 Input Voltage: AC100~240V 50/60Hz  
 Power: 25W  
 Working Temp.: -20~60°C  
 Color Temp.: 2700~6500K  
 Luminous Flux: 1700LM  
 Light Efficiency: 70LM/W  
 CRI: >75  
 PF: >0.5  
 RF: 433MHz  
 Modulation Method: LoRa spread spectrum  
 Control Distance: 2000m  
 Lifespan: 50000h  
 Beam Angle: 15°  
 Illumination Distance: >15m  
 IP Rate: IP66  
 Product Weight: 880g



# SYS Series

Lighting control system

Widely used on building illumination, landscape illumination, underwater illumination, etc.



1-Channel Host Controller

2.4GHz RF remote control. Only compatible with SYS series products, including wall washer light, underwater light and Garden Light, etc.

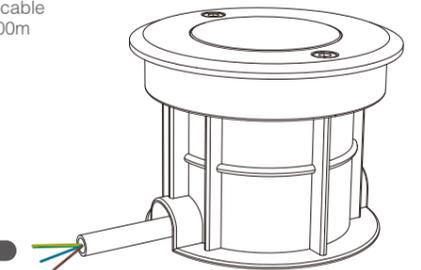
RGB+CCT LED Garden Light (Subordinate Lamp)

⋮  
And much more

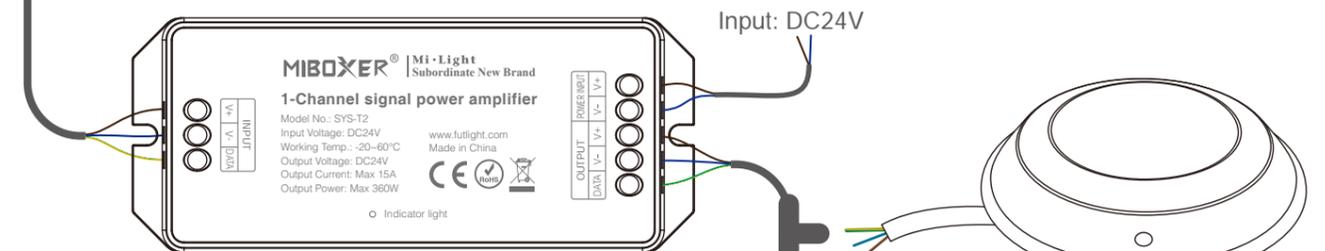


Use with \* 2.4GHz gateway \*  
Can be controlled by smartphone APP  
Can be controlled by third party voice.

Connected cable longest 300m



RGB+CCT LED Underground Light (Subordinate Lamp)

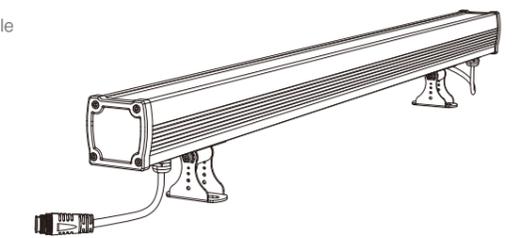


1-Channel signal power amplifier

⋮

RGB+CCT LED Underwater Light (Subordinate Lamp)

Connected cable longest 300m



RGB+CCT LED Wall Washer Light (Subordinate Lamp)

⋮  
And much more

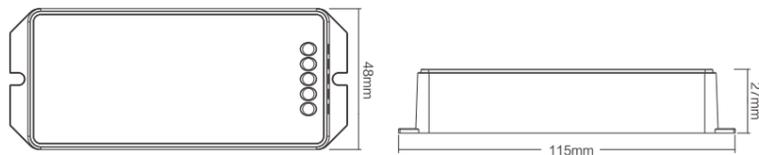
**Note:** When using "SYS-T1 controller", you need to add "SYS-T2 1-channel signal amplifier" for below 3 situations.

1. Connecting over 50pcs lights.
2. Connected cable length over 300m.
3. Output power over 360W.

# SYS Series

## Lighting control system

Widely used on building illumination, landscape illumination, underwater illumination, etc.

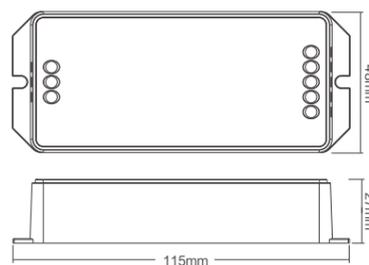


## 1-Channel Host Controller Model No.: SYS-T1

This controller adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. 2.4GHz RF remote controller, The controller has auto-transmitting and auto-synchronizing function. Only compatible with SYS series products, including wall washer light, underwater light and Garden Light,etc.

- RGB colors to choose
- 2.4GHz RF remote control control distance 30m
- Auto-transmitting function Auto-synchronizing function
- Color temperature 2700~6500K
- Smart phone APP control (2.4GHz gateway is needed)
- Support DMX512 control DMX512 transmitter (FUTD01) is needed
- Dimmable saturation control
- Support third party voice control (2.4GHz gateway is needed)

Model No.	Input Voltage	Working Temp.	Output Voltage	Output Current	Output Power	Controlling Distance	Compatible Remote
SYS-T1	DC24V	-20~60°C	DC24V	Max 15A	Max 360W	30m	FUT088 / FUT089 / FUT092 / B0 / B4 / B8 / T4



## 1-Channel Signal Power Amplifier Model No.: SYS-T2

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. Note: All connected lights to "SYS-T2 1-Channel signal power amplifier" cannot be over 360W, otherwise, it will damage the controller.

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

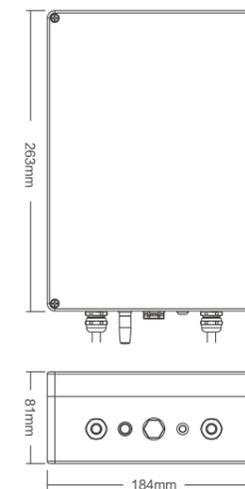
## 1-Channel Host Control Box Model No.: SYS-PT1

This control box adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. 2.4GHz RF remote controller, DMX512 controller ( Need DMX 512 LED transmitter. Model No. FUTD01 ). Also with smart phone APP control (2.4GHz gateway is needed). The controller has auto-transmitting and auto-synchronizing function. Only compatible with SYS series products, including wall washer light, underwater light and Garden Light,etc.

- RGB colors to choose
- 2.4GHz RF remote control control distance 30m
- Auto-transmitting function Auto-synchronizing function
- Color temperature 2700~6500K
- Smart phone APP control (2.4GHz gateway is needed)
- Support DMX512 control DMX512 transmitter (FUTD01) is needed
- Dimmable saturation control
- Support third party voice control (2.4GHz gateway is needed)
- IP66 Waterproof and dustproof grade IP66

## Parameters

Model No.: SYS-PT1  
 Input Voltage: AC100~240V 50/60Hz  
 Output Voltage: DC24V  
 Output Current: Max 8.5A  
 Output Power: Max 200W  
 Working Tempe.: -20~60°C  
 RF: 2.4GHz  
 Controlling Distance: 30m  
 IP Rate: IP66  
 Product Weight: 2.55kg  
 Compatible Remote: FUT088 / FUT089 / FUT092 / B0 / B4 / B8 / T4



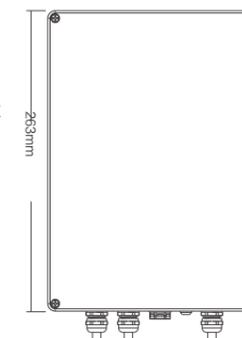
## Model No.: SYS-PT2 1-Channel Amplifier Box

The amplifier is to amplify the power and signal for "SYS-PT1 1-channel host control box". It can amplify the signal from "SYS-PT1 control box" to connect more LED lamps, and synchronously control more lamps. When you add one more amplifier, you can connect double LED lamps.

Note: All connected lights to "SYS-PT1 control box" cannot be over 200W, otherwise, it will damage the control box.

## Parameters

Model No.: SYS-PT2  
 Input Voltage: AC100~240V 50/60Hz  
 Output Voltage: DC24V  
 Output Current: Max 8.5A  
 Output Power: Max 200W  
 Working Tempe.: -20~60°C  
 IP Rate: IP66  
 Product Weight: 3.02kg



# SYS Series

## Lighting control system

Widely used on building illumination, landscape illumination, underwater illumination, etc.



Model No.: SYS-RL1

## RGB+CCT (24W)

### LED Wall Washer Light (Subordinate Lamp)

This product has to be connected to "SYS-T1 or SYS-PT1 Controller" to fulfill the remote controlling

The light housing is made of aluminium alloy with anodizing technology on the surface, and stalinite mirror surface with high light transmittance. Connecting with "SYS-T1 controller" or "SYS-PT1 controller box", you can 2.4G RF Remote controller, 16million color changing, color temperature, brightness and saturation. Widely used on building, bridge, showcase, and landscape, etc.



RGB colors to choose



Color temperature 2700~6500K



Beam angle 15°60°  
Illumination distance greater than 15m



Dimmable saturation control



IP66 Waterproof and dustproof grade IP66

## Parameters

Model No.: SYS-RL1

Input Voltage: DC24V

Power: 24W

Working Temp.: -20~60°C

Color Temp.: 2700~6500K

Luminous Flux: 1800LM

Light Efficiency: 75LM/W

CRI: >80

Lifespan: 50000h

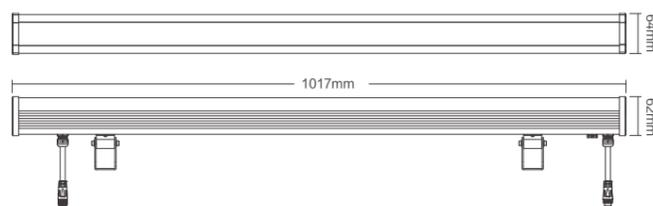
Beam Angle: 15°60°

Illumination Distance: >15m

IP Rate: IP66

Product Weight: 2.4kg

Housing Material: Die-cast aluminum, stalinite



## RGB+CCT LED Garden Light (Subordinate Lamp)

### Features

This product has to be connected to "SYS-T1 or SYS-PT1 Controller" to fulfill the remote controlling

The housing is made of die-cast aluminum, and the lens is made of transparent PC; no astigmatism, no shadow, elegant and delicate. We use silicone rubber to seal the light to assure the super waterproofness, waterproof rating is IP66. Connecting with "SYS-T1 controller" or "SYS-PT1 controller box", you can 2.4G RF Remote controller, 16million color changing, color temperature, brightness and saturation.



RGB colors to choose



Color temperature 2700~6500K



Dimmable saturation control



IP66 Waterproof and dustproof grade IP66



Beam Angle 15°  
Illumination distance greater than 10m



### 9W RGB+CCT LED Garden Light (Subordinate Lamp)

Model No.: SYS-RC1

Input Voltage: DC24V

Power: 9W

Working Temp.: -20~60°C

Color Temp.: 2700~6500K

Luminous Flux: 700LM

Light Efficiency: 80LM/W

CRI: >80

Lifespan: 50000h

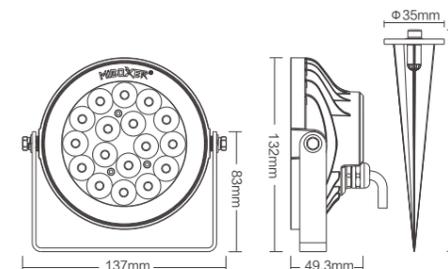
Illumination Distance: >10m

Beam Angle: 15°

IP Rate: IP66

Product Weight: 420g

Housing Material: Aluminum+stalinite



### 15W RGB+CCT LED Garden Light (Subordinate Lamp)

Model No.: SYS-RC2

Input Voltage: DC24V

Power: 15W

Working Temp.: -20~60°C

Color Temp.: 2700~6500K

Luminous Flux: 1200LM

Light Efficiency: 80LM/W

CRI: >80

Lifespan: 50000h

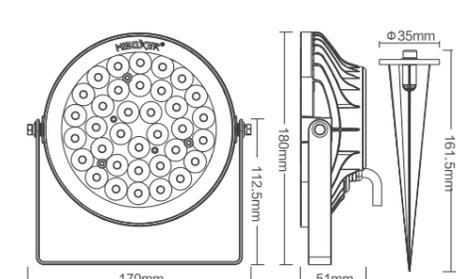
Illumination Distance: >10m

Beam Angle: 15°

IP Rate: IP66

Product Weight: 710g

Housing Material: Aluminum+stalinite



# SYS Series

## Lighting control system

Widely used on building illumination, landscape illumination, underwater illumination, etc.



## Features

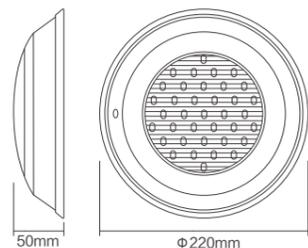
This product has to be connected to "SYS-T1 or SYS-PT1 Controller" to fulfill the remote controlling

This product is made of high elegant stainless steels and high quality PC cover. We use silicone rubber to seal the light, and pouring by resin to assure the super waterproofness. Waterproof rate is IP68. Connecting with "SYS-T1 controller" or "SYS-PT1 controller box", you can wireless control the 16million color changing, color temperature, brightness and saturation.



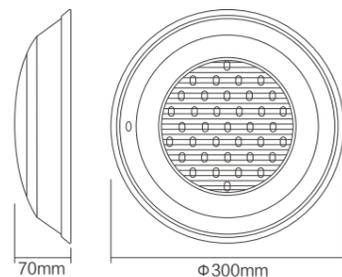
## 27W RGB+CCT LED Underwater Light (Subordinate Lamp)

Model No.: SYS-RW2  
 Input Voltage: DC24V  
 Power: 27W  
 Working Temp.: -20~60°C  
 Color Temp.: 2700~6500K  
 Luminous Flux: 2300LM  
 Light Efficiency: 85LM/W  
 CRI: >80  
 Lifespan: 50000h  
 Beam Angle: 160°  
 IP Rate: IP68  
 Product Weight: 1230g  
 Housing Material: Stainless Steel+PC



## 15W RGB+CCT LED Underwater Light (Subordinate Lamp)

Model No.: SYS-RW3  
 Input Voltage: DC24V  
 Power: 15W  
 Working Temp.: -20~60°C  
 Color Temp.: 2700~6500K  
 Luminous Flux: 1100LM  
 Light Efficiency: 72LM/W  
 CRI: >80  
 Lifespan: 50000h  
 Beam Angle: 160°  
 IP Rate: IP68  
 Product Weight: 750g  
 Housing Material: Stainless Steel+PC



## RGB+CCT LED Underground Light (Subordinate Lamp)

### Features

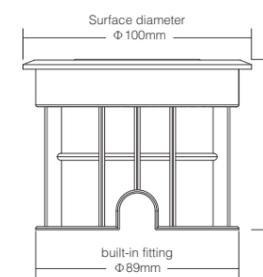
This product has to be connected to "SYS-T1 or SYS-PT1 Controller" to fulfill the remote controlling

The housing is made of die-cast aluminum and stainless steel; The lens is with high transmittance PC; light color is smooth, no diffused lighting and shadow. We adopt silicone seal protection; waterproof rate is IP68. Connecting with "SYS-T1 controller" or "SYS-PT1 controller box", you can wireless control the 16 millions color, color temperature, brightness and saturation. Widely used on plaza, park, garden and fountain, etc.



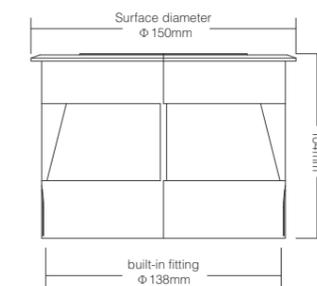
## 5W RGB+CCT LED Underground Light (Subordinate Lamp)

Model No.: SYS-RD1  
 Input Voltage: DC24V  
 Power: 5W  
 Working Temp.: -20~60°C  
 Color Temp.: 2700~6500K  
 Luminous Flux: 350LM  
 Light Efficiency: 70LM/W  
 CRI: >80  
 Lifespan: 50000h  
 Beam Angle: 30°  
 IP Rate: IP68  
 Product Weight: 440g  
 Housing Material: Aluminum+stainless steel



## 9W RGB+CCT LED Underground Light (Subordinate Lamp)

Model No.: SYS-RD2  
 Input Voltage: DC24V  
 Power: 9W  
 Working Temp.: -20~60°C  
 Color Temp.: 2700~6500K  
 Luminous Flux: 700LM  
 Light Efficiency: 80LM/W  
 CRI: >80  
 Lifespan: 50000h  
 Beam Angle: 15°  
 IP Rate: IP68  
 Product Weight: 950g  
 Housing Material: Aluminum+stainless steel



# Floodlight Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



## RGB+CCT LED Floodlight Series

Model No.	Power	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	Beam Angle	PF	IP Rate	Compatible Remote
FUTT07	100W	AC100~240V 50/60Hz	2700~6500K	8500LM	85LM/W	>80	160°	>0.9	IP65	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 / B0 / B3 / B4 / B8 / T3 / T4
FUTT02	50W			4200LM				>0.9		
FUTT03	30W			2800LM				>0.9		
FUTT04	20W			1800LM				>0.9		
FUTT05	10W			900LM				>0.5		
FUTT06	10W	DC 24V		900LM				—		

## Features

2.4GHz RF remote controllable, WiFi enabled smart phone control. 16 Millions of colors to choose, color temperature, brightness & saturation controllable. Made of a aluminium alloy bottom case and imported material covers with fashionable appearance, waterproof and dustproof, energy saving and environmental protecting, etc features. Widely used on park, apartment, gardens and street, etc.

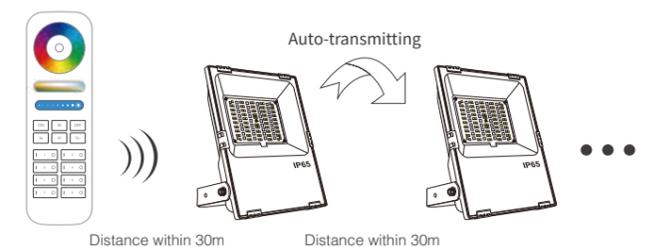
- RGB colors to choose
- Color temperature 2700~6500K
- Dimmable saturation control
- Auto-transmitting function  
Auto-synchronization function
- IP65 Waterproof and dustproof grade IP65
- Beam Angle 160°
- 2.4GHz RF remote control control distance 30m
- Smart phone APP control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

### Automatic Commands Transmitting Function

One floodlight can send the commands from the remote control to another, which makes the control distance limitless. ( The distance from one light to another has to be within 30m)

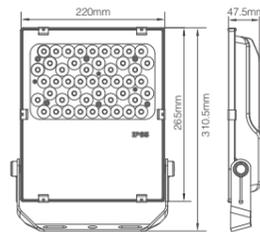
### Auto-synchronization function

Different floodlight can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and with same speed.



# Garden Light Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



Model No.: FUTC06

## 50W RGB+CCT LED Garden Light

### Features

This product is made of an aluminium alloy cover with a fashionable appearance, waterproof and dustproof, energy saving and environmental protection, etc. features. Widely used on parks, apartments, gardens and streets, etc.

- RGB colors to choose
- Color temperature 2700~6500K
- Dimmable saturation control
- Auto-transmitting function  
Auto-synchronization function
- Waterproof and dustproof grade IP65
- Support third party voice control  
(2.4GHz gateway is needed)
- 2.4GHz RF remote control  
control distance 30m
- Smart phone APP control  
(2.4GHz gateway is needed)
- Beam angle 25°  
Illumination distance greater than 15m

### Parameters

Input Voltage: AC100~240V 50/60Hz  
Power: 50W  
Working Temp.: -20~60°C  
Color Temp.: 2700K~6500K  
Luminous Flux: 4000LM  
Light Efficiency: 80LM/W  
CRI: >80  
PF: >0.9  
Lifespan: 50000 hours  
Beam Angle: 25°  
Illumination Distance: >15m  
IP Rate: IP65  
Material: Aluminum  
Compatible remote: FUT088 / FUT089 / FUT092 / FUT095 / FUT096 / B0 / B3 / B4 / B8 / T3 / T4



FUTC04

FUTC01 / FUTC02

FUTC03

FUTC05

### RGB+CCT LED Garden Light

Model No.	Power	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	Beam Angle	PF	IP Rate	Compatible Remote
FUTC01	9W	DC 24V	2700~6500K	700LM	80LM/W	>80	15°	—	IP66	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 / B0 / B3 / B4 / B8 / T3 / T4
FUTC02	9W	AC100~240V 50/60Hz	2700~6500K	700LM	80LM/W	>80	15°	>0.5		
FUTC03	15W			1200LM	80LM/W	>80	15°	>0.5		
FUTC04	6W			420LM	70LM/W	>75	25°	>0.5		
FUTC05	25W			1700LM	70LM/W	>75	15°	>0.5		

### Features

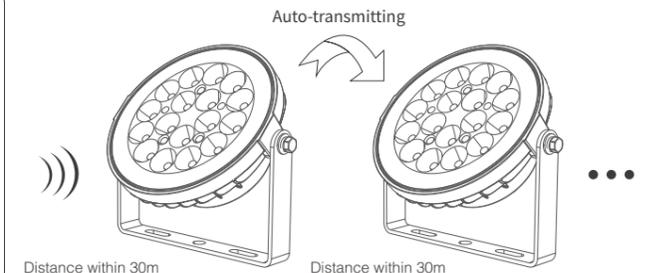
2.4GHz RF remote controllable, WiFi enabled smart phone control. 16 Millions of colors to choose, color temperature, brightness & saturation controllable.

Compatible remote: FUT088 / FUT089 / FUT092 / FUT095 / FUT096 / B0 / B3 / B4 / B8 / T3 / T4

- RGB colors to choose
- Color temperature 2700~6500K
- Dimmable saturation control
- Auto-transmitting function  
Auto-synchronization function
- Waterproof and dustproof grade IP66
- Beam angle 15°  
Illumination distance greater than 10m
- 2.4GHz RF remote control  
control distance 30m
- Smart phone APP control  
(2.4GHz gateway is needed)
- Support third party voice control  
(2.4GHz gateway is needed)

### Auto-transmitting Diagram

One garden light can transmit the signals from the remote control to another garden light within 30m, as long as there is a garden light within 30m, the remote control distance can be limitless.



### Auto-synchronization function

Different garden lights can work synchronously when they are started at different times, controlled by the same remote, under the same dynamic mode and with the same speed.

# Wall Washer Light Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



## Features

2.4GHz RF remote controllable, WiFi enabled smart phone control. 16 Millions of colors to choose, color temperature, brightness & saturation controllable. The light housing is made of aluminium alloy with anodizing technology on the surface, and stalinite mirror surface with high light transmittance. Widely used on building, bridge, showcase, and landscape, etc.

Compatible Remote: FUT088 / FUT089 / FUT092 / FUT095 / FUT096 / B0 / B3 / B4 / B8 / T3 / T4

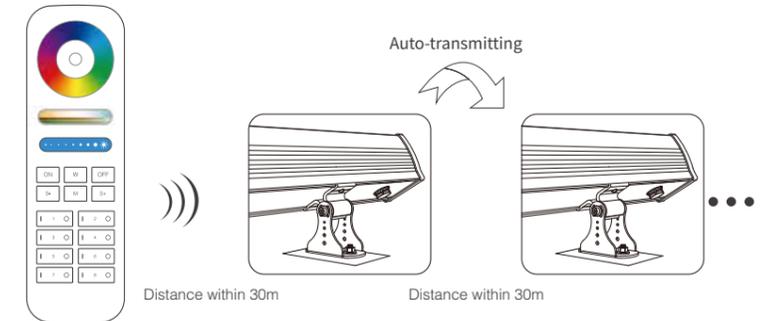
-  RGB colors to choose
-  Auto-transmitting function  
Auto-synchronization function
-  2.4GHz RF remote control  
control distance 30m
-  Color temperature  
2700~6500K
-  IP66 Waterproof and  
dustproof grade IP66
-  Smart phone APP control  
(2.4GHz gateway is needed)
-  Dimmable  
saturation control
-  Beam angle 15\*60°  
Illumination distance greater than 15m
-  Support third party voice control  
(2.4GHz gateway is needed)

### Auto-transmitting Diagram

One wall washer light can transmit the signals from the remote control to another wall washer light within 30m, as long as there is a wall washer light within 30m, the remote control distance can be limitless.

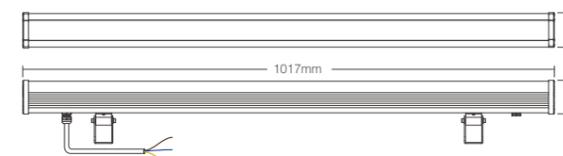
### Auto-synchronization function

Different wall washer light can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and with same speed.



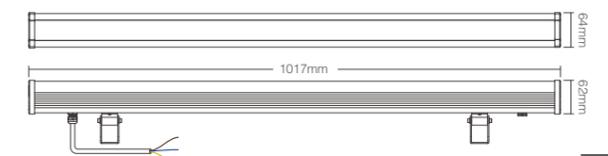
## 24W RGB+CCT LED Wall Washer Light

Model No.: RL1-24  
Input Voltage: AC100~240V 50/60Hz  
Working Temp.: -20~60°C  
Color Temp.: 2700~6500K  
Luminous Flux: 1800LM  
Light Efficiency: 75LM/W  
PF: >0.9  
CRI: >80  
Lifespan: 50000h  
RF: 2.4GHz  
Control Distance: 30m  
Beam Angle: 15\*60°  
Illumination Distance: >15m  
IP Rate: IP66  
Product Weight: 2.36kg  
Compatible Remote: FUT088 / FUT089 / FUT092  
FUT095 / FUT096 / B0 / B3/ B4 / B8 / T3 / T4



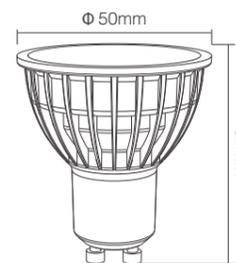
## 48W RGB+CCT LED Wall Washer Light

Model No.: RL2-48  
Input Voltage: AC100~240V 50/60Hz  
Working Temp.: -20~60°C  
Color Temp.: 2700~6500K  
Luminous Flux: 2800LM  
Light Efficiency: 60LM/W  
PF: >0.9  
CRI: >70  
Lifespan: 50000h  
RF: 2.4GHz  
Control Distance: 30m  
Beam Angle: 15\*60°  
Illumination Distance: >20m  
IP Rate: IP66  
Product Weight: 2.36kg  
Compatible Remote: FUT088 / FUT089 / FUT092  
FUT095 / FUT096 / B0 / B3/ B4 / B8 / T3 / T4



# Spotlight Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



## FUT103 GU10 RGB+CCT LED Spotlight

### Features

2.4GHz RF remote controllable, WiFi enabled smart phone control. 16 Millions of colors to choose, color temperature, brightness & saturation controllable.

- RGB colors to choose
- Color temperature 2700~6500K
- Dimmable saturation control
- 2.4GHz RF remote control control distance 30m
- Smart phone APP control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

Model No.	Power	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam Angle	Compatible Remote
FUT103	4W	AC100~240V 50/60Hz	2700~6500K	250~280LM	70LM/W	>80	0.55	25°	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4



## MR16 RGB+CCT LED Spotlight

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

Model No.	Power	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	Beam angle
FUT104	4W	AC/DC 12V	2700~6500K	250~280LM	70LM/W	>80	25°



## GU10 Dual White LED Spotlight

- 2.4GHz RF remote controllable, control distance within 30 meters
- Color temperature & Brightness adjustable
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

Model No.	Power	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle
FUT011	5W	AC100~240V 50/60Hz	2700~6500K	440~490LM	85~90LM/W	>80	>0.5	30°



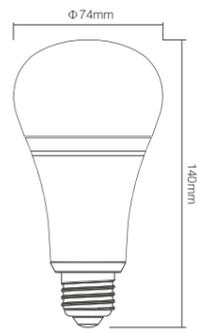
## GU10 RGBW LED Spotlight

- 2.4GHz RF remote controllable, control distance within 30 meters
- RGB+W color changing & Brightness Dimmable
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

Model No.	Power	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle
FUT018	5W	AC100~240V 50/60Hz	WW(2700~3200K) CW(6000~6500K)	440~490LM	85~90LM/W	>80	>0.5	30°

# Light Bulb Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



## FUT105 12W RGB+CCT LED Light Bulb

### Features

2.4GHz RF remote controllable, WiFi enabled smart phone control. 16 Millions of colors to choose, color temperature, brightness & saturation controllable.



RGB colors to choose



Color temperature 2700~6500K



Dimmable saturation control



2.4GHz RF remote control control distance 30m



Smart phone APP control (2.4GHz gateway is needed)



Support third party voice control (2.4GHz gateway is needed)

Model No.	Power	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam Angle	Base Type	Compatible Remote
FUT105	12W	AC100~240V 50/60Hz	2700~6500K	1100LM	90LM/W	>80	>0.5	220°	E26 / E27 / B22	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4



## E14 5W RGB+CCT LED Light Bulb

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone App control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Compatible Remote: FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4

Model No.	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Base Type
FUT013	AC100~240V 50/60Hz	2700~6500K	450LM	90LM/W	>80	>0.5	240°	E14



## 6W RGB+CCT LED Light Bulb

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Compatible Remote: FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4

Model No.	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Base Type
FUT014	AC100~240V 50/60Hz	2700~6500K	550LM	95LM/W	>80	>0.5	180°	E26 / E27 / B22



## 9W RGB+CCT LED Light Bulb

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Compatible Remote: FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4

Model No.	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Base Type
FUT012	AC100~240V 50/60Hz	2700~6500K	850LM	95LM/W	>80	>0.5	220°	E26 / E27 / B22

# Downlight Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



## FUT062 9W RGB+CCT LED Ceiling Spotlight

### Features

2.4GHz RF remote controllable, WiFi enabled smart phone control. 16 Millions of colors to choose, color temperature, brightness & saturation controllable.



RGB colors to choose



Color temperature  
2700~6500K



Dimmable  
saturation control



2.4GHz RF remote control  
control distance 30m



Smart phone APP control  
(2.4GHz gateway is needed)



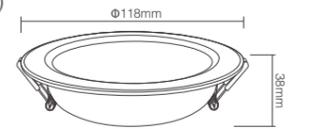
Support third party voice control  
(2.4GHz gateway is needed)

Model No.	Power	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam Angle	Hole Size	Compatible Remote
FUT062	9W	AC100~240V 50/60Hz	2700~6500K	700LM	80LM/W	>80	>0.5	15°	ø120~125mm	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4



## FUT068 6W RGB+CCT LED Downlight

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

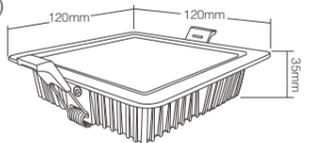


Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Hole Size	Compatible Remote
AC100~240V 50/60Hz	2700~6500K	600LM	85LM/W	>80	>0.5	120°	ø90-95mm	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4



## FUT064 9W RGB+CCT LED Downlight

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

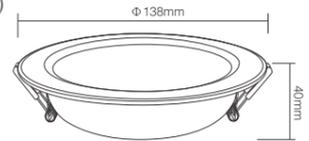


Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Hole Size	Compatible Remote
AC100~240V 50/60Hz	2700~6500K	720LM	80LM/W	>80	>0.5	120°	105*105mm	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4



## FUT061 9W RGB+CCT LED Downlight

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

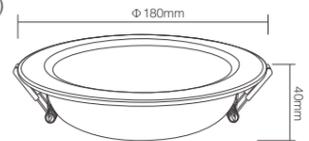


Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Hole Size	Compatible Remote
AC100~240V 50/60Hz	2700~6500K	720LM	80LM/W	>80	>0.5	120°	ø110-125mm	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4



## FUT066 12W RGB+CCT LED Downlight

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Hole Size	Compatible Remote
AC100~240V 50/60Hz	2700~6500K	1100LM	88LM/W	>80	>0.5	120°	ø145-150mm	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4

# Downlight Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



## FUT060 25W RGB+CCT LED Downlight

### Features

2.4GHz RF remote controllable, WiFi enabled smart phone control. 16 Millions of colors to choose, color temperature, brightness & saturation controllable.



RGB colors to choose



Color temperature  
2700~6500K



Dimmable  
saturation control



2.4GHz RF Remote control  
Control distance 30m



Smart phone APP control  
(2.4GHz gateway is needed)



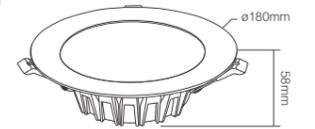
Support third party voice control  
(2.4GHz gateway is needed)

Model No.	Power	Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam Angle	Hole Size	Compatible Remote
FUT060	25W	AC100~240V 50/60Hz	2700~6500K	2000LM	80LM/W	>80	>0.5	120°	ø200~210mm	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4



## FUT065 18W RGB+CCT LED Downlight

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Hole Size	Compatible Remote
AC100~240V 50/60Hz	2700~6500K	1500LM	85LM/W	>80	>0.5	120°	ø150mm	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4



## FUT063 IP54 Waterproof 6W RGB+CCT LED Downlight

- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

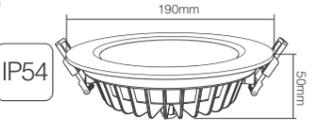


Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Hole Size	Compatible Remote
AC100~240V 50/60Hz	2700~6500K	500LM	80LM/W	>80	>0.5	120°	ø100mm	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4



## FUT069 IP54 Waterproof 15W RGB+CCT LED Downlight

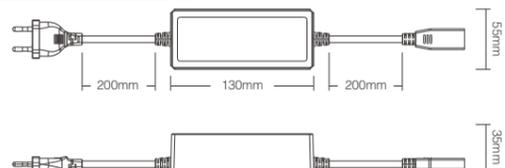
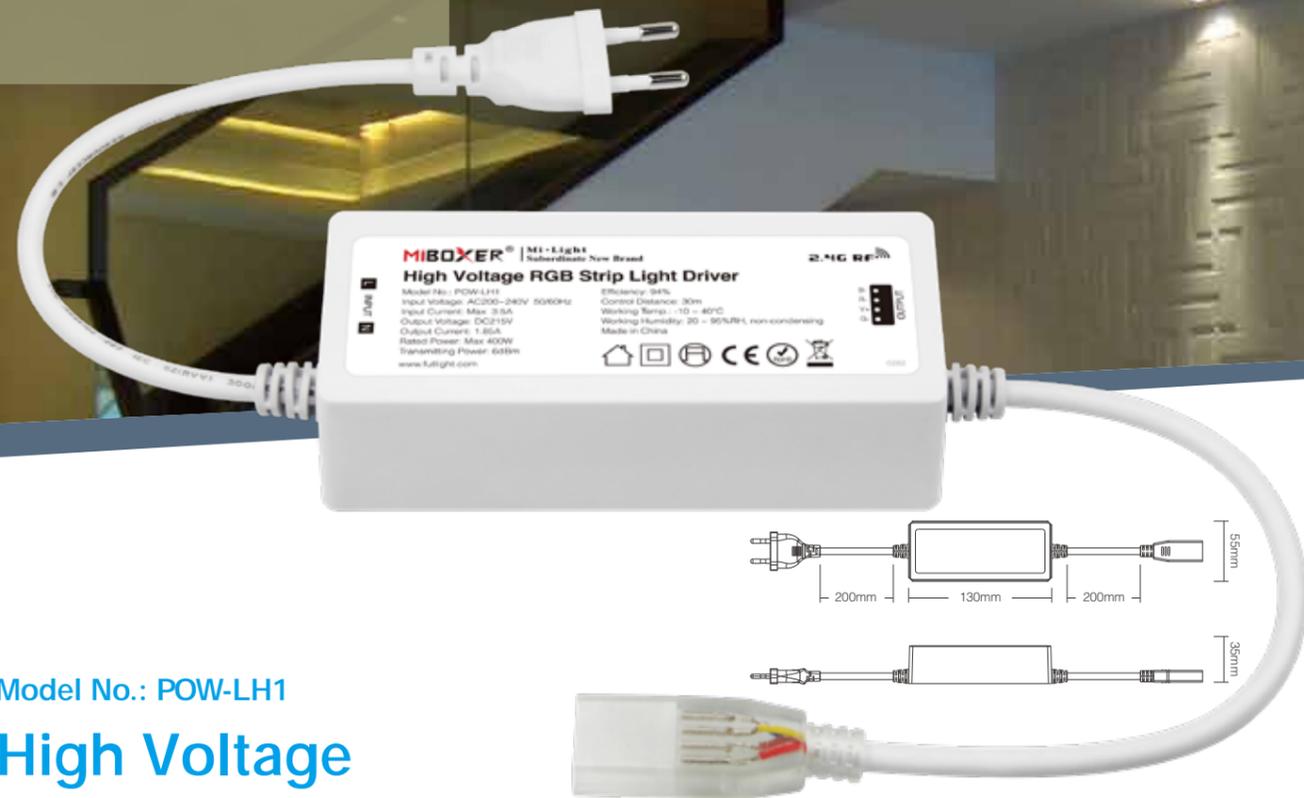
- 2.4GHz RF remote controllable, control distance within 30 meters
- Dimmable & color temperature adjustable color changing & saturation control
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Input Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Hole Size	Compatible Remote
AC100~240V 50/60Hz	2700~6500K	1200LM	80LM/W	>80	>0.5	120°	ø175-180mm	FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4

# LED Strip Controller Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



Model No.: POW-LH1

## High Voltage RGB Strip Light Driver

### Features

This product use 2.4G wireless remote controller, and smart phone APP control and 4G control via 2.4GHz gateway. It use PWM pulse dimming method with no flickering and built-in power supply soft-start function. Also can well avoid the LED chips broken due to the overshoot. It's with the protection for output over current, over loading, over voltage and short circuit function.

-  RGB colors to choose
-  Support third party voice control (2.4GHz gateway is needed)
-  Color temperature 2700~6500K
-  2.4GHz RF remote control control distance 30m
-  Dimmable saturation control
-  Smart phone APP control (2.4GHz gateway is needed)
-  Auto-transmitting function  
Auto-synchronization function

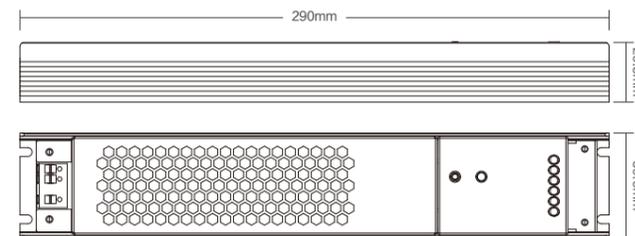
### Parameters

Input Voltage: AC200~240V 50/60Hz  
Input Current: Max 3.5A  
Output Voltage: DC215V  
Output Current: 1.85A  
Rated Power: Max 400W  
RF: 2.4GHz Transmitting Power: 6dBm  
Efficiency: 94%  
PF:  $\geq 0.5$   
Output Connecting Method: RGB common anode (4 channel 3 circuit)  
Working Temp.: -10 ~ 40°C  
Working Humidity: 20 ~ 95%RH, non-condensing  
Storage Temp., Humidity: -30 ~ 85°C, 5~95%RH  
Control Distance: 30m  
Compatible Remote: FUT088 / FUT089 / FUT092  
FUT095 / FUT096 / B0 / B3/ B4 / B8 / T3 / T4



## 100W 5 in 1 LED Strip Controller

Built-in power transformer



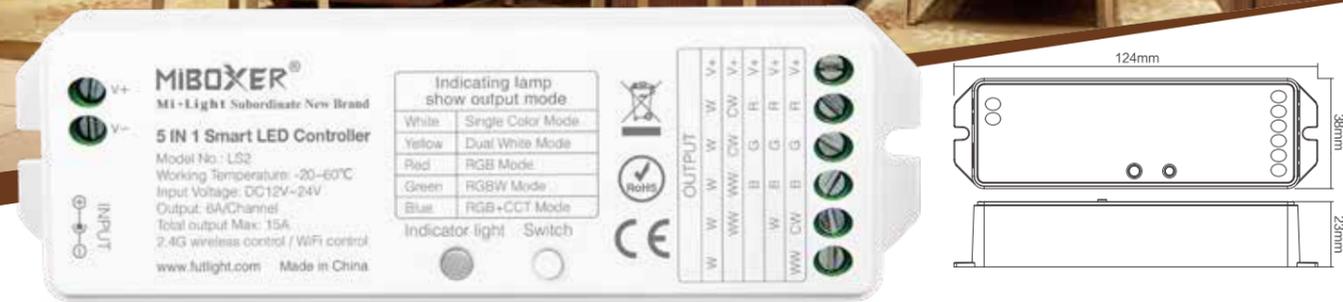
100W 5 in 1 (Single Color & CCT & RGB & RGBW & RGB+CCT) smart strip controller is our newly developed high-end LED controller controlled by wireless remote controller, also with smart phone control and 4G long distance control (2.4GHz gateway is needed). The controller has auto-transmitting and auto-synchronizing function and with brightness, CCT, RGB, RGBW and RGB+CCT output mode. This controller adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. One compatible remote control many controllers at the same time. Widely used on the controlling of hotel lighting and home lighting.

-  RGB colors to choose
-  Color temperature 2700~6500K
-  Dimmable saturation control
-  2.4GHz RF remote control control distance 30m
-  Smart phone APP control (2.4GHz gateway is needed)
-  Support third party voice control (2.4GHz gateway is needed)
-  Auto-transmitting function  
Auto-synchronization function

Model No.	Input Voltage	Output Voltage	Output Current (Max)	Output Power (Max)	PF	Remote Control Distance	Compatible Remote
PX1	AC180~240V 50/60Hz	DC24V	4.5A	100W	>0.5	30m	FUT006 / FUT007 / FUT087 / FUT088 / FUT089 / FUT091 / FUT092 FUT095 / FUT096 / B0 / B1 / B2 / B3 / B4 / B8 / T1 / T2 / T3 / T4

# LED Strip Controller Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



## Model No.: LS2 5 in 1 LED Strip Controller

### Features

5 in 1 (RGB+CCT / RGBW / RGB / Dual White / Single Color), controlled by wireless remote controller, also with smart phone control and 4G long distance control (2.4GHz gateway is needed). Dimmable & color temperature adjustable, color changing & saturation control. The controller has auto-transmitting and auto-synchronizing function

-  RGB colors to choose
-  Support third party voice control (2.4GHz gateway is needed)
-  Color temperature 2700-6500K
-  2.4GHz RF remote control control distance 30m
-  Dimmable saturation control
-  Smart phone APP control (2.4GHz gateway is needed)
-  Auto-transmitting function  
Auto-synchronization function

### Parameters

Model No.: LS2  
Input Voltage: DC12V~24V  
Output: 6A/Channel  
Total Output Max: 15A  
Working Temp.: -20~60°C  
RF: 2.4GHz  
Transmitting Power: 6dBm  
Control Distance: 30m  
Connection: Common anode  
Size: 124\*38\*23mm  
Weight: 60g  
Compatible Remote: FUT006 / FUT007  
FUT087 / FUT088 / FUT089 / FUT091  
FUT092 / FUT095 / FUT096 / B0 / B1  
B2 / B3 / B4 / B8 / T1 / T2 / T3 / T4

Model No.: FUT035



Model No.: FUT036



Model No.: FUT037



Model No.: FUT038



Model No.: FUT039



### 4-Zone Dual White LED Strip Controller

- 2.4GHz RF remote controllable, control distance within 30 meters
- Brightness & color temperature adjustable
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Input Voltage	Output	Control Distance	Size	Compatible Remote
DC12V-24V	Max. 6A/Channel Total output Max.10A	30m	85*45*22.5mm	FUT006 / FUT007 / FUT091 / B2 / T2

### 4-Zone Single Color LED Strip Controller

- 2.4GHz RF remote controllable, control distance within 30 meters
- Brightness Dimming
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Input Voltage	Output	Control Distance	Size	Compatible Remote
DC12V-24V	Max. 6A/Channel Total output Max.10A	30m	85*45*22.5mm	FUT006 / FUT007 / FUT087 / FUT091 B1 / B2 / T1 / T2

### 4-Zone RGB LED Strip Controller

- 2.4GHz RF remote controllable, control distance within 30 meters
- RGB color changing & brightness dimmable
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Input Voltage	Output	Control Distance	Size	Compatible Remote
DC12V-24V	Max. 6A/Channel Total output Max.10A	30m	85*45*22.5mm	FUT092 / FUT095 / FUT096 / B3 / B4 / T3 / T4

### 4-Zone RGBW LED Strip Controller

- 2.4GHz RF remote controllable, control distance within 30 meters
- RGB+W Color changing & Brightness Dimmable
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Input Voltage	Output	Control Distance	Size	Compatible Remote
DC12V-24V	Max. 6A/Channel Total output Max.10A	30m	85*45*22.5mm	FUT092 / FUT095 / FUT096 / B3 / B4 / T3 / T4

### 4-Zone RGB+CCT LED Strip Controller

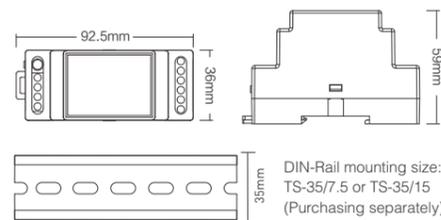
- Dimmable & color temperature adjustable, color changing & saturation control.
- 2.4GHz RF remote controllable, control distance within 30 meters
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Input Voltage	Output	Control Distance	Size	Compatible Remote
DC12V-24V	Max. 6A/Channel Total output Max.10A	30m	85*45*22.5mm	FUT088 / FUT089 / FUT092 / B0 / B4 / B8 / T4

# LED Strip Controller Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



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

## Model No.: LS2S 5 in 1 LED Strip Controller

### Features

5 in 1 (RGB+CCT / RGBW / RGB / Dual White / Single Color), controlled by wireless remote controller, also with smart phone control and 4G long distance control (2.4GHz gateway is needed). Dimmable & color temperature adjustable, color changing & saturation control. The controller has auto-transmitting and auto-synchronizing function



RGB colors to choose



Support third party voice control  
(2.4GHz gateway is needed)



Color temperature  
2700~6500K



2.4GHz RF remote control  
control distance 30m



Dimmable  
saturation control



Smart phone APP control  
(2.4GHz gateway is needed)



Auto-transmitting function  
Auto-synchronization function

### Parameters

Model No.: LS2S  
Input Voltage: DC12V~24V  
Output: 6A/Channel  
Total Output Max: 15A  
Working Temp.: -20~60°C  
RF: 2.4GHz  
Transmitting Power: 6dBm  
Control Distance: 30m  
Connection: Common anode  
Size: 92.5\*36\*59mm  
Weight: 66g  
Compatible Remote: FUT006 / FUT007  
FUT087 / FUT088 / FUT089 / FUT091  
FUT092 / FUT095 / FUT096 / B0 / B1  
B2 / B3 / B4 / B8 / T1 / T2 / T3 / T4

# Amplifier Series

Amplifying the receiving signals, the strip lights can extend to limitless length.  
Everytime you add one more amplifier you can connect twice as many as LEDs

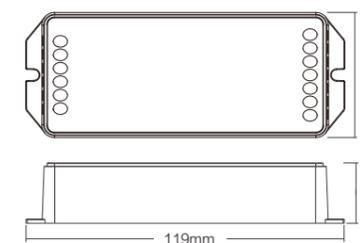
### Features

Adopt high speed optical coupler with 10Mbps output rate; it can output the signal of main controller completely and synchronously. This products work on all PWM series LED controllers in market; Made from the big current MOSFET to assure the high rate output. Everytime you add one more amplifier, you can connect twice as many as LEDs. Theoretically, it can connect countless amplifier, input and output is with optoelectronic isolation. Working with main controller can satisfy the application requiring large power, wide range and synchronization area.



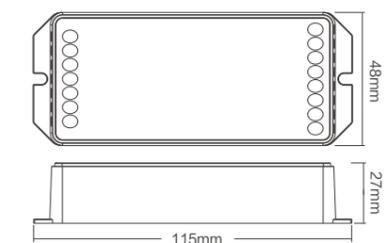
## 4-Channel High Performance Amplifier

Model No.: PA4  
Input / Output Voltage: DC12V/24V  
Output Current: 6A/Channel  
Total Output Max: 15A  
Switching Rate: 10Mbps  
Working Temp.: -20~60°C  
Connection: Common anode  
Size: 119\*46.5\*22.5mm  
Weight: 69g



## 5-Channel High Performance Amplifier

Model No.: PA5  
Input / Output Voltage: DC12V/24V  
Output Current: 6A/Channel  
Total Output Max: 15A  
Switching Rate: 10Mbps  
Working Temp.: -20~60°C  
Connection: Common anode  
Size: 115\*48\*27mm  
Weight: 83g



# LED Strip Controller System Series

2.4GHz RF remote controllable  
Smart phone APP long distance control  
(2.4GHz gateway is needed)



## Model No.: FUT043 RGB LED Strip Control System

- RGB colors to choose
- Mix red, green and blue light to adjust color temperature.
- Dimmable saturation control
- 2.4GHz RF remote control control distance 30m
- Smart phone APP control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

## Model No.: FUT044 RGBW LED Strip Control System

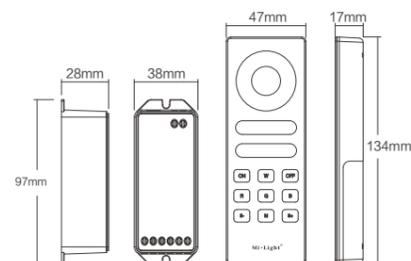
- RGB colors to choose
- Color temperature 2700K / 6500K
- Dimmable saturation control
- 2.4GHz RF remote control control distance 30m
- Smart phone APP control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

## Model No.: FUT045 RGB+CCT LED Strip Control System

- RGB colors to choose
- Color temperature 2700~6500K
- Dimmable saturation control
- 2.4GHz RF remote control control distance 30m
- Smart phone APP control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

## Parameters

Model No.	Parameters	
FUT043/ FUT044 / FUT045	Input Voltage: DC12V~24V Output Max: 6A/Channel Total Output Max: 15A	Working Temperature: -20~60°C Max Controlling Distance: 30m Compatible Remote: FUT088 / FUT089 / FUT092 / B0 / B4 / B8 / T4
FUT088 (Remote control)	Working Voltage: 3V(AAA*2PCS) Transmitting Power: 6dBm Standby Power: 20uA	Working Temperature: -20~60°C Radio Frequency: 2400-2483.5MHz



FUT021



FUT022



FUT020



FUT025



FUT027



FUT028



## Single Color LED Strip Control System

- Brightness dimmable
- 2.4GHz RF remote controllable, control distance within 30 meters
- Smart phone APP control (2.4GHz gateway is needed)



Model No.	Input Voltage	Output	RF	Control Distance	Size
FUT021	DC12V~24V	Max. 6A/Channel Total output Max.10A	2.4GHz	30m	Controller: 85*45*22.5mm Remote: 114*55.5*21.5mm

## Dual White LED Strip Control System

- Dimmable & color temperature adjustable
- 2.4GHz RF remote controllable, control distance within 30 meters
- Smart phone APP control (2.4GHz gateway is needed)



Model No.	Input Voltage	Output	RF	Control Distance	Size
FUT022	DC12V~24V	Max. 6A/Channel Total output Max.10A	2.4GHz	30m	Controller: 85*45*22.5mm Remote: 114*55.5*21.5mm

## RGB LED Strip Control System

- RGB color changing & brightness dimmable
- 2.4GHz RF remote controllable, control distance within 30 meters
- Smart phone APP control (2.4GHz gateway is needed)



Model No.	Input Voltage	Output	RF	Control Distance	Size
FUT020	DC12V~24V	Max. 6A/Channel Total output Max.10A	2.4GHz	30m	Controller: 85*45*22.5mm Remote: 114*55.5*21.5mm

## Touch RGB LED Strip Control System

- RGB color changing & brightness dimmable
- 2.4GHz RF remote controllable, control distance within 30 meters
- Smart phone APP control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Model No.	Input Voltage	Output	RF	Control Distance	Size
FUT025	DC12V~24V	Max. 6A/Channel Total output Max.10A	2.4GHz	30m	Controller: 85*45*22.5mm Remote: 110*53*20.5mm

## Touch RGBW LED Strip Control System

- RGB+W color changing & brightness dimmable
- 2.4GHz RF remote controllable, control distance within 30 meters
- Smart phone APP control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



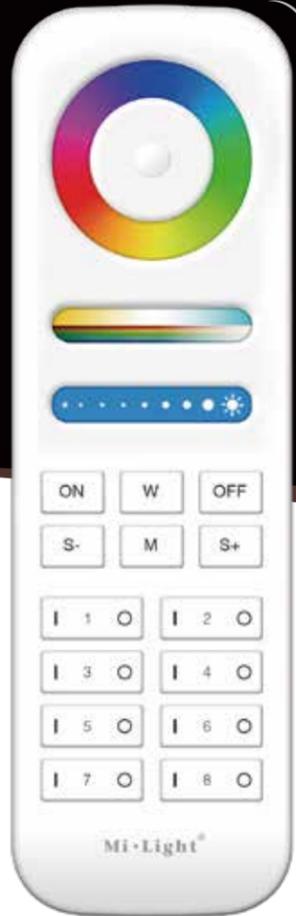
Model No.	Input Voltage	Output	RF	Control Distance	Size
FUT027	DC12V~24V	Max. 6A/Channel Total output Max.10A	2.4GHz	30m	Controller: 85*45*22.5mm Remote: 110*53*20.5mm

## RGBW Auto Transmitting&Synchronizing LED Strip Control System

- RGB+W color changing & brightness dimmable
- 2.4GHz RF remote controllable, control distance within 30 meters
- Smart phone APP control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



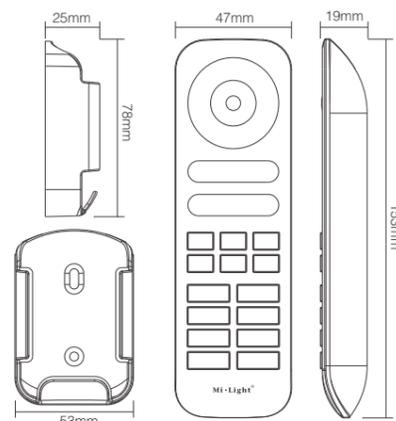
Model No.	Input Voltage	Output	RF	Control Distance	Size
FUT028	DC12V~24V	Max. 6A/Channel Total output Max.10A	2.4GHz	30m	Controller: 85*45*22.5mm Remote: 120*52.5*21mm



### Model No.: FUT089 8-Zone RGB+CCT Remote Control

Adopt world-wide used 2.4GHz frequency, GFSK control method, with the features of low power consumption, long distance transmitting, strong anti-interference and fast communication rate; can control specified smart light with color, color temperature, saturation and brightness changing.

Model No.	Power	Working Voltage	Transmission Frequency	Modulation Method	Control Distance
FUT089	Power Consumption: 6dBm Standby Power Consumption: 20uA	3V(Sevion 2 Battery)	2.4GHz	GFSK	30m



## Remote Control Parameters

Model No.	Power	Working Voltage	Transmission Frequency	Modulation Method	Control Distance
FUT006 / FUT007 / FUT087 / FUT088 FUT091 / FUT092 / FUT095 / FUT096 FUT098	Power Consumption: 6dBm Standby Power Consumption: 20uA	3V (AAA*2PCS)	2.4GHz	GFSK	30m



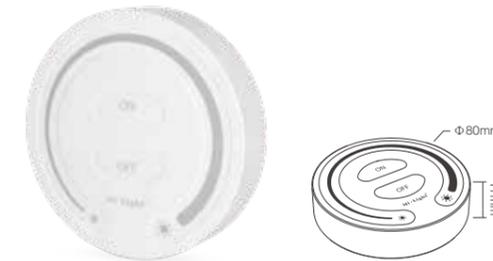
### Model No.: FUT006 4-Zone Rotating Wheel Remote Control

- Dimmable and color temperature adjustable
- Individided 4-zone group lighting separately, no bulb qty limited



### Model No.: FUT007 4-Zone Dual White Remote Control

- Dimmable and color temperature adjustable
- Individided 4-zone group lighting separately, no bulb qty limited



### Model No.: FUT087 Touch Dimming Remote Controller

- Adopt high-precision touching IC; Touching is more stable and sensitive.
- 2.4GHz RF transmission tech, can control specified smart light.



### Model No.: FUT088 RGB+CCT Full Touch Remote Controller

- Dimmable & color temperature adjustable, color changing & saturation control.
- Delay off light.



### Model No.: FUT092 4-Zone RGB+CCT Remote Controller

- Dimmable & color temperature adjustable, color changing & saturation control
- Individided 4-zone group lighting separately, no bulb qty limited



### Model No.: FUT095 4-Zone RGBW Remote Control With Button

- RGB+W color changing, brightness control
- Individided 4-zone group lighting separately, no bulb qty limited



### Model No.: FUT096 4-Zone Touch RGBW Remote Control

- RGB+W color changing, brightness control
- Individided 4-zone group lighting separately, no bulb qty limited

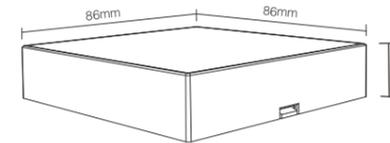
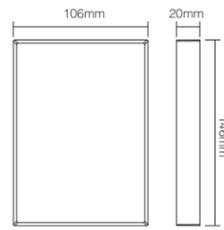


### Model No.: FUT098 Touch RGB Remote Control

- RGB color changing, brightness control
- Control distance 30 meters

# Panel

Remote Controller Series



## B8

### 8-Zone Smart Panel Remote Controller

Model No.	Working Voltage	Power	Transmission Frequency	Modulation Method	Control Distance
B8	3V (AAA*2PCS) / DC 3.3V	Power Consumption: 6dBm Standby Power Consumption: 30uA	2.4GHz	GFSK	30m

Adopt world-wide used 2.4GHz frequency, GFSK control method, with the features of low power consumption, long distance transmitting, strong anti-interference and fast communication rate; can control specified smart light with color, color temperature, saturation and brightness changing.

8-Zone Area each zone no qty limited bulb

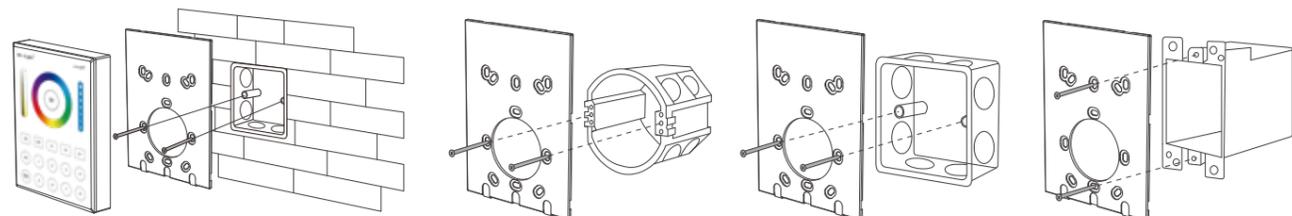
60 Seconds Delay OFF

High-precision touching IC is more stable and sensitive

RGB colors to choose

Color temperature adjustable

Dimmable saturation control



## B0

### Smart Panel Remote Controller

Model No.	Working Voltage	Power	Transmission Frequency	Modulation Method	Control Distance
B0	3V (AAA*2PCS)	Power Consumption: 6dBm Standby Power Consumption: 20uA	2.4GHz	GFSK	30m

Panel is designed by a delicate and fashionable tempered glass panel; and we adopt a high precision capacitive touch screen IC. Touch screen is very stable; 2.4GHz high RF wireless control with long distance controlling, low power consumption and high speed transmitting rate. can control specified smart light with color, color temperature, saturation and brightness changing.

10 Minutes Delay OFF

60 Seconds Delay OFF

High-precision touching IC is more stable and sensitive

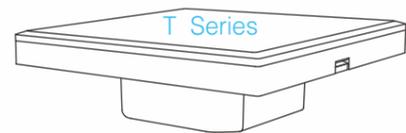
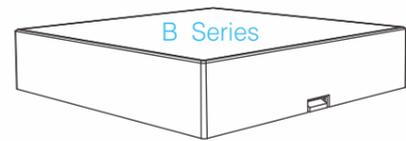
RGB colors to choose

Color temperature adjustable

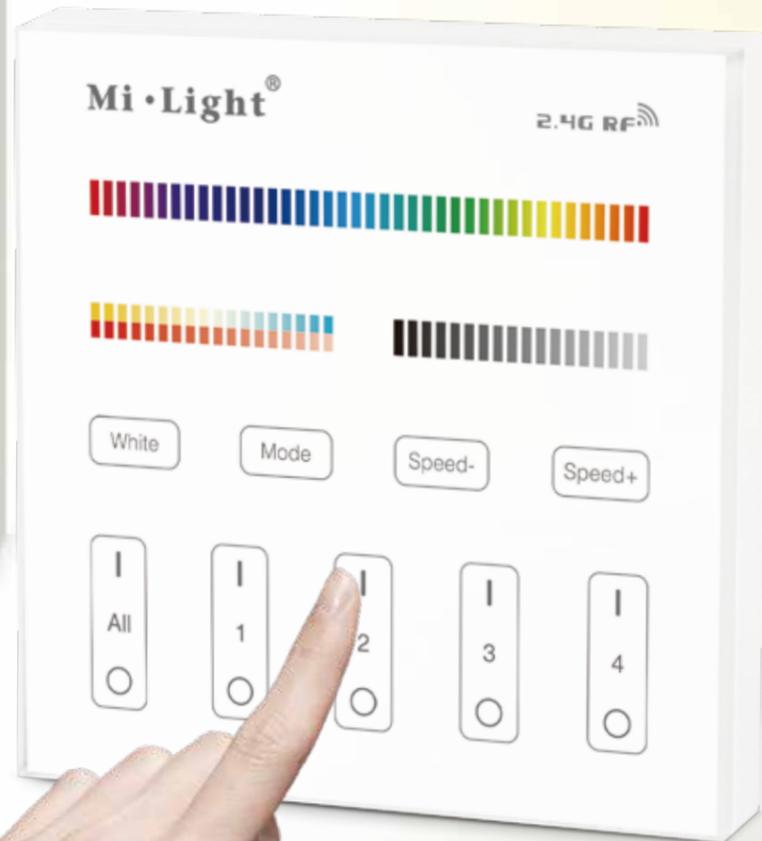
Dimmable saturation control

# Panel

Remote Controller Series

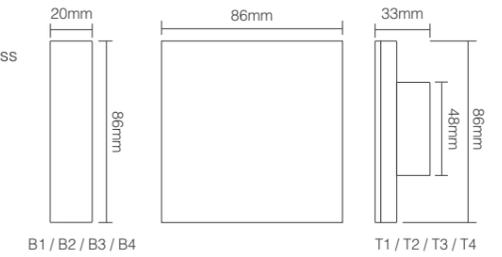


The appearance is made of a pretty and fashionable glass panel



## Features

This Panel Remote Controller is designed by a delicate and fashionable tempered glass panel; and we adopt a high precision capacitive touch screen IC. Touch screen is very stable; 2.4Ghz high RF wireless control with long distance controlling, low power consumption and high speed transmitting rate. This product has T series and P series, and the difference is the method of power supplying. Both series have 4 kinds: T1/B1 4-zone brightness dimming panel remote controller; T2/B2 4-zone CCT panel remote controller; T3/B3 4-zone RGB/RGBW panel remote controller; T4/B4 4-zone RGB+CCT panel remote controller. This product widely work on our smart LED Lighting, LED controller and smart panel controller, etc.



## Parameters

Model No.	Working Voltage	Power	Transmission Frequency	Modulation Method	Control Distance	Size
B1 / B2 / B3 / B4	3V (AAA*2PCS)	Transmitting Power: 6dBm Standby Power Consumption: 20uA	2.4GHz	GFSK	30m	86*86*20mm
T1 / T2 / T3 / T4	AC90~120V / AC180~240V	Transmitting Power: 6dBm	2.4GHz	GFSK	30m	86*86*33mm

### B1/T1

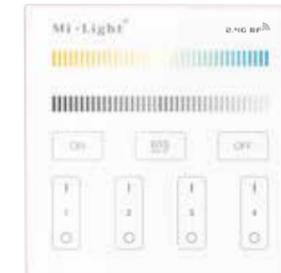


#### 4-Zone Single Color Panel Remote Controller Model No.: B1 / T1

- Brightness dimming
- Individided 4-zone group lighting separately, no bulb qty limited
- Adopt a hight precision capacitive touch screen IC, touch screen is very stable



### B2/T2

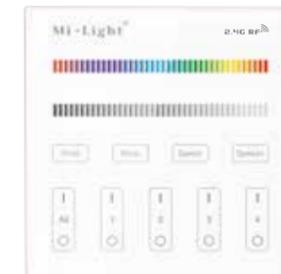


#### 4-Zone Dual White Panel Remote Controller Model No.: B2 / T2

- Dimmable and color temperature adjustable
- Individided 4-zone group lighting separately, no bulb qty limited
- Adopt a hight precision capacitive touch screen IC, touch screen is very stable



### B3/T3

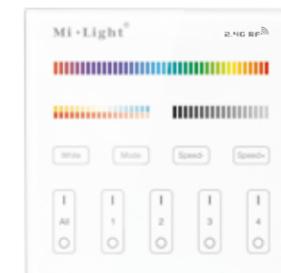


#### 4-Zone RGBW Panel Remote Controller Model No.: B3 / T3

- RGB+W color changing, brightness & saturation control, 9 modes switching
- Individided 4-zone group lighting separately, no bulb qty limited
- Adopt a hight precision capacitive touch screen IC, touch screen is very stable



### B4/T4

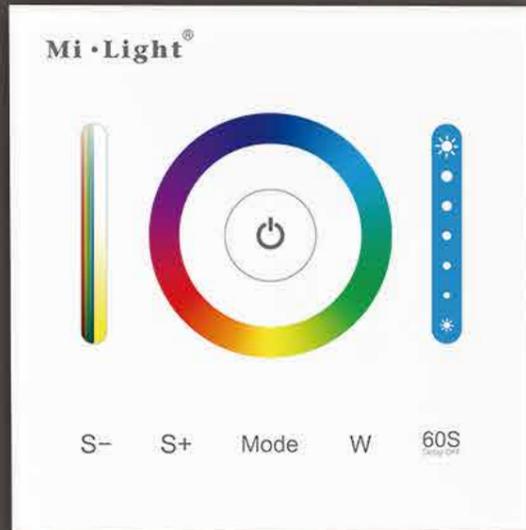


#### 4-Zone RGB+CCT Panel Remote Controller Model No.: B4 / T4

- Dimmable & color temperature adjustable, color changing & saturation control 9 modes switching
- Individided 4-zone group lighting separately, no bulb qty limited
- Adopt a hight precision capacitive touch screen IC, touch screen is very stable

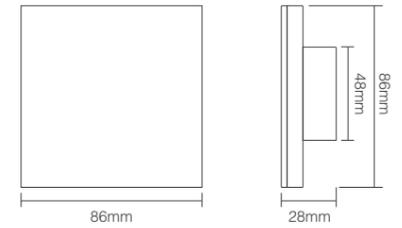


# Panel Controller Series



## Features

Smart panel controller is a newly high-end controller. The appearance is made of a pretty and fashionable glass panels. And we adopt a high precision capacitive touch screen IC. Touch screen is very stable. Also It has memory function (Turn off the light, then turn on again, The lamps will keep the same light as before). This controller widely work on single color, CCT, RGB, RGBW and RGB+CCT LED strip. Also work on flexible strip, panel light, rolling strip. Easily install and operate.



## Parameters

Model No.	Input Voltage	Output	Working Temp.	Output Connection	Size
P1 / P2 / P3	DC12-24V	Max. 6A/Channel Total output Max.15A	-20 -60°C	Common anode	86*86*28mm

### P1

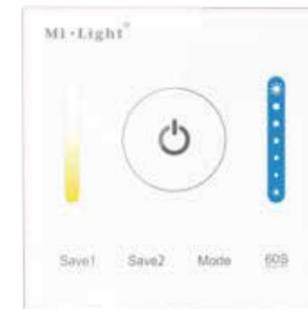


#### Single Color Smart Panel Controller Model No.: P1

- Brightness dimming, 9 modes switching
- LED night indicating lamp
- Adopt a high precision capacitive touch screen IC, touch screen is very stable



### P2



#### Dual White Smart Panel Controller Model No.: P2

- Dimmable and color temperature adjustable
- Two types user defined save color, 9 modes switching
- LED night indicating lamp
- Adopt a high precision capacitive touch screen IC, touch screen is very stable



### P3



#### 3 in 1 ( RGB&RGBW&RGB+CCT ) Smart Panel Controller Model No.: P3

- This controller is compatible with RGB,RGBW and RGB+CCT version it will be RGBW version when you get it first time.
- Dimmable & color temperature adjustable, color changing & saturation control
- 12 modes switching, LED night indicating lamp



# 0/1~10V LED Dimming Driver Series

1~10V and 0~10V signal to adjust the light brightness (0~100%), Also support 2.4GHz RF remote controllable



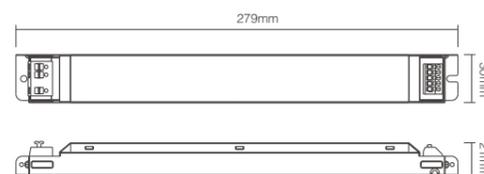
## Model No.: PL1 40W 0/1~10V Dimming Driver

### Features

40W 0/1~10V dimming driver is a newly developed dimming controller. The shell is made of galvanized material, with beautiful appearance. Compatible connected to 1~10V and 0~10V signal to adjust the light brightness (0~100%). support 2.4GHz remote control, Also support smart phone APP control (2.4GHz gateway is needed ) widely used on the controlling of hotel lighting and home lighting.

-  Dimmable (0~100%)
-  Smart phone APP control (2.4GHz gateway is needed)
-  2.4GHz RF remote control control distance 30m
-  Support third party voice control (2.4GHz gateway is needed)

Input Voltage	PF	ta	tc	Output Voltage	Output Current (Constant Current)	Output Power (Max)	Dimming Range	Remote Control Distance	Compatible Remote
AC180~240V 50/60Hz	>0.9	50°C	85°C	DC30-40V	900mA	40W	0-100%	30m	FUT006 / FUT007 / FUT087 / FUT091 B1 / B2 / T1 / T2

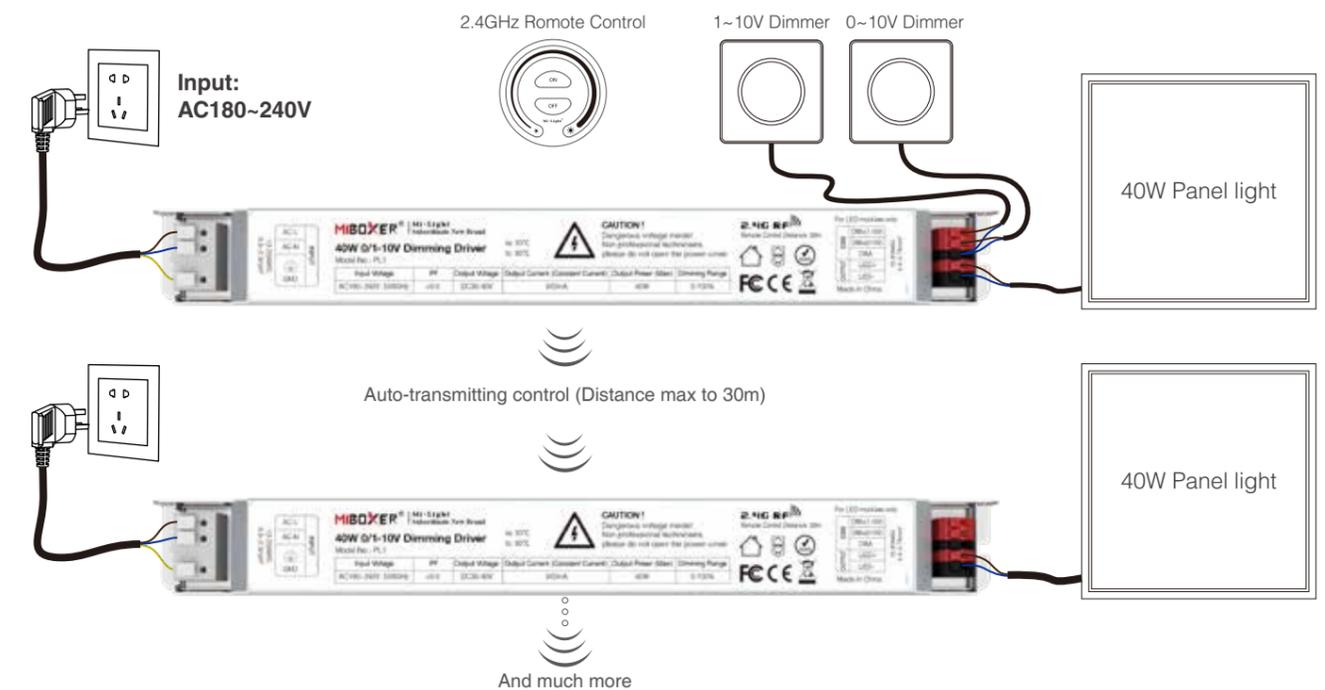


### Auto-Transmitting Function

Signal auto-transmitting between controllers, each controller can auto transfer the signal. (transmitting distance max to 30m)

**The 0/1-10v dimmer linked to one controller can control numerous wireless controller**

1. Please use one remote to link all controllers to same the zone (Note:make sure that it's the first-time linking to all controllers)
2. If it's not the first-time link, please reset it. (Method: unlinking all controllers with remote)





### Model No.: LS4 0/1~10V Dimming Driver

Input Voltage	Output Current	Input Signal	Dimming Range	Working Temp.	Remote Control Distance	Compatible Remote
DC 12~24V	12A	0/1~10V / 10V PWM / Push Dimming	0~100%	-20~60°C	30m	FUT006 / FUT007 / FUT087 / FUT091 B1 / B2 / T1 / T2

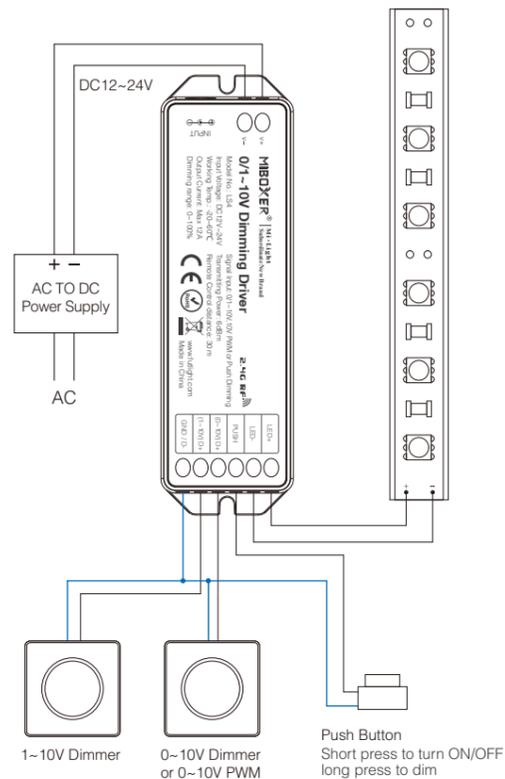
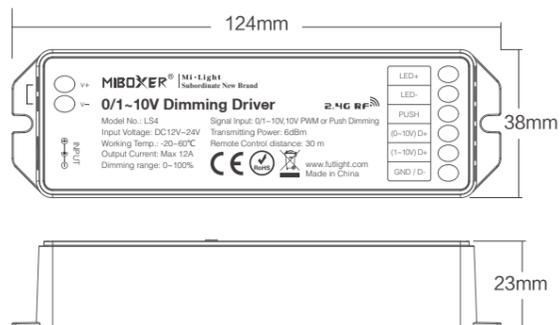
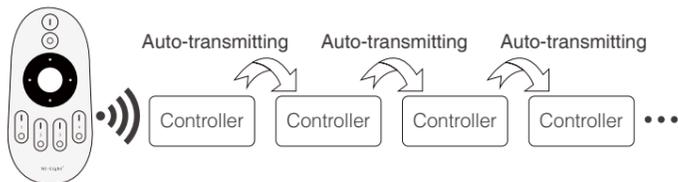
### Features

0~10V / 1~10V/ 10V PWM / Push dimming controllable, 2.4GHz remote controllable (0~100%) adjust the brightness smoothly

- Dimmable (0~100%)
- Adjust the brightness through 0~10V / 1~10V Dimmer
- Adjust the brightness through Push Button
- Auto-transmitting function
- Smart phone APP control (2.4GHz gateway is needed)
- 2.4GHz RF remote control control distance 30m
- Support third party voice control (2.4GHz gateway is needed)

### Automatic Commands Transmitting Function

One controller can transmit the signals from the remote control to another controller within 30m, as long as there is a controller within 30m, the remote control distance can be limitless.



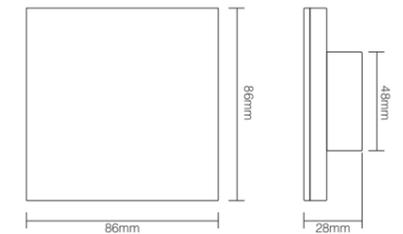
# 0~10V Panel Dimmer Series

0~10V signal to adjust the light brightness (0~100%)

### Features

Exquisite fashionable stalinite panel; Adopt high precision touching IC with more sensitive and stable touching. Touch the slider to output 0~10V signal, and working with 0/1~10V dimming driver; 256 grade brightness dimming. Widely work on the controlling of hotel lighting and home lighting.

Model No.	Input Voltage	Output Voltage	Output Current	Working Temperature	Size
L1 / L4	AC100~240V 50/60Hz	0~10V	Max.20mA/Channel	-20~60°C	86*86*28mm



### Model No.: L1 1-Channel 0~10V Panel Dimmer

- 256 grade brightness dimming
- high precision touching IC with more sensitive and stable touching
- 60 seconds and 10 minutes delay OFF function
- LED night indicating lamp

### Model No.: L4 4-Channel 0~10V Panel Dimmer

- 256 grade brightness dimming
- high precision touching IC with more sensitive and stable touching
- 4-channel independent control satisfy your more requirements
- LED night indicating lamp

# Panel Light Series

Adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. Widely used on the controlling of hotel lighting and home lighting.

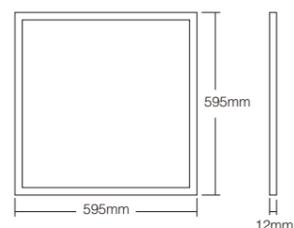
## Features

40W RGB+CCT panel light is made of aluminum alloy+LGP+diffuser plate. It's with full-sealed design with anti-moisture and anti-mosquito. Beam angle is 160 degree; The light is smooth without flickering, flare and dark space. Connecting with "40W RGB+CCT panel light driver (PL5)", you can 2.4G RF remote controller, 16million color changing, color temperature, brightness and saturation. Widely used on hotel, restaurant, exhibition center and office, etc.

-  RGB colors to choose
-  Dimmable saturation control
-  Color temperature 2700~6500K
-  Beam angle 160°

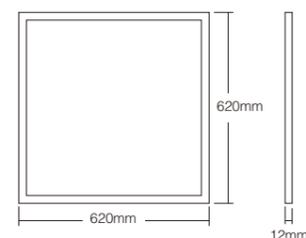
### Model No.: FUTL01 RGB+CCT Panel Light

Power: 40W  
Working Temp.: -20~60°C  
Luminous Flux: 2800LM  
Light Efficiency: 70LM/W  
Color Temp.: 2700~6500K  
CRI: >80  
UGR: <19  
Lifespan: 50000h  
Beam Angle: 160°  
Product Weight: 2.78kg



### Model No.: FUTL02 RGB+CCT Panel Light (625\*625)

Power: 40W  
Working Temp.: -20~60°C  
Luminous Flux: 2800LM  
Light Efficiency: 70LM/W  
Color Temp.: 2700~6500K  
CRI: >80  
UGR: <19  
Lifespan: 50000h  
Beam Angle: 160°  
Product Weight: 3.1kg



## Features

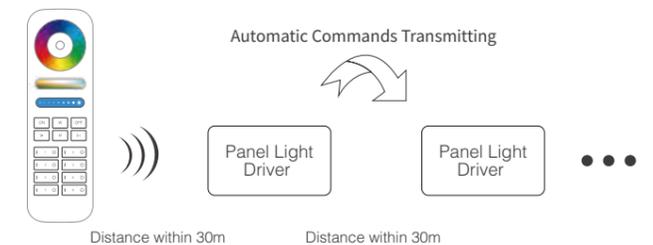
The shell is made of galvanized material, with beautiful appearance. Support 2.4G RF remote control. Also support smart phone APP control and 4G long distance control (2.4GHz gateway is needed).

Panel light driver has signal auto-transmitting function, adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. One compatible remote support control any qty the drivers at the same time. Widely used on the controlling of hotel lighting and home lighting.

-  RGB colors to choose
-  Color temperature 2700~6500K
-  Dimmable saturation control
-  2.4GHz RF Remote control Control distance 30m
-  Smart phone APP control (2.4GHz gateway is needed)
-  Support third party voice control (2.4GHz gateway is needed)

### Automatic commands transmitting function

One driver can send the commands from the remote control to another, which makes the control distance limitless. ( The distance from one driver to another has to be within 30m)



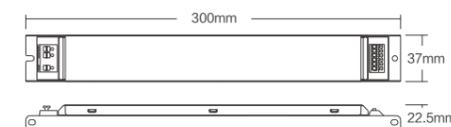
### Auto-synchronization function

Different driver can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and with same speed.



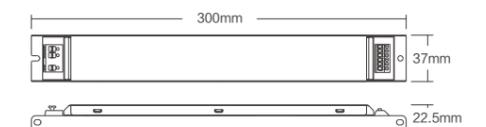
### Model No.: PL2 Color Temperature Panel Light Driver

Input Voltage: AC180~240V  
PF: >0.9  
Output Voltage: DC30~40V  
Output Current: (Constant current)1A  
Output Power: Max 40W  
Controllable Channel: 2 Channels  
RF: 2.4GHz  
Transmitting Power: 6dBm  
Remote Control Distance: 30m  
ta: 50°C tc: 85°C  
Size: 300\*37\*22.5mm  
Weight: 240g  
Compatible Remote: FUT006 / FUT007 / FUT091 B2 / T2



### Model No.: PL5 RGB+CCT Panel Light Driver

Input Voltage: AC180~240V  
PF: >0.9  
Output Voltage: DC30~40V  
Output Current: (Constant current)1A  
Output Power: Max 40W  
Controllable Channel: 5 Channels  
RF: 2.4GHz  
Transmitting Power: 6dBm  
Remote Control Distance: 30m  
ta: 50°C tc: 85°C  
Size: 300\*37\*22.5mm  
Weight: 256g  
Compatible Remote: FUT089 / FUT092 / FUT088 B0 / B4 / B8 / T4



# Panel Light Series

Adopt the widely used 2.4GHz wireless technology with the features of low power consumption, long signal transmitting and strong anti-interference, etc. Widely used on the controlling of hotel lighting and home lighting.

## Features

20W RGB+CCT panel light is made of aluminum alloy+LGP+diffuser plate. It's with full-sealed design with anti-moisture and anti-mosquito. Beam angle is 160degree; The light is smooth without flickering, flare and dark space. Widely used on hotel,restaurant,exhibition center and office,etc.

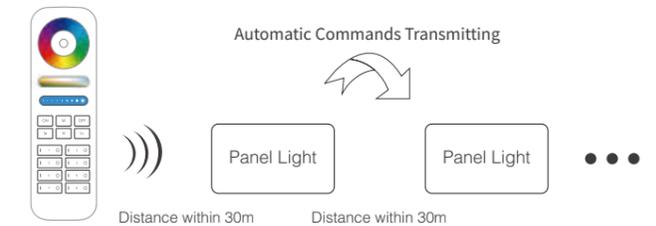
-  RGB colors to choose
-  Color temperature 2700~6500K
-  Dimmable saturation control
-  2.4GHz RF remote control control distance 30m
-  Smart phone APP control (2.4GHz gateway is needed)
-  Support third party voice control (2.4GHz gateway is needed)

### Automatic commands transmitting function

One panel light can send the commands from the remote control to another, which makes the control distance limitless. ( The distance from one panel light to another has to be within 30m)

### Auto-synchronization function

Different panel light can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and with same speed.



Model No.: FUTL03

## 20W RGB+CCT Panel Light

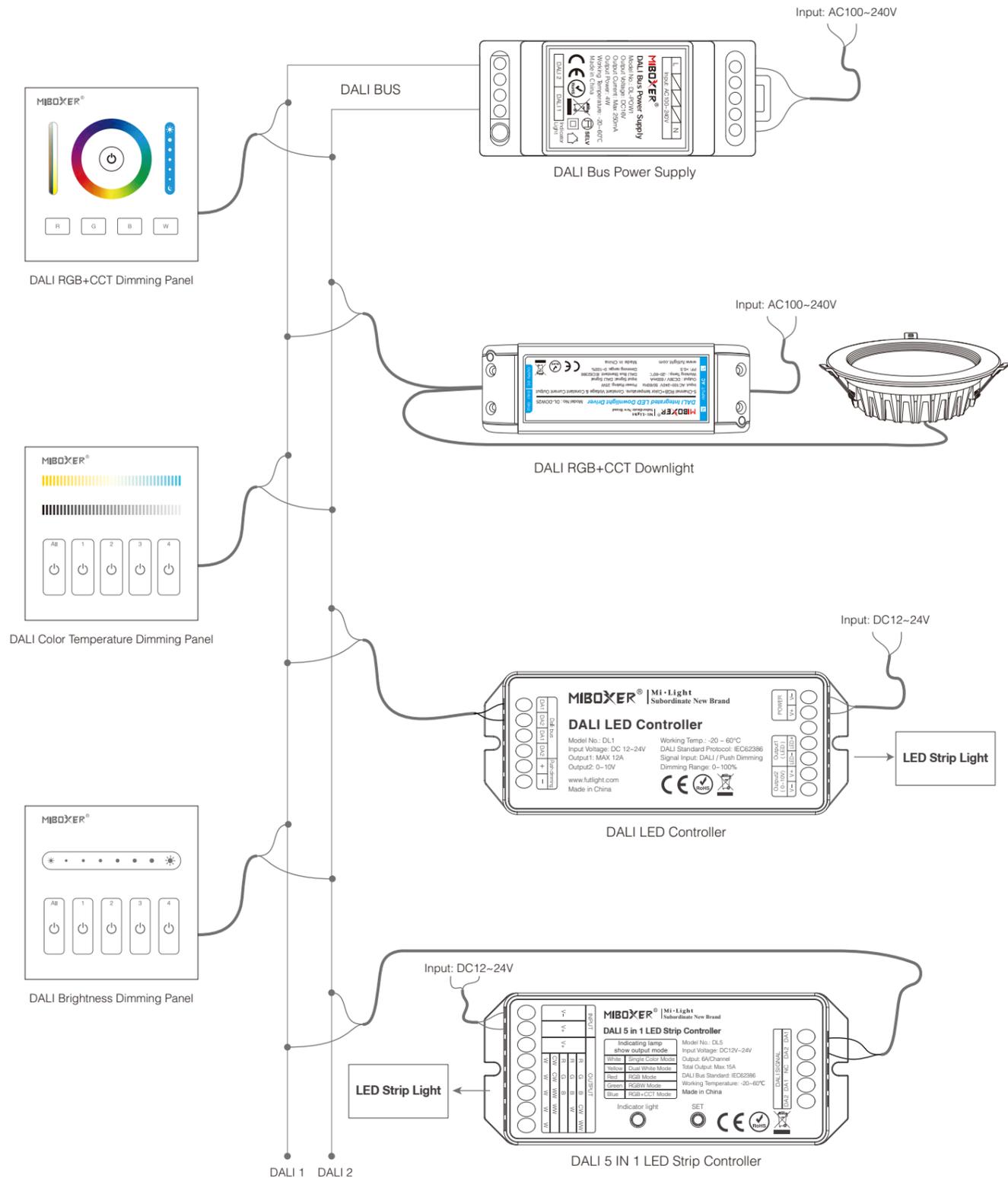
## Parameters

- Input: AC100~240V 50/60Hz
- Power Rating: 20W
- Working Temp.: -20~60°C
- Color Temp.: 2700~6500K
- Luminous Flux: 1400LM
- Light Efficiency: 70LM/W
- CRI: >80
- UGR: <19
- Beam Angle: 160°
- RF: 2.4GHz
- Remote Control Distance: 30m
- Product Weight: 840g
- Compatible Remote: FUT089
- FUT092 / FUT088 / B0 / B4 / B8 / T4



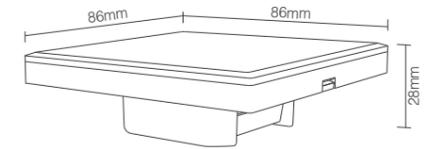
# DALI Series

Use DALI standard protocol IEC62386



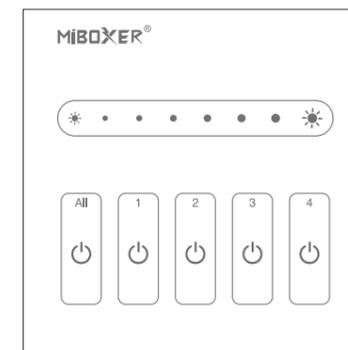
## Features

This panel remote controller is designed by a delicate and fashionable tempered glass panel; And we adopt a high precision capacitive touch screen IC. Touch screen is very stable. Use DALI standard protocol IEC62386. Support single address mode, group address mode and broadcast mode.



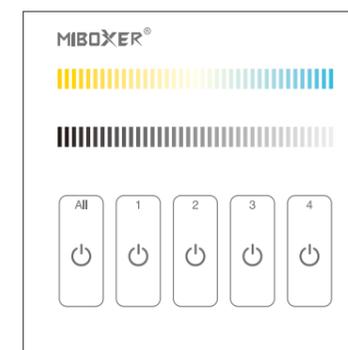
## Parameters

Model No.	Power Supply	DALI Bus Standard	Standby Current	Working Temp.	Product Weight	Size
DP1 / DP2 / DP3	DALI Power	IEC62386	5mA	-20~60°C	138g	86*86*28mm



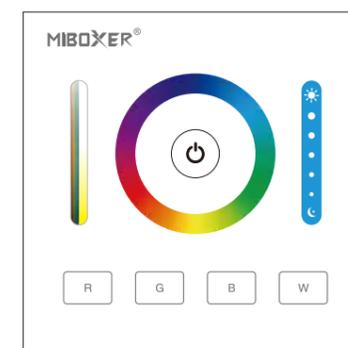
### Model No.: DP1 DALI Brightness Dimming Panel

- Brightness dimming.
- Use DALI standard protocol IEC62386.
- Via dip switch, you can set 64 single address(0~63), 16 group address (0~15) and broadcast mode.
- Adopt a high precision capacitive touch screen IC, touch screen is very stable.



### Model No.: DP2 DALI Color Temperature Dimming Panel

- Dimmable and color temperature adjustable.
- Use DALI standard protocol IEC62386.
- Via dip switch, you can set 64 single address(0~63), 16 group address (0~15).
- Adopt a high precision capacitive touch screen IC, touch screen is very stable.



### Model No.: DP3 DALI RGB+CCT Dimming Panel

- Dimmable and color temperature adjustable, color changing & saturation control.
- Use DALI standard protocol IEC62386.
- Via dip switch, you can set 64 single address(0~63), 16 group address (0~15).
- Adopt a high precision capacitive touch screen IC, touch screen is very stable.



# DALI Series

Use DALI standard protocol IEC62386



## Model No.: DL-POW1 DALI Bus Power Supply (DIN Rail)

### Features

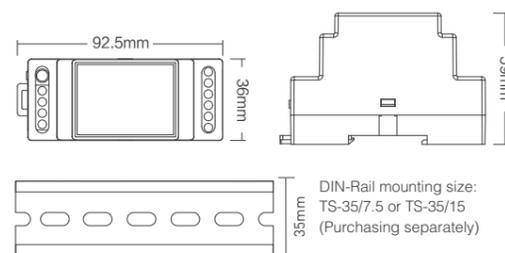
DL-POW1 is a newly developed DALI BUS power supply, up to class 2 power supply standard and SELV safety extra-low voltage standard; It's with short-circuit protection and low-voltage protection; The case is with anti-fire material.

### Parameters

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  
 Setup Time: 115Vac<2500ms, 230Vac<1500ms (at full load)  
 Output Voltage: DC16V  
 Output Current: 250mA Max  
 Max. Rated Power: 4W  
 Ripple & Noise: 0.2Vp-p (at full load)  
 Working Temp.: -20 ~ 60°C  
 Working Humidity: 20 ~ 95%RH, non-condensing  
 Weight: 70g

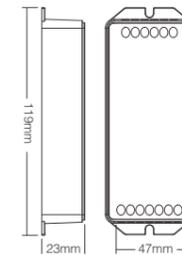
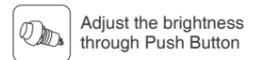
### Safety & EMC

Isolation Resistance: I/P-O/P: 100MΩ/500VDC/25°C/70%RH



## Model No.: DL1 DALI 1-Channel LED Controller

Adopt DALI standard IEC62386 protocol, compatible with all kinds of DALI devices to fulfill one bus-mastering, and to fulfill the combination of LED lighting and traditional lighting into a whole lighting system. One channel constant voltage output, max output 12A. Support DALI signal transmitting to 0~10V signal, support Push dimming. Dimming softly, strong compatibility.

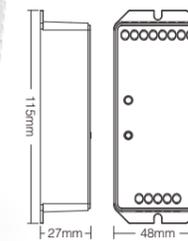


Input Voltage	Output Current	Working Temp.	Signal Input	DALI Bus Standard	Dimming Range
DC 12~24V	Max 12A	-20 ~ 60°C	DALI Signal / Push dimming	IEC62386	0~100%



## Model No.: DL5 DALI 5 in 1 LED Strip Controller

Adopt DALI standard IEC62386 protocol. PWM dimming output with soft brightness dimming and fully compatibility. This controller can be compatible with single color, CCT, RGB, RGBW and RGB+CCT output mode. Connecting with up-and-down terminal to easily compatible with many kinds of lamps; widely used on hotel lighting and home lighting, etc.



Input Voltage	Output Current	Working Temp.	Signal Input	DALI Bus Standard	Connection
DC 12~24V	6A/Channel Total Output Max 15A	-20 ~ 60°C	DALI Signal	IEC62386	Common anode



## DL-DOW25 DALI 25W RGB+CCT LED Downlight

Adopt DALI standard IEC62386 protocol. PWM dimming output, 16 Millions of colors to choose, color temperature, brightness & saturation controllable. widely used on hotel lighting and home lighting, etc.

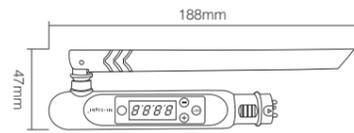


Input Voltage	Power	Working Temp.	Signal Input	DALI Bus Standard	Color Temp.	Luminous Flux	CRI	PF	Beam angle	Hole Size
AC100~240V 50/60Hz	25W	-20 ~ 60°C	DALI Signal	IEC62386	2700~6500K	2000LM	>80	>0.5	120°	ø200-210mm

# DMX512 Series

## Wireless Control

By adopting the 2.4G global ISM frequency, the data is more reliable and has no delay during the transmitting



Model No.: FUTD01

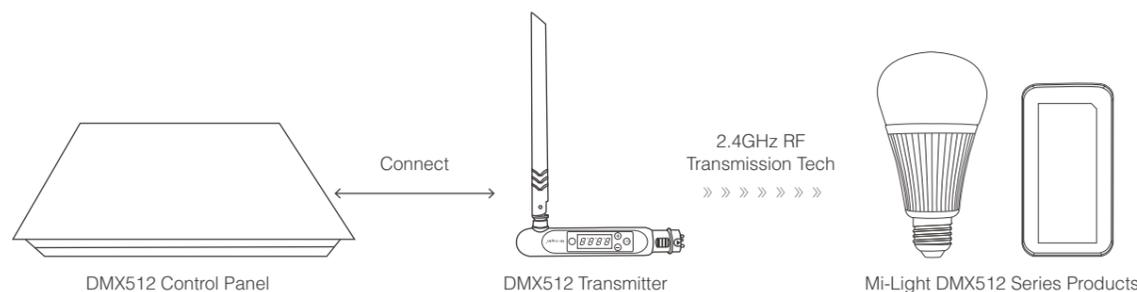
## DMX 512 LED Transmitter

DMX512 LED transmitter can send standard DMX512 protocol data by wireless.

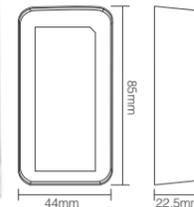
It is used to transmit the wireless data between DMX512 control panel and our DMX512 light bulb or led strip light controller series.

By adopting the 2.4G global ISM frequency, the data is more reliable and has no delay during the transmitting.

Model No.	Power	Input	Frequency	Transmitting Method	Distance	Size
FUTD01	6dBm	DC5V / 500mA	2400-2483.5MHz	GFSK	30m	188*47*23mm



FUTD02



## DMX512 RGB+CCT Strip Controller

- 16 million colors to choose, brightness dimming, color temperature and saturation.
- DMX512 LED transmitter & 2.4GHz RF remote controllable (Control distance within 30 meters)
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)

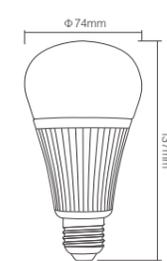


Compatible Remote: FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4

Model No.	Input	Output	Control Distance	Size
FUTD02	DC12V~24V	Max. 6A/Channel Total output Max. 10A	30m	85*45*22.5mm



FUTD04



## DMX512 RGB+CCT LED Light Bulb

- 16 million colors to choose, brightness dimming, color temperature and saturation.
- DMX512 LED transmitter & 2.4GHz RF remote controllable (Control distance within 30 meters)
- Smart phone APP control, long distance control (2.4GHz gateway is needed)
- Support third party voice control (2.4GHz gateway is needed)



Compatible Remote: FUT088 / FUT089 / FUT092 / FUT095 / FUT096 B0 / B3 / B4 / B8 / T3 / T4

Model No.	Voltage	Color Temp.	Luminous Flux	Light Efficiency	CRI	PF	Beam angle	Base Type
FUTD04	AC100~240V 50/60Hz	2700~6500K	850LM	95LM/W	>80	>0.5	220°	E26 / E27 / B22

# COMPATIBLE REMOTE SHEET

Product	Compatible Remote
	