



# PRODUCT CATALOGUE 2022-2023

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



FUTLIGHT IS LEADER OF SMART LED LIGHTING MANUFACTURER, WE WILL KEEP DOING INNOVATION AND DEVELOP CREATIVE ITEM, STAY TOGETHER WITH ALL DEALERS, IMPROVE BUSINESS IN GLOBAL MARKET.



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WE PROVIDE A VARIETY OF TYPES OF LAMPS, REMOTE CONTROLS AND CONTROLLERS TO CHOOSE FROM, WHICH CAN BE USED IN HOME, HOTEL, ROAD LIGHTING ENGINEERING, UNDERWATER DECORATION AND OTHER FIELDS.



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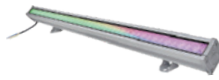
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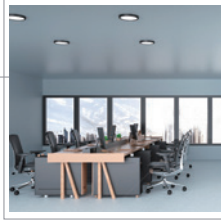
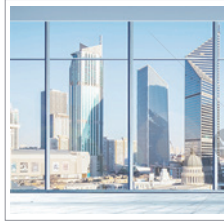


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## 2009

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



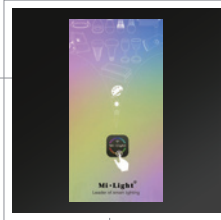
## 2012

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



## 2013

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



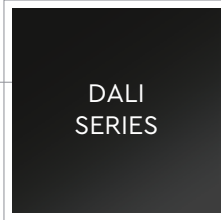
## 2014

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



## 2016

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



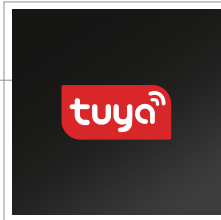
## 2017

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



## 2018

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



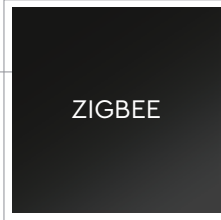
## 2019

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



## 2020

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



## 2021

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



We are proud of our smart ideas and concepts of making LED lights more intelligent and convenient. All products can be operated by wireless remote and smart phone App. Our well trained production line and QC system can ensure all products with high quality.



Our items have good reputation in full Europe, North America, South America, Australia and Asia. Products has been approved by CE, UKCA, ROHS. We win trust from all our dealers since we have top quality and good after sale service.



#### OUR MISSION

Innovative technology, create simple and smart, safety and reliable, environmental and economic lighting system.



#### OUR VISION

Leader of smart led lighting



#### CORE VALUE

Thankful, top quality, innovation, win-win

Following are the new series that we plan to develop more in the coming year.

## 2.4G RF

Wide application in wireless control area, cheapest solution for smart led lighting, Miboxer 70% product adopt this technology.

## Zigbee

ZigBee 3.0 is most notable for bringing together all of the various ZigBee environments into a single unified standard. Popular communication protocol in Euro, more intelligent than Wifi technology. Standard zigbee 3.0 protocol, all zigbee 3.0 item will be compatible with others, powerful IOT.

## DMX512

DMX512 is a standard for digital communication networks that are commonly used to control lighting and effects. It was originally intended as a standardized method for controlling stage lighting dimmers, which, prior to DMX512, had employed various incompatible proprietary protocols. It quickly became the primary method for linking controllers (such as a lighting console) to dimmers and special effects devices such as fog machines and intelligent lights.

## LoRa

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

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







## Zigbee 3.0 SERIES

Zigbee 3.0 protocol was created and ratified by member companies of the Zigbee Alliance. Over 300 leading semiconductor manufacturers, technology firms, OEMs and service companies comprise the Zigbee Alliance membership. The Zigbee protocol was designed to provide an easy-to-use wireless data solution characterized by secure, reliable wireless network architectures. Zigbee 3.0 protocol is designed to communicate data through noisy RF environments that are common in commercial and industrial applications. Version 3.0 builds on the existing Zigbee standard but unifies the market-specific application profiles to allow all devices to be wirelessly connected in the same network, irrespective of their market designation and function.

## Features

- Support for multiple network topologies such as point-to-point, point-to-multipoint and mesh networks.
- Low duty cycle – provides long battery life.
- Low latency.
- Direct Sequence Spread Spectrum (DSSS) Up to 65,000 nodes per network.
- 128-bit AES encryption for secure data connections.
- Collision avoidance, retries and acknowledgements.

## Application

Architectural Lighting, Hotel, Bars, Commercial & Residential Lighting and Exhibition Stands.



## Zigbee 3.0 Gateway

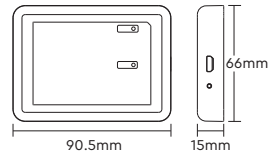
The product follows the standard protocol of Zigbee 3.0.

Through the Tuya Smart app, user can add Zigbee device, group control, remote control, and third-party voice control to meet smart home and other applications.

- Do not disturb mode
- Support zigbee 3.0 product series
- Support smartphone app control
- Sleep/wakeup plan
- Device sharing
- Timing setting
- Support music rhythm
- group control
- Biorhythm
- Support long-range control
- Support third party voice control
- Scene customization
- Tap-to-Run & automation

## Zigbee 3.0 Wireless Gateway

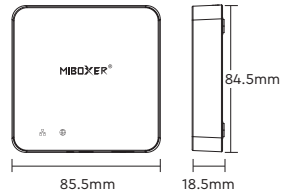
Integrate WiFi and Zigbee communication methods.



Model	Input Voltage	Wireless Technology	Transmitting Power	Working Temp.	Connected Device	Zigbee Control Distance
ZB-Box1	DC5V/1A (Micro USB)	WiFi 802.11 b/g/n (Zigbee 802.15.4)	WiFi 20dBm ZigBee 10dBm	-10~40°C	Max 50	100m (open area)

## Zigbee 3.0 Wired Gateway

Zigbee device connect with network based on this gateway and communicate with other device. Zigbee gateway connect with router via network cable to achieve communication between cloud and smartphone app.



Model	Input Voltage	Wireless Technology	Transmitting Power	Working Temp.	Connected Device	Zigbee Control Distance
ZB-Box2	DC5V/1A (Micro USB)	Zigbee 802.15.4	ZigBee 10dBm	-10~40°C	Max 128	100m (open area)

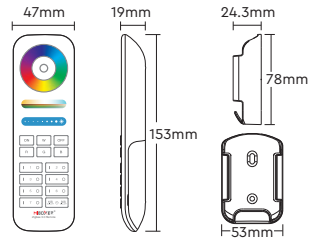


## Zigbee 3.0 Remote

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



- 16 Millions of colors to choose
- Color temperature adjustable
- Dim brightness / Saturation
- Group Number 7 Zones
- Compatible with all zigbee 3.0 lights
- Remote to control lights (Zigbee 3.0 gateway is needed)



Model	Working Voltage	Standby Power Consumption	Transmitting Power	Working Temp.	Controllable Lights	Control Distance
FUT089Z	3V(AAA * 2PCS)	20μA	10dBm	-10~40°C	Max 25 Pcs	100m (open area)



## Zigbee 3.0 LED Light Bulb/Spotlight



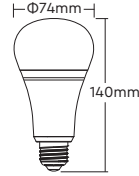
Bulbs always used in smart home decoration, zigbee bulbs support network and communicate with other zigbee device, smart and automatic home for your life.

- 16 Millions of colors to choose
- Color temp., Dim brightness
- Saturation adjustable.
- Zigbee 3.0 remote control (Zigbee 3.0 gateway is needed)



### 12W RGB+CCT LED Bulb (Zigbee 3.0)

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
PF: >0.5  
CRI: >80  
Lifespan: 50000h  
Base Type: E26 / E27 / B22



**12W**  
**1100LM**

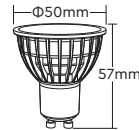


Model	Input Voltage	Power	Luminous Efficiency	Beam Angle	Control Distance
FUT105Z	100-240V~ 50/60Hz	12W	90LM/W	220°	100m(open area)



### 4W GU10 RGB+CCT LED Spotlight (Zigbee 3.0)

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
PF: >0.55  
CRI: >80  
Lifespan: 50000h  
Base Type: GU10



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

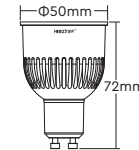


Model	Input Voltage	Power	Luminous Efficiency	Beam Angle	Control Distance
FUT103Z	100-240V~ 50/60Hz	4W	80LM/W	25°	100m(open area)



### 6W GU10 RGB+CCT LED Spotlight (Zigbee 3.0)

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
PF: >0.55  
CRI: >80  
Lifespan: 50000h  
Base Type: GU10



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



Model	Input Voltage	Power	Luminous Efficiency	Beam Angle	Control Distance
FUT106Z	100-240V~ 50/60Hz	6W	90LM/W	30°	100m(open area)



## Zigbee 3.0 LED Downlight

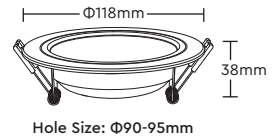
Downlight usually used in commercial office, shopping mall, restaurant. Zigbee protocol make everything to be simply connection. Create and decorate best luminous in anywhere.

- 16 Millions of colors to choose
- Color temp., Dim brightness
- Saturation adjustable.
- Zigbee 3.0 remote control (Zigbee 3.0 gateway is needed)



### 6W RGB+CCT LED Downlight (Zigbee 3.0)

**Color Temp.:** 2700K~6500K  
**Working Temp.:** -10~40°C  
**PF:** >0.5  
**CRI:** >80  
**Lifespan:** 50000h  
**Material:** Aluminum+PC Cover

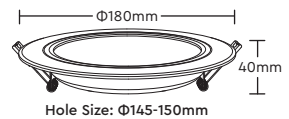


Model	Input Voltage	Power	Luminous Efficiency	Beam Angle	Control Distance
FUT068Z	100-240V~ 50/60Hz	6W	100LM/W	120°	100m(open area)



### 12W RGB+CCT LED Downlight (Zigbee 3.0)

**Color Temp.:** 2700K~6500K  
**Working Temp.:** -10~40°C  
**PF:** >0.5  
**CRI:** >80  
**Lifespan:** 50000h  
**Material:** Aluminum+PC Cover



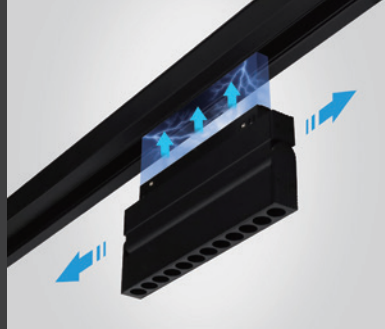
Model	Input Voltage	Power	Luminous Efficiency	Beam Angle	Control Distance
FUT066Z	100-240V~ 50/60Hz	12W	90LM/W	120°	100m(open area)

## Zigbee 3.0

### Magnetic Grille Light / Magnetic Floodlight

Newest arrival, support din rail installation, moveable and foldable. Flexible for various lighting application

- Color temperature adjustable
- Dim brightness
- Zigbee 3.0 remote control (Zigbee 3.0 gateway is needed)

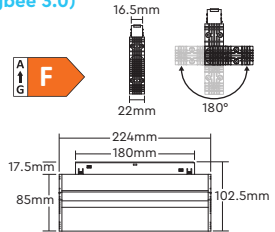


**NEW**



### Foldable Magnetic Grille Light (Zigbee 3.0)

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
CRI: >80  
Lifespan: 50000h



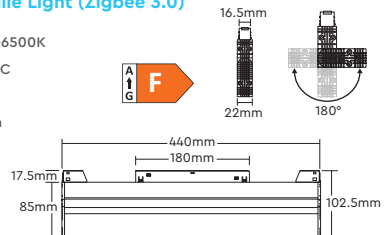
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MG5-06F-ZL	RGB+CCT	48V	6W	65LM/W	440LM	24°	50m (open area)
MG2-10F-ZL	Dual White		10W	80LM/W	800LM		

**NEW**



### Foldable Magnetic Grille Light (Zigbee 3.0)

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
CRI: >80  
Lifespan: 50000h



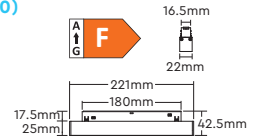
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MG5-12F-ZL	RGB+CCT	48V	12W	75LM/W	900LM	24°	50m (open area)
MG2-20F-ZL	Dual White		20W	75LM/W	1530LM		

**NEW**



**Magnetic Grille Light (Zigbee 3.0)**

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
CRI: >80  
Lifespan: 50000h



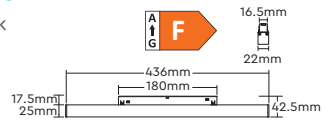
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MG5-06N-ZL	RGB+CCT	48V $\overline{\text{---}}$	6W	65LM/W	440LM	24°	50m (open area)
MG2-10N-ZL	Dual White		10W	80LM/W	800LM		

**NEW**



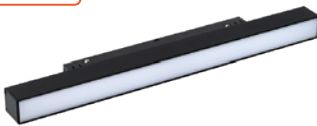
**Magnetic Grille Light (Zigbee 3.0)**

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
CRI: >80  
Lifespan: 50000h



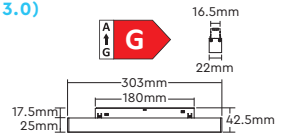
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MG5-12N-ZL	RGB+CCT	48V $\overline{\text{---}}$	12W	75LM/W	900LM	24°	50m (open area)
MG2-20N-ZL	Dual White		20W	75LM/W	1530LM		

**NEW**



**Magnetic Floodlight (Zigbee 3.0)**

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
CRI: >80  
Lifespan: 50000h



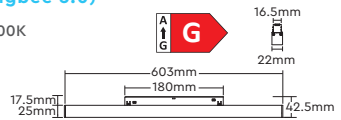
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MF5-12A-ZL	RGB+CCT	48V $\overline{\text{---}}$	12W	63LM/W	700LM	120°	50m (open area)
MF2-12A-ZL	Dual White		12W	66LM/W	735LM		

**NEW**



**Magnetic Floodlight (Zigbee 3.0)**

Color Temp.: 2700K~6500K  
Working Temp.: -10~40°C  
CRI: >80  
Lifespan: 50000h



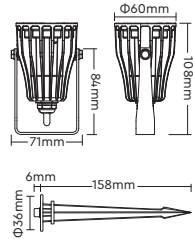
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MF5-24A-ZL	RGB+CCT	48V $\overline{\text{---}}$	24W	60LM/W	1350LM	120°	50m (open area)
MF2-24A-ZL	Dual White		24W	63LM/W	1380LM		

**NEW**



**6W RGB+CCT LED Garden Light (Zigbee 3.0)**

Model: FUTC04Z  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 90LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Control Distance: 100m(open area)  
 Illumination Distance: >10m  
 Lifespan: 50000h

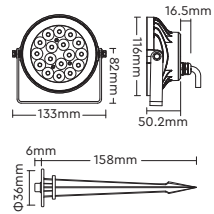


**NEW**



**9W RGB+CCT LED Garden Light (Zigbee 3.0)**

Model: FUTC02Z  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Control Distance: 100m(open area)  
 Illumination Distance: >10m  
 Lifespan: 50000h

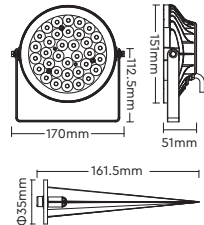


**NEW**



**15W RGB+CCT LED Garden Light (Zigbee 3.0)**

Model: FUTC03Z  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Control Distance: 100m(open area)  
 Illumination Distance: >10m  
 Lifespan: 50000h

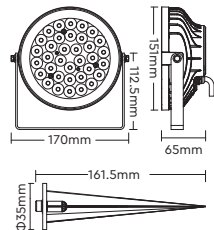


**NEW**



**25W RGB+CCT LED Garden Light (Zigbee 3.0)**

Model: FUTC05Z  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 88LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Control Distance: 100m(open area)  
 Illumination Distance: >15m  
 Lifespan: 50000h



## Zigbee 3.0 LED Floodlight

Floodlight often be used for architectural lighting, in garden area. Zigbee protocol support long distance and more intelligent.

- 16 Millions of colors to choose
- Color temp., Dim brightness
- Saturation adjustable.
- Zigbee 3.0 remote control (Zigbee 3.0 gateway is needed)

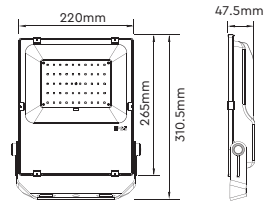


**NEW**

### 50W RGB+CCT LED Floodlight (Zigbee 3.0)



Model: FUTT02Z  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 96LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control Distance: 100m (open area)  
 Illumination Distance: >25m  
 Lifespan: 50000h



**50W**  
4800LM

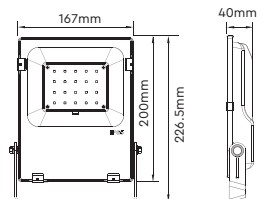


**NEW**

### 30W RGB+CCT LED Floodlight (Zigbee 3.0)



Model: FUTT03Z  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 110LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control Distance: 100m (open area)  
 Illumination Distance: >18m  
 Lifespan: 50000h



**30W**  
3300LM





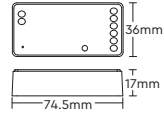
## LED CONTROLLER SERIES



2.4G RF technology, low power consumption, built-in WiFi chip, support app control or third party voice control directly (no need 2.4GHz Gateway), 100% compatible with Tuya Smart app.



FUT035W	WiFi+2.4G Dual White
FUT036W	WiFi+2.4G Single Color
FUT037W	WiFi+2.4G RGB
FUT038W	WiFi+2.4G RGBW
FUT039W	WiFi+2.4G RGB+CCT



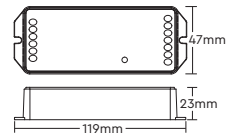
Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035W ~ FUT039W	DC12V~24V	Max 12A	-10~40°C	WiFi+2.4G	30m



Max 20A current output with high power, 2.4G RF technology, low power consumption, more powerful for special application, App control and third party voice control need 2.4GHz Gateway (Model: WL-Box1)



FUT035P	2.4G Dual White
FUT036P	2.4G Single Color
FUT037P	2.4G RGB
FUT038P	2.4G RGBW
FUT039P	2.4G RGB+CCT



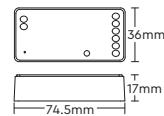
Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035P ~ FUT039P	DC12V~48V	Max 20A	-10~40°C	2.4G	30m



ZigBee 3.0 is most notable for bringing together all of the various Zigbee environments into a single unified standard.



FUT035Z	Zigbee 3.0 Dual White
FUT036Z	Zigbee 3.0 Single Color
FUT037Z	Zigbee 3.0 RGB
FUT038Z	Zigbee 3.0 RGBW
FUT039Z	Zigbee 3.0 RGB+CCT



Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035Z ~ FUT039Z	DC12V~24V	Max 12A	-10~40°C	Zigbee 3.0	100m(open area)

**Note:**

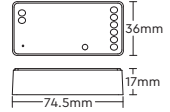
1. Colourful RGB type support 18 dynamic mode, dim saturation and 16 millions colors, dynamic mode auto transmitting and synchronized
2. RGB+CCT type support DMX512 control, need to pair with FUTD01 (Except for Zigbee 3.0 controllers)



Ultra-thin and stylish main body, cheapest and economic type, wide application and top selling series, 2.4G RF technology, App control and third party voice control need 2.4GHz Gateway (Model: WL-Box1)



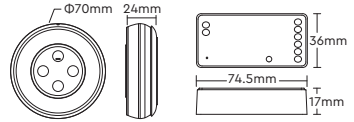
FUT035S	2.4G Dual White
FUT036S	2.4G Single Color
FUT037S	2.4G RGB
FUT038S	2.4G RGBW
FUT039S	2.4G RGB+CCT



Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035S ~ FUT039S	DC12V~24V	Max 12A	-10~40°C	2.4G	30m



2.4G Controller kits: (S type controller + Sunrise or Rainbow remote) save money, cheaper than you purchase controller and remote separately.



FUT035SA	FUT035S	Sunrise Remote (S1-W)
FUT036SA	FUT036S	

FUT037SA	FUT037S	Rainbow Remote (S2-W)
FUT038SA	FUT038S	
FUT039SA	FUT039S	

Product	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
Controller	DC12V~24V	Max 12A	-10~40°C	2.4G	30m

Product	Working Voltage	Standby Power Consumption	RF	Control Distance
Remote	3V(AAA * 2PCS)	15μA	2.4GHz	30m

**Note:**

1. Colourful RGB type support 18 dynamic mode, dim saturation and 16 millions colors, dynamic mode auto transmitting and synchronized
2. RGB+CCT type support DMX512 control (need to pair with FUTD01)

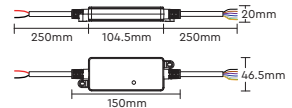




LED Controller has wide application in outdoor lighting, below controller series are "PLUS Version" for FUT035W-FUT039W. White and black appearance, simple and high-grade design. Built-in wifi chip, IP66 version. The cable length is 25cm with naked wire.



FUT035W-P	WiFi+2.4G Dual White
FUT036W-P	WiFi+2.4G Single Color
FUT037W-P	WiFi+2.4G RGB
FUT038W-P	WiFi+2.4G RGBW
FUT039W-P	WiFi+2.4G RGB+CCT



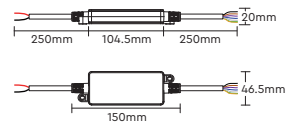
Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035W-P ~ FUT039W-P	DC12V~24V	Max 12A	-20~45°C	WiFi+2.4G	30m



LED Controller has wide application in outdoor lighting, below controller series are "PLUS Version" for FUT035S-FUT039S. White and black appearance, simple and high-grade design, IP66 version. The cable length is 25cm with naked wire.



FUT035S-P	2.4G Dual White
FUT036S-P	2.4G Single Color
FUT037S-P	2.4G RGB
FUT038S-P	2.4G RGBW
FUT039S-P	2.4G RGB+CCT



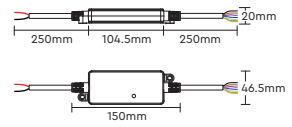
Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035S-P ~ FUT039S-P	DC12V~24V	Max 12A	-20~45°C	2.4G	30m



LED Controller has wide application in outdoor lighting, below controller series are "PLUS Version" for FUT035Z-FUT039Z. White and black appearance, simple and high-grade design. Built-in zigbee 3.0 chip, IP66 version. The cable length is 25cm with naked wire.



FUT035Z-P	Zigbee 3.0 Dual White
FUT036Z-P	Zigbee 3.0 Single Color
FUT037Z-P	Zigbee 3.0 RGB
FUT038Z-P	Zigbee 3.0 RGBW
FUT039Z-P	Zigbee 3.0 RGB+CCT

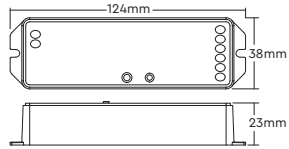


Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035Z-P ~ FUT039Z-P	DC12V~24V	Max 12A	-20~45°C	Zigbee 3.0	100m(open area)

**Note:**

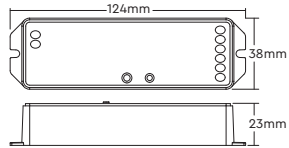
1. Colourful RGB type support 18 dynamic mode, dim saturation and 16 millions colors, dynamic mode auto transmitting and synchronized
2. RGB+CCT type support DMX512 control, need to pair with FUTD01 (Except for Zigbee 3.0 waterproof controllers)

5 in 1 controller: (one controller supports five different strip lights --Single color/Dual white/RGB/RGBW/RGB+CCT)  
Spend money one time to enjoy five different dimming function, user select output mode randomly based on the feature of strip light.



Model	Input Voltage	Output	Total Output	Working Temp.	Control Method	Remote Control Distance
LS2	DC12V~24V	6A/Channel	Max 15A	-20~60°C	2.4G	30m

Main function is same as above LS2 controller (5 in 1 type), the main difference is that current WL5 is built-in WiFi chip, support app or third voice control directly without connection with 2.4GHz Gateway (Model: WL-Box)

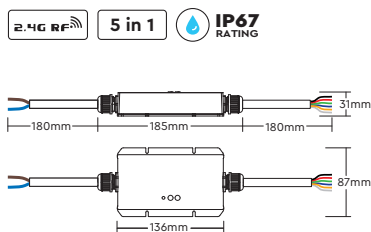


Model	Input Voltage	Output	Total Output	Working Temp.	Control Method	Remote Control Distance
WL5	DC12V~24V	6A/Channel	Max 15A	-20~60°C	WiFi+2.4G	30m

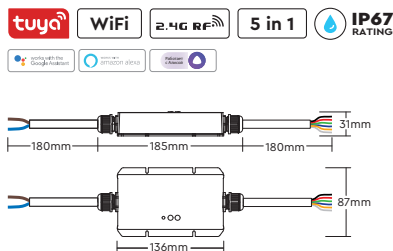
## Difference between LS2 & WL5

LS2 need WiFi bridge while using app, WL5 is built-in WiFi chip, support app control directly.

## For outdoor application, IP67 waterproof



Model	Input Voltage	Output	Total Output	Working Temp.	Control Method	Remote Control Distance
LS2-WP	DC12V~36V	6A/Channel	Max 20A	-20~45°C	2.4G	30m



Model	Input Voltage	Output	Total Output	Working Temp.	Control Method	Remote Control Distance
WL5-WP	DC12V~36V	6A/Channel	Max 20A	-20~45°C	WiFi+2.4G	30m

## Difference between LS2-WP & WL5-WP

LS2-WP need 2.4GHz Gateway, WL5-WP don't need it while using app.



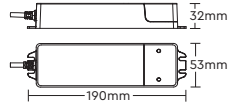
## DIMMING LED DRIVER

- Built-in 75W power supply
- More convenient for installation
- Plug in and play, no need to connect extra power supply



Many end users have doubt about power supply connection with Miboxer controller, these led driver will solve all problems, built-in 75w high efficiency power supply, plug in and play, simple and convenient control system.

WL1-P75V24	WiFi+2.4G Single Color
WL2-P75V24	WiFi+2.4G Dual White
WL3-P75V24	WiFi+2.4G RGB
WL4-P75V24	WiFi+2.4G RGBW
WL5-P75V24	WiFi+2.4G RGB+CCT

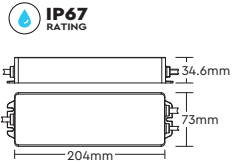


Model	Power	Input Voltage	Output Voltage	Output Current	Working Temp.	Control Method	Remote Control Distance
WL1-P75V24 WL5-P75V24	75W	100-240V~ 50/60Hz	24V $\overline{=}$	Max 3A	ta 40°C tc 85°C	WiFi+2.4G	30m



150W power supply will meet more demand for power, we designed them for outdoor application, it's IP67 and very convenient for outdoor lighting. The lighting power source is hard to do connection, once you have our controller, simple and fast solution.

WP1-P150V24	WiFi+2.4G Single Color
WP2-P150V24	WiFi+2.4G Dual White
WP3-P150V24	WiFi+2.4G RGB
WP4-P150V24	WiFi+2.4G RGBW
WP5-P150V24	WiFi+2.4G RGB+CCT



Model	Power	Input Voltage	Output Voltage	Output Current	Working Temp.	Control Method	Remote Control Distance
WP1-P150V24 WP5-P150V24	150W	100-240V~ 50/60Hz	24V $\overline{=}$	Max 6.25A	ta 40°C tc 85°C	WiFi+2.4G	30m

### Note:

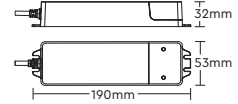
1. Both of them are built-in wifi chip, support app control directly.
2. Tuya smart is compatible with them, third voice party control (Alexa, Echo,google home)



Comparing with WL1-P75 series, CL1-P75 series don't have wifi chip, economic type, the rest functions are same.



CL1-P75V24	2.4G Single Color
CL2-P75V24	2.4G Dual White
CL3-P75V24	2.4G RGB
CL4-P75V24	2.4G RGBW
CL5-P75V24	2.4G RGB+CCT



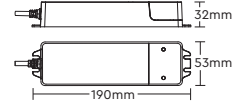
Model	Power	Input Voltage	Output Voltage	Output Current	Working Temp.	Control Method	Control Distance
CL1-P75V24 CL5-P75V24	75W	100-240V~ 50/60Hz	24V=	Max 3A	ta 40°C tc 85°C	2.4G	30m



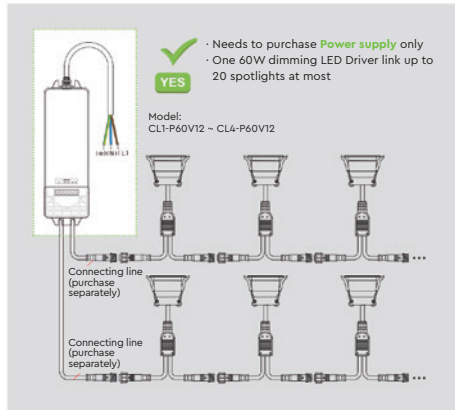
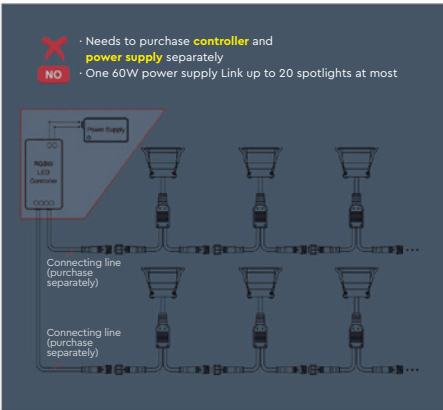
These controller are developed for Miboxer SL1-12 ~ SL4-12 spotlight series, special controller solve all problem while doing installation



CL1-P60V12	2.4G Single Color
CL2-P60V12	2.4G Dual White
CL3-P60V12	2.4G RGB
CL4-P60V12	2.4G RGBW
CL5-P60V12	2.4G RGB+CCT



Model	Power	Input Voltage	Output Voltage	Output Current	Working Temp.	Control Method	Control Distance
CL1-P60V12 CL5-P60V12	60W	100-240V~ 50/60Hz	12V=	Max 5A	ta 40°C tc 85°C	2.4G	30m

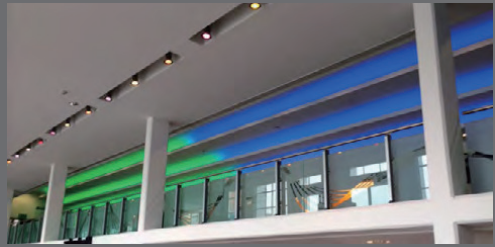


**Note:**

1. Colourful RGB type support 18 dynamic mode, dim saturation and 16 millions colors, dynamic mode auto transmitting and synchronized
2. RGB+CCT type support DMX512 control (need to pair with FUTD01)

## HIGH VOLTAGE DIMMING LED DRIVER

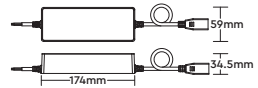
- Safety
- Reliable
- For outdoor project



### Single Color Dimming LED Driver (High Voltage)



- Working Temp.: -10~40°C
- Storage Temp.: -40~80°C
- Working Humidity: 20~95%RH, non-condensing
- Overload Protection: limited power



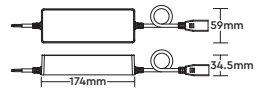
Model	Input Voltage	Output Voltage	Output Current	Rated Power	Efficiency	Control Method	Control Distance
HF1-P400V220	220-240V~ 50/60Hz	220V $\overline{\text{~}}$	Max 1.82A	Max 400W	94%	2.4G	30m



### Dual White Dimming LED Driver (High Voltage)



- Working Temp.: -10~40°C
- Storage Temp.: -40~80°C
- Working Humidity: 20~95%RH, non-condensing
- Overload Protection: limited power



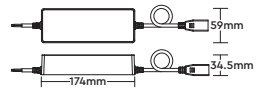
Model	Input Voltage	Output Voltage	Output Current	Rated Power	Efficiency	Control Method	Control Distance
HF2-P400V220	220-240V~ 50/60Hz	220V $\overline{\text{~}}$	Max 1.82A	Max 400W	94%	2.4G	30m



### RGB Dimming LED Driver (High Voltage)



- Working Temp.: -10~40°C
- Storage Temp.: -40~80°C
- Working Humidity: 20~95%RH, non-condensing
- Overload Protection: limited power



Model	Input Voltage	Output Voltage	Output Current	Rated Power	Efficiency	Control Method	Control Distance
HF3-P400V210	220-240V~ 50/60Hz	210V $\overline{\text{~}}$	Max 1.9A	Max 400W	94%	2.4G	30m

#### Note:

1. Be careful while doing connection with high voltage
2. There are many different high voltage led strip on the market, the cable wiring diagram are different, some strip won't be compatible with controller, Miboxer programmed current controller, all end user can use remote to select correct output mode (check instruction), more powerful and universal for all high voltage strip lights from different manufacturer.







## 2.4G REMOTE SERIES



Single  
Color



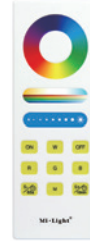
Touch Dimming Remote

Model	FUT087	FUT087-B
Color	White	Black

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Size(mm):** Ø80 \* 17

RGB+  
CCT



Full Touch RGB+CCT Remote

Model	FUT088
Color	White

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Size(mm):** 47 \* 16.5 \* 134

RGB+  
CCT



8-Zone RGB+CCT Remote

Model	FUT089	FUT089-B
Color	White	Black

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Group Number:** 8-Zone  
**Size(mm):** 47 \* 19 \* 153

RGB+  
CCT



4-Zone RGB+CCT Remote

Model	FUT092	FUT092-B
Color	White	Black

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 20µA

**RF:** 2.4GHz  
**Group Number:** 4-Zone  
**Size(mm):** 56 \* 20 \* 138

RGBW



4-Zone RGBW Remote

Model	FUT095
Color	White

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Group Number:** 4-Zone  
**Size(mm):** 52.5 \* 21 \* 120

RGBW



4-Zone RGBW Remote

Model	FUT096	FUT096-B
Color	White	Black

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Group Number:** 4-Zone  
**Size(mm):** 52.5 \* 21 \* 120

Dual White



4-Zone Dual White Remote (Rotating Wheel)

<b>Model</b>	FUT006
<b>Color</b>	White

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15μA  
**RF:** 2.4GHz  
**Group Number:** 4-Zone  
**Size(mm):** 53 \* 21 \* 110.5

Dual White



4-Zone Dual White Remote (Full Button)

<b>Model</b>	FUT007
<b>Color</b>	White

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 5μA  
**RF:** 2.4GHz  
**Group Number:** 4-Zone  
**Size(mm):** 53 \* 21 \* 110.5

RGB+ CCT



Rainbow Remote

<b>Model</b>	S2-W	S2-B	S2-G
<b>Color</b>	White	Black	Grey

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15μA  
**RF:** 2.4GHz  
**Size(mm):** Ø70 \* 24

Dual White



Sunrise Remote

<b>Model</b>	S1-W	S1-B	S1-G
<b>Color</b>	White	Black	Grey

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15μA  
**RF:** 2.4GHz  
**Size(mm):** Ø70 \* 24



**RGB+  
CCT**



8-Zone RGB+CCT Panel Remote

<b>Model</b>	B8
<b>Color</b>	White

**Working Voltage:** 3V(AAA\*2PCS)/DC3.3V  
**Control Distance:** 30m  
**Standby Power Consumption:** 20µA

**RF:** 2.4GHz  
**Group Number:** 8-Zone  
**Size(mm):** 106 \* 146 \* 20

**RGB+  
CCT**



RGB+CCT Panel Remote

<b>Model</b>	B0	B0-B
<b>Color</b>	White	Black

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Size(mm):** 86 \* 86 \* 16

**Single  
Color**



4-Zone Single Color Panel Remote

<b>Model</b>	B1	B1-B
<b>Color</b>	White	Black

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Group Number:** 4-Zone  
**Size(mm):** 86 \* 86 \* 16

**Dual  
White**



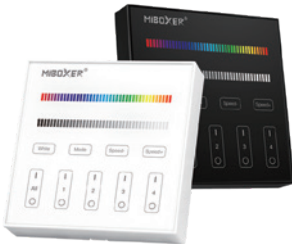
4-Zone Dual White Panel Remote

<b>Model</b>	B2
<b>Color</b>	White

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Group Number:** 4-Zone  
**Size(mm):** 86 \* 86 \* 16

**RGBW**



4-Zone RGBW Panel Remote

<b>Model</b>	B3	B3-B
<b>Color</b>	White	Black

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Group Number:** 4-Zone  
**Size(mm):** 86 \* 86 \* 16

**RGB+  
CCT**



4-Zone RGB+CCT Panel Remote

<b>Model</b>	B4	B4-B
<b>Color</b>	White	Black

**Working Voltage:** 3V(AAA \* 2PCS)  
**Control Distance:** 30m  
**Standby Power Consumption:** 15µA

**RF:** 2.4GHz  
**Group Number:** 4-Zone  
**Size(mm):** 86 \* 86 \* 16

**Single Color**



4-Zone Single Color Panel Remote

<b>Model</b>	T1
<b>Color</b>	White

**Working Voltage:** AC100~240V  
**Standby Power:** 0.15W  
**Group Number:** 4-Zone  
**RF:** 2.4GHz  
**Control Distance:** 30m  
**Size(mm):** 86 \* 86 \* 31

**Dual White**



4-Zone Dual White Panel Remote

<b>Model</b>	T2
<b>Color</b>	White

**Working Voltage:** AC100~240V  
**Standby Power:** 0.15W  
**Group Number:** 4-Zone  
**RF:** 2.4GHz  
**Control Distance:** 30m  
**Size(mm):** 86 \* 86 \* 31

**RGBW**



4-Zone RGBW Panel Remote

<b>Model</b>	T3
<b>Color</b>	White

**Working Voltage:** AC100~240V  
**Standby Power:** 0.15W  
**Group Number:** 4-Zone  
**RF:** 2.4GHz  
**Control Distance:** 30m  
**Size(mm):** 86 \* 86 \* 31

**RGB+CCT**



4-Zone RGB+CCT Panel Remote

<b>Model</b>	T4
<b>Color</b>	White

**Working Voltage:** AC100~240V  
**Standby Power:** 0.15W  
**Group Number:** 4-Zone  
**RF:** 2.4GHz  
**Control Distance:** 30m  
**Size(mm):** 86 \* 86 \* 31

**Dual White**



Rotating Switch Panel Remote

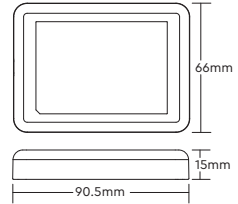
<b>Model</b>	K1	K1-B
<b>Color</b>	White	Black

**Working Voltage:** 3V(CR2032)  
**Control Distance:** 30m  
**Standby Power Consumption:** <6µA  
**RF:** 2.4GHz  
**Size(mm):** 86 \* 86 \* 27

## 2.4GHz Gateway

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

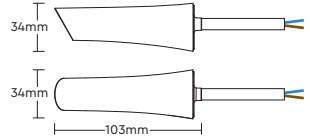
- WiFi wireless control
- 16 millions of colors to choose
- Smartphone app control
- Support third party voice control
- 2.4G RF wireless transmission technology
- Color temperature adjustable
- Can control 2.4G RF series products
- Dim brightness/Saturation



Model	Input Voltage	Transmitting Power	Working Temp.	Communication Mode	RF	Remote Control Distance
WL-Box1	DC5V/500mA (Micro USB)	6dBm	-20~60°C	WiFi-IEEE 802.11b/g/n 2.4GHz	2.4GHz	30m

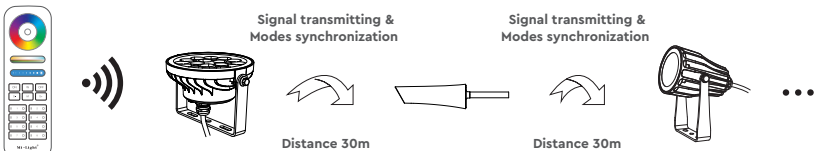
## 2.4GHz RF Repeater

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



Model	Input Voltage	Transmitting Power	Standby Power Consumption	Working Temp.	IP Rate	Transmission Distance
RP1	100-240V~50/60Hz	6dBm	0.2W	-20~45°C	IP67	30m

2.4G repeater usually installed in outdoor open and long distance place, main function transmit signal while the distance is over 30m. The repeater is stable signal and cheapest cost, solved the problem for long distance control.

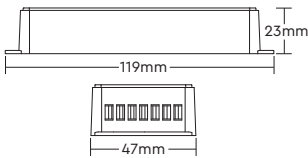


## 4/5-Channel High Performance Amplifier

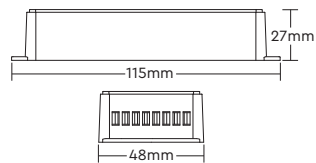
PA4/PA5 is a newly updated high performance 4/5-channel signal amplifier. Adopt high speed optical coupler with 10Mbps output rate; it can output the signal of main controller completely and synchronously. This products work on all PWM series LED controllers in market; Made from the big current MOSFET to assure the high rate output. Everytime you add one more amplifier, you can connect twice as many as LEDs.



**PA4**



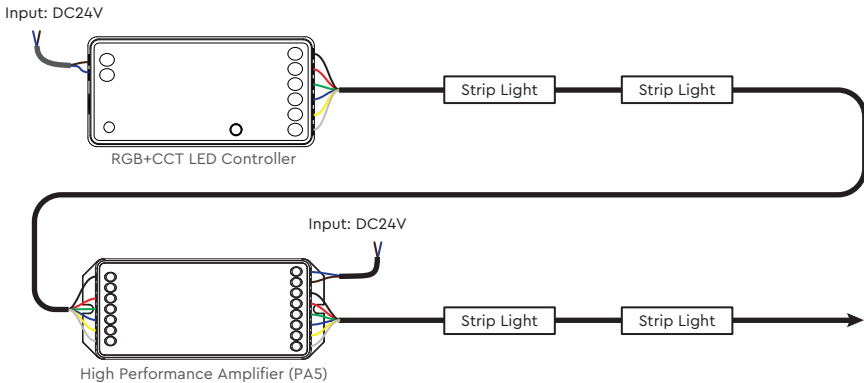
**PA5**



Model	Input/Output Voltage	Output Current	Total Output	Working Temp.	Switching Rate	Connection
PA4/PA5	DC12V/24V	6A/Channel	Max 15A	-20~60°C	10Mbps	Common anode

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

### Connection Diagram



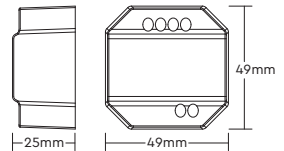
## AC Triac RF+Push Dimmer

- Support PUSH dimming
- 2.4G remote control
- Trailing edge (ELV) phase-cut
- Test temperature over heat / load protection

2.4G RF

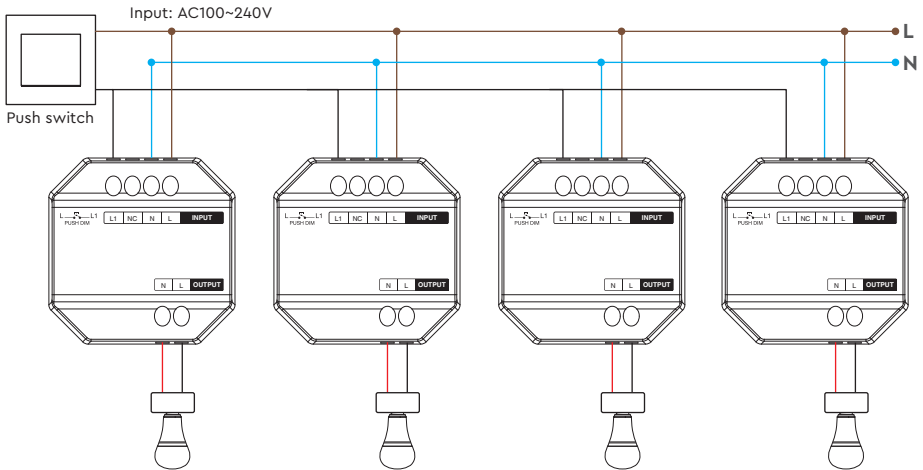


No need to change original electric circuit and install signal cable , low cost price, convenient to construct. Dim light through remote and Link code / Unlink code simply. Small and exquisite appearance which is easy to insert into EU and USA standard wire box. It's convenient to wire and install. It has wide application for single color Triac dimmable led light, traditional filament light and halogen light.



Model	Input Voltage	Output Voltage	Output Current	Output Power	Working Temp.	Dim Method	Control Distance
TRI-C1	AC100~240V 50/60Hz	AC100~240V	Max 1.36A	150W @110V 300W @220V	-10~40°C	RF wireless dimming Push dimming	30m

### Connection Diagram



Triac dimming LED light / Traditional filament lamp / Halogen lamp



## 2.4G LIGHT BULB SERIES



We offer bulbs in a variety of sizes, watts, and lumens, high-performance LED beads that are long lasting and energy efficient.

## Features

- 2.4G RF remote controllable.
- 16 Millions of colors to choose.
- Color temperature, Dim brightness & Saturation adjustable.
- Auto-transmitting & Synchronization function make control distance limitless.
- 50,000-hour lifespan, remarkable performance than conventional and other LED lamps.

## Application

Hotels, Bars, Commercial & Residential Lighting and Exhibition Stands.



**Remote control**  
Control distance 30m



## 2.4G RGB+CCT LED BULBS

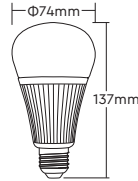
Including RGB+CCT and color temperature  
2 kinds of bulbs and candles  
Support remote control

2.4G RF



### 9W RGB+CCT LED Bulb

Base Type: E26 / E27 / B22  
Input: 100-240V~ 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C



**9W**  
**960LM**

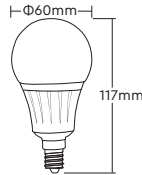


Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT012	RGB+CCT	2700K~6500K	9W	107LM/W	2.4G	30m



### 5W E14 RGB+CCT LED Light Bulb

Base Type: E14  
Input: 100-240V~ 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 240°  
Working Temp.: -10~40°C



**5W**  
**450LM**

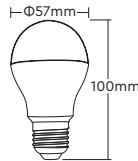


Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT013	RGB+CCT	2700K~6500K	5W	90LM/W	2.4G	30m



### 6W RGB+CCT LED Light Bulb

Base Type: E26 / E27 / B22  
Input: 100-240V~ 50/60Hz  
PF: >0.5  
CRI: >80  
Beam Angle: 220°  
Working Temp.: -10~40°C



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

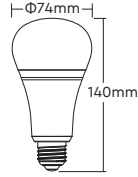


Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT014	RGB+CCT	2700K~6500K	6W	95LM/W	2.4G	30m



### 12W RGB+CCT LED Bulb

Base Type: E26 / E27  
 Input: 100-240V~ 50/60Hz  
 PF: >0.5  
 CRI: >80  
 Beam Angle: 220°  
 Working Temp.: -10~40°C

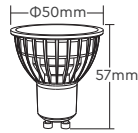


Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT105	RGB+CCT	2700K~6500K	12W	90LM/W	2.4G	30m



### 4W GU10 RGB+CCT LED Spotlight

Base Type: GU10  
 Input: 100-240V~ 50/60Hz  
 PF: >0.55  
 CRI: >80  
 Beam Angle: 25°  
 Working Temp.: -10~40°C

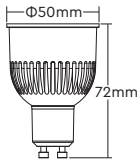


Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT103	RGB+CCT	2700K~6500K	4W	80LM/W	2.4G	30m



### 6W GU10 RGB+CCT LED Spotlight

Base Type: GU10  
 Input: 100-240V~ 50/60Hz  
 PF: >0.55  
 CRI: >80  
 Beam Angle: 30°  
 Working Temp.: -10~40°C

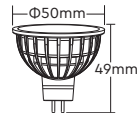


Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT106	RGB+CCT	2700K~6500K	6W	90LM/W	2.4G	30m



### 4W MR16 RGB+CCT LED Spotlight

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

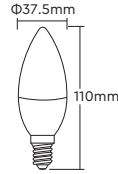


Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT104	RGB+CCT	2700K~6500K	4W	100LM/W	2.4G	30m



### 4W RGB+CCT Candle Light

Base Type: E14  
 Input: 100-240V~ 50/60Hz  
 PF: >0.5  
 CRI: >80  
 Beam Angle: 180°  
 Working Temp.: -10~40°C



Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT108	RGB+CCT	2700K~6500K	4W	80LM/W	2.4G	30m

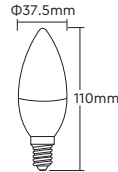
## 2.4G Dual White LED BULBS

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



### 4W Dual White Candle Light

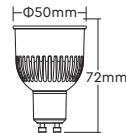
Base Type: E14  
 Input: 100-240V~ 50/60Hz  
 PF: >0.5  
 CRI: >80  
 Beam Angle: 180°  
 Working Temp.: -10~40°C



Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT109	CCT	2700K~6500K	4W	100LM/W	2.4G	30m

### 6W GU10 Dual White LED Spotlight

Base Type: GU10  
 Input: 100-240V~ 50/60Hz  
 PF: >0.55  
 CRI: >80  
 Beam Angle: 30°  
 Working Temp.: -10~40°C

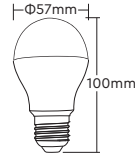


Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT107	CCT	2700K~6500K	6W	95LM/W	2.4G	30m

### 6W Dual White LED Light Bulb



Base Type: E26 / E27 / B22  
 Input: 100-240V~ 50/60Hz  
 PF: >0.5  
 CRI: >80  
 Beam Angle: 220°  
 Working Temp.: -10~40°C

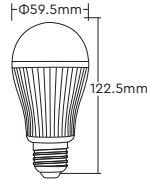


Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT017	CCT	2700K~6500K	6W	85LM/W	2.4G	30m

### 9W Dual White LED Light Bulb



Base Type: E26 / E27 / B22  
 Input: 100-240V~ 50/60Hz  
 PF: >0.5  
 CRI: >80  
 Beam Angle: 220°  
 Working Temp.: -10~40°C



Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT019	CCT	2700K~6500K	9W	95LM/W	2.4G	30m





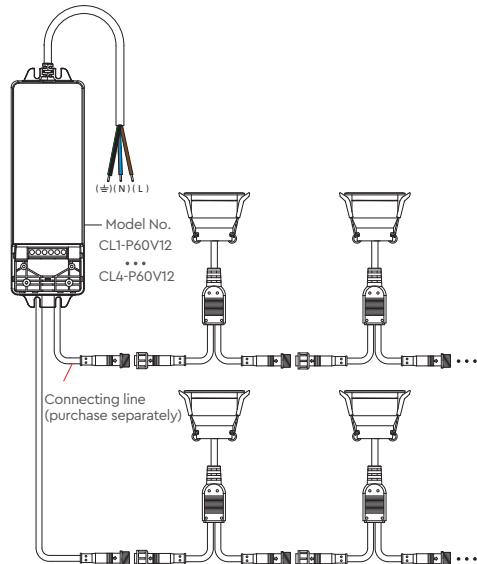
# LED SPOTLIGHT SERIES

## Features

- with waterproof male and female connector.
- High light transmittance mask.
- Stainless steel spring buckle.
- 50,000-hour lifespan: remarkable performance than conventional and other LED lamps.

## Application

Wardrobe, showroom, wine cabinet.



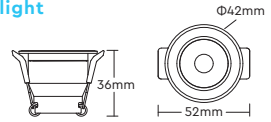
\*NOTE: One LED driver supply can connect up to 20 spotlights

 **IP66**  
RATING



### 3W Single Color LED Spotlight

Input: 12V ---  
Beam Angle: 36°  
Working Temp.: -10~40°C  
Hole Size: Ø33~36mm



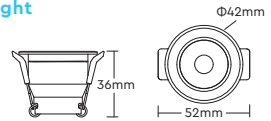
Model	Color Temp.	Power	Material	IP Rate
SL1-12	2000K/2200K 2400K/2700K 3000K/4000K	3W	Aluminium	IP66

 **IP66**  
RATING



### 3W Dual White LED Spotlight

Input: 12V ---  
Beam Angle: 36°  
Working Temp.: -10~40°C  
Hole Size: Ø33~36mm



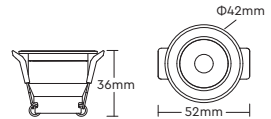
Model	Color Temp.	Power	Material	IP Rate
SL2-12	1800K~6500K 2700K~6500K	3W	Aluminium	IP66

 **IP66**  
RATING



### 3W RGB LED Spotlight

Input: 12V ---  
Beam Angle: 36°  
Working Temp.: -10~40°C  
Hole Size: Ø33~36mm



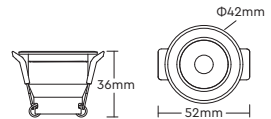
Model	Color Temp.	Power	Material	IP Rate
SL3-12	---	3W	Aluminium	IP66

 **IP66**  
RATING



### 3W RGBW LED Spotlight

Input: 12V ---  
Beam Angle: 36°  
Working Temp.: -10~40°C  
Hole Size: Ø33~36mm



Model	Color Temp.	Power	Material	IP Rate
SL4-12	2200K/2700K	3W	Aluminium	IP66





## 2.4G RGB+CCT LED DOWNLIGHT SERIES

We offer LED downlight in a variety of sizes, watts, and lumens, high-performance LED beads that are long lasting and energy efficient.

### Features

- 2.4G RF / Zigbee 3.0 remote controllable.
- 16 Millions of colors to choose.
- Color temperature, Dim brightness & Saturation adjustable.
- Auto-transmitting & Synchronization function make control distance limitless.
- 50,000-hour lifespan: remarkable performance than conventional and other LED lamps.

### Application

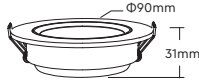
Hotels, Bars, Commercial & Residential Lighting and Exhibition Stands.



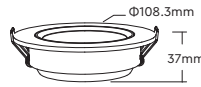
## LED COB DOWNLIGHT

The angle of the lamp body can be rotated  
High CRI COB LED Chip

**Beam Angle:** 30°  
**Working Temp.:** -10~40°C  
**CRI:** >90  
**Material:** Aluminium



Hole Size:  $\Phi$ 70-75mm  
**6W**



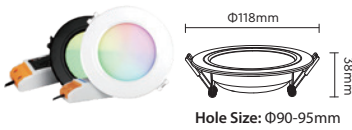
Hole Size:  $\Phi$ 91-95mm  
**12W**

**2.4G RF**   
**zigbee**  
**NONE DIMMING**  
**TRIAC**



Model	Input	Color Temp.	Power	PF	Luminous Flux	Luminous Efficiency	Control Method
DW2-06A-RF	100-240V~50/60Hz	2700K~6500K	6W	>0.5	500LM	83LM/W	<b>2.4G</b> (Control Distance 30m)
DW2-12A-RF	100-240V~50/60Hz	2700K~6500K	12W	>0.5	1000LM	83LM/W	<b>2.4G</b> (Control Distance 30m)
DW2-06A-ZB	100-240V~50/60Hz	2700K~6500K	6W	>0.5	500LM	83LM/W	<b>Zigbee 3.0</b> Control Distance: 100m (open area)
DW2-12A-ZB	100-240V~50/60Hz	2700K~6500K	12W	>0.5	1000LM	83LM/W	<b>Zigbee 3.0</b> Control Distance: 100m (open area)
DW1-06A-TR	200-240V~50/60Hz	2700K	6W	>0.9	500LM	83LM/W	<b>Triac Dimming</b>
DW1-12A-TR	200-240V~50/60Hz	2700K	12W	>0.9	1050LM	87LM/W	<b>Triac Dimming</b>
DW1-06A-ND	100-240V~50/60Hz	2700K	6W	>0.5	500LM	83LM/W	<b>None Dimmable</b>
DW1-12A-ND	100-240V~50/60Hz	2700K	12W	>0.5	1050LM	87LM/W	<b>None Dimmable</b>

### 6W RGB+CCT LED Downlight

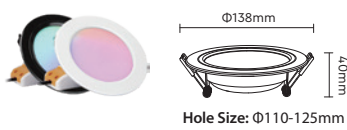


Model: FUT068 / FUT068-B  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 85LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 120°  
 Working Temp.: -20~60°C  
 Control Distance: 30m  
 Material: Aluminium

**6W**  
**600LM**



### 9W RGB+CCT LED Downlight

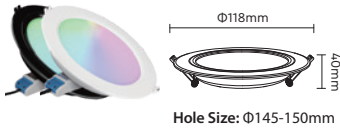


Model: FUT061 / FUT061-B  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 80LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 120°  
 Working Temp.: -20~60°C  
 Control Distance: 30m  
 Material: Aluminium

**9W**  
**720LM**



### 12W RGB+CCT LED Downlight

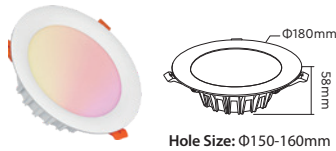


Model: FUT066 / FUT066-B  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 88LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 120°  
 Working Temp.: -20~60°C  
 Control Distance: 30m  
 Material: Aluminium

**12W**  
**1100LM**



### 18W RGB+CCT LED Downlight

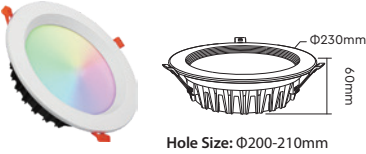


Model: FUT065  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 85LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 120°  
 Working Temp.: -20~60°C  
 Control Distance: 30m  
 Material: Aluminium

**18W**  
**1500LM**



### 25W RGB+CCT LED Downlight



Model: FUT060  
Input: 100-240V~ 50/60Hz  
Light Efficiency: 80LM/W  
Color Temp.: 2700K-6500K  
CRI: >80  
PF: >0.5  
Beam Angle: 120°  
Working Temp.: -20~60°C  
Control Distance: 30m  
Material: Aluminium

**25W**  
**2000LM**



### 6W RGB+CCT Waterproof LED Downlight



Model: FUT063  
Input: 100-240V~ 50/60Hz  
Light Efficiency: 80LM/W  
Color Temp.: 2700K-6500K  
CRI: >80  
PF: >0.5  
Beam Angle: 120°  
Working Temp.: -20~60°C  
Control Distance: 30m  
Material: Aluminium

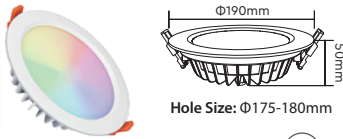


**IP54**  
RATING

**6W**  
**500LM**



### 15W RGB+CCT Waterproof LED Downlight



Model: FUT069  
Input: 100-240V~ 50/60Hz  
Light Efficiency: 80LM/W  
Color Temp.: 2700K-6500K  
CRI: >80  
PF: >0.5  
Beam Angle: 120°  
Working Temp.: -20~60°C  
Control Distance: 30m  
Material: Aluminium



**IP54**  
RATING

**15W**  
**1200LM**



### 9W RGB+CCT Square LED Downlight

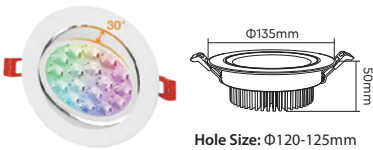


Model: FUT064  
Input: 100-240V~ 50/60Hz  
Light Efficiency: 80LM/W  
Color Temp.: 2700K-6500K  
CRI: >80  
PF: >0.5  
Beam Angle: 120°  
Working Temp.: -20~60°C  
Control Distance: 30m  
Material: Aluminium

**9W**  
**720LM**



### 9W RGB+CCT LED Ceiling Spotlight

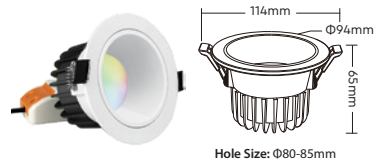


Model: FUT062  
Input: 100-240V~ 50/60Hz  
Light Efficiency: 85LM/W  
Color Temp.: 2700K-6500K  
CRI: >80  
PF: >0.5  
Beam Angle: 15°  
Working Temp.: -20~60°C  
Control Distance: 30m  
Material: Aluminium

**9W**  
**780LM**

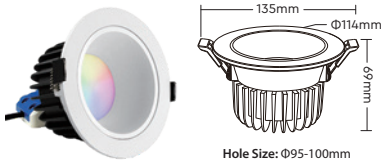


## 2.4G ANTI-GLARE RGB+CCT DOWNLIGHT



Model: FUT070  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 87LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 60°  
 Working Temp.: -20~60°C  
 Control Distance: 30m  
 Material: Aluminium

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



Model: FUT071  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 88LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 60°  
 Working Temp.: -20~60°C  
 Control Distance: 30m  
 Material: Aluminium

**12W**  
**1000LM**



Model: FUT072  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 66LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 60°  
 Working Temp.: -20~60°C  
 Control Distance: 30m  
 Material: Aluminium

**18W**  
**1200LM**





## 2.4G RGB+CCT LED GARDEN LIGHT SERIES

Transform the exteriors of a Building or a Garden into a Beautiful piece of Architecture. Simultaneously help navigate obstacles at night, prevent accidents and provide security.

### Features

- 2.4G RF remote controllable.
- 16 Millions of colors to choose.
- Color temperature, Dim brightness & Saturation adjustable.
- Auto-transmitting & Synchronization function make control distance limitless.
- 50,000-hour lifespan: remarkable performance than conventional and other LED lamps.

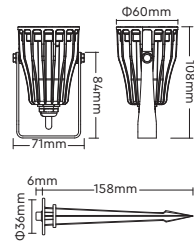
### Application

Public square, green belt, garden for decoration.



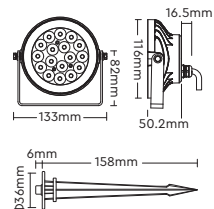
### 6W RGB+CCT LED Garden Light

Model: FUTC04  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 90LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >10m



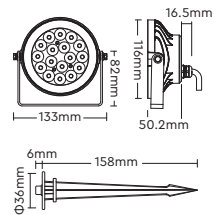
### 9W RGB+CCT LED Garden Light (DC24V)

Model: FUTC01  
 Input: 24V  
 Light Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >10m



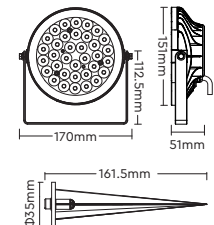
### 9W RGB+CCT LED Garden Light

Model: FUTC02  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >10m



### 15W RGB+CCT LED Garden Light

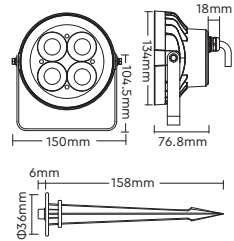
Model: FUTC03  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >10m





### 18W RGB+CCT LED Garden Light

Model: FUTC09  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 85LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >10m

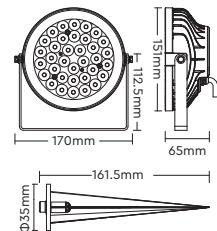


**18W**  
**1500LM**



### 25W RGB+CCT LED Garden Light

Model: FUTC05  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 85LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >15m

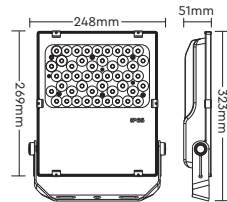


**25W**  
**2100LM**



### 50W RGB+CCT LED Garden Light

Model: FUTC06  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 80LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >15m

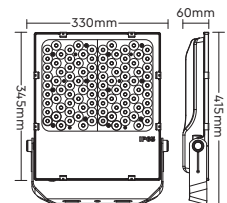


**50W**  
**4000LM**



### 100W RGB+CCT LED Garden Light

Model: FUTC07  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 75LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >15m



**100W**  
**7500LM**

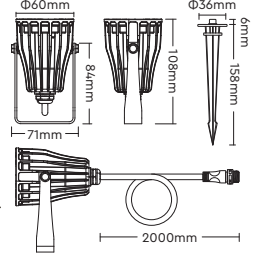




**6W RGB+CCT LED Garden Light (DC24V)**



Model: FUTC08  
 Input: 24V ~  
 Light Efficiency: 90LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >10m



**6W RGB+CCT LED Garden Light+Power Cable Kit**



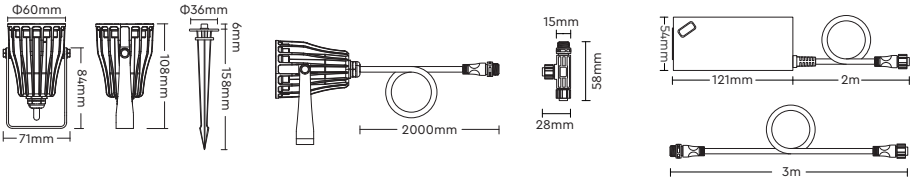
**6W RGB+CCT LED Garden Light (DC24V)**

Model: FUTC08A  
 Input: 24V ~  
 Light Efficiency: 90LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >10m



**Switching Power Supply**

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

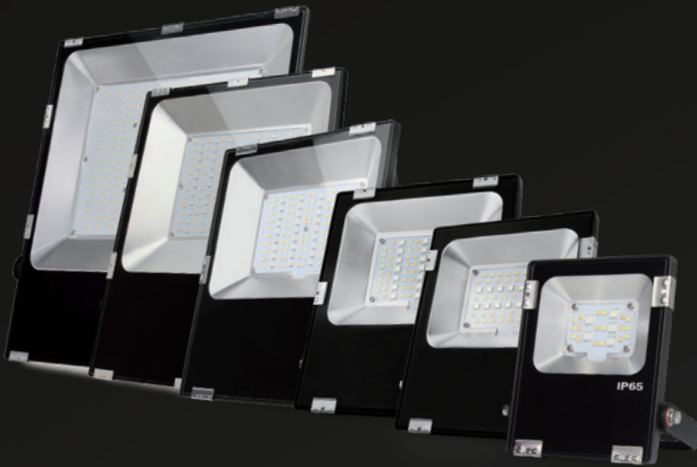


**Packing list**

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







## 2.4G RGB+CCT LED FLOODLIGHT SERIES

## Features

- 10w to 200w.
- IP65 rating -- high-quality components to ensure waterproof/airtight performance.
- 16 Millions of colors to choose.
- Color temperature, Dim brightness & Saturation adjustable.
- Auto-transmitting & Synchronization function make control distance limitless.
- 50,000-hour lifespan: remarkable performance than conventional and other LED lamps.

## Application

Mainly used for lighting in ports, docks, tunnels, stadiums, building decoration, outdoor, billboards and other places.



## 2.4G RGB+CCT LED Floodlight

Revolutionary high-powered LED floodlight with smart RGB+CCT technology. Multi colour options and adjustable white temperature will create different lighting experiences to best suit the environment and occasion.



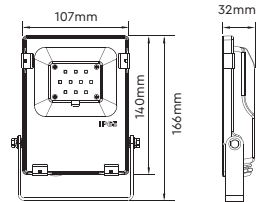
**Remote control**  
Control distance 30m

**2.4G RF**



### 10W RGB+CCT LED Floodlight

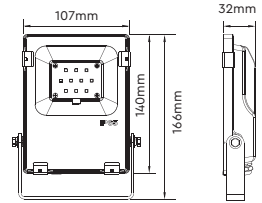
**Model:** FUTT05  
**Input:** 100-240V~ 50/60Hz  
**Light Efficiency:** 100LM/W  
**Color Temp.:** 2700K~6500K  
**CRI:** >80  
**PF:** >0.5  
**Beam Angle:** 160°  
**Working Temp.:** -20~45°C  
**Control Distance:** 30m  
**Illumination Distance:** >8m





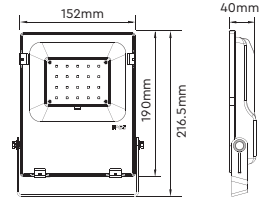
### 10W RGB+CCT LED Floodlight (DC24V)

Model: FUTT06  
 Input: 24V~  
 Light Efficiency: 115LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >8m



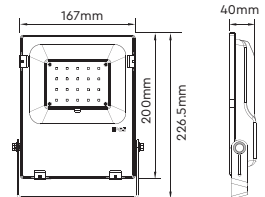
### 20W RGB+CCT LED Floodlight

Model: FUTT04  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 115LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.5  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >12m



### 30W RGB+CCT LED Floodlight

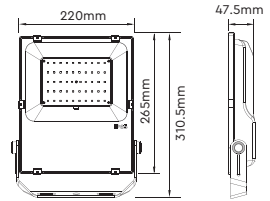
Model: FUTT03  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 110LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >18m





### 50W RGB+CCT LED Floodlight

Model: FUTT02  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 96LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >25m

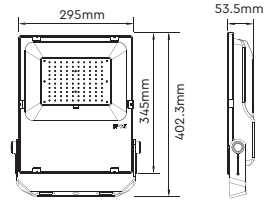


**50W**  
4800LM

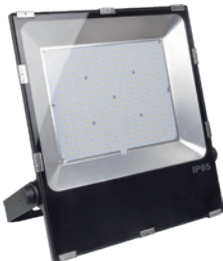


### 100W RGB+CCT LED Floodlight

Model: FUTT07  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >35m

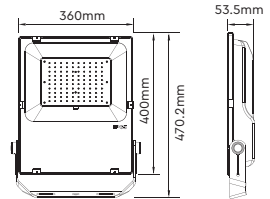


**100W**  
10000LM



### 200W RGB+CCT LED Floodlight

Model: FUTT08  
 Input: 100-240V~ 50/60Hz  
 Light Efficiency: 90LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.95  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control Distance: 30m  
 Illumination Distance: >50m



**200W**  
18400LM





## 2.4G RGB+CCT LED Wall Washer Light

The wall washer adopts high-quality LED lamp beads and excellent beam control to ensure uniform brightness, Ideal for architectural specification and projects requiring facade lighting which will create a dynamic linear illumination and fit seamlessly into a building's structure.

Color Temp.: 2700K~6500K

Lifespan: 50,000h

Working Temp.: -20~45°

CRI: >80

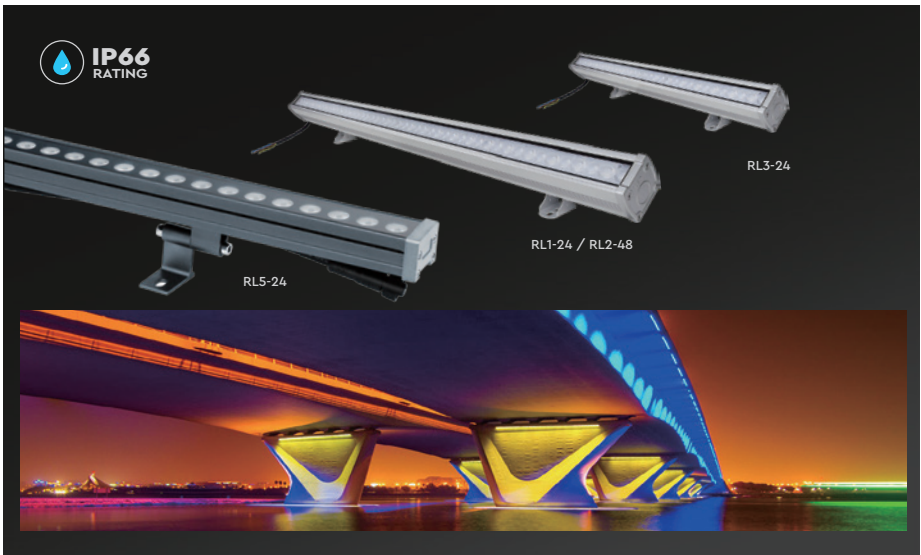
RF: 2.4GHz

Control Distance: 30m

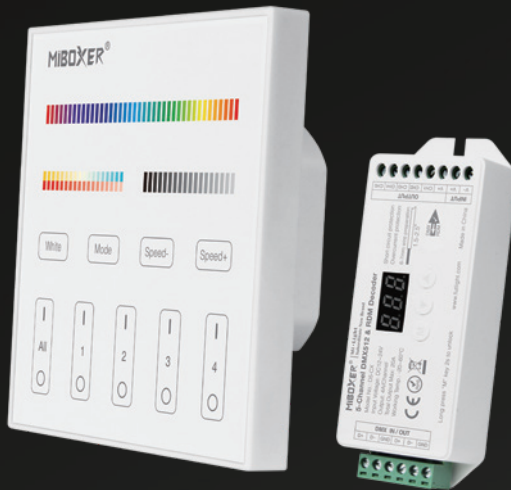


**Remote control**  
Control distance 30m

**2.4G RF**



Model	Input	Power	PF	Luminous Flux	Luminous Efficiency	Beam Angle	Size
RL1-24	100-240V~ 50/60Hz	24W	>0.9	1800LM	75LM/W	15°60°	1017*62*64mm
RL2-48	100-240V~ 50/60Hz	48W	>0.9	3200LM	65LM/W	15°60°	1017*62*64mm
RL3-24	100-240V~ 50/60Hz	24W	>0.9	1600LM	66LM/W	15°60°	521*62*64mm
RL5-24	24V	24W	---	1600LM	70LM/W	24°	994*34*25mm



## DMX512 SERIES



## Features

DMX512 is a standard for digital communication networks that are commonly used to control lighting and effects. It was originally intended as a standardized method for controlling stage lighting dimmers, which, prior to DMX512, had employed various incompatible proprietary protocols. It quickly became the primary method for linking controllers (such as a lighting console) to dimmers and special effects devices such as fog machines and intelligent lights.

## Application

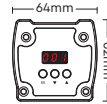
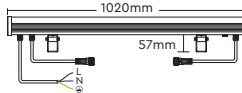
Commercial lighting, Bars, Hotel, Official lighting, Restaurant,Architectural lighting.



### 72W RGBW LED Wall Washer Light (DMX512 & RDM)



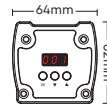
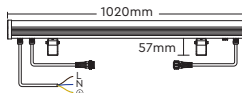
Model: D4-W72  
 Input: 100-240V~ 50/60Hz  
 Power: 72W  
 Luminous Flux: R:560LM G:1080LM B:300LM W:2600LM  
 Color Temp.: 2700K-3000K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 15°60°  
 Working Temp.: -20~45°C  
 Input Signal: DMX512, RDM  
 Occupy 4 DMX Address



### 72W RGB+CCT LED Wall Washer Light (DMX512 & RDM)



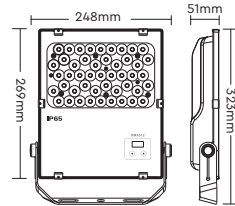
Model: D5-W72  
 Input: 100-240V~ 50/60Hz  
 Power: 72W  
 Luminous Flux: R:280LM G:540LM B:150LM CW:1800LM WW:1650LM  
 Color Temp.: 2700K-6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 15°60°  
 Working Temp.: -20~45°C  
 Input Signal: DMX512, RDM  
 Occupy 5 DMX Address



### 50W RGB+CCT LED Garden Light



Model: D5-G50  
 Input: 100-240V~ 50/60Hz  
 Luminous Efficiency: 80LM/W  
 Color Temp.: 2700K-6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Input Signal: DMX512, RDM  
 Illumination distance: >15m  
 Occupy 5 DMX Address



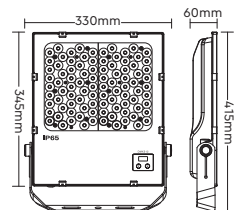
**50W**  
4000LM



### 100W RGB+CCT LED Garden Light



Model: D5-G100  
 Input: 100-240V~ 50/60Hz  
 Luminous Efficiency: 75LM/W  
 Color Temp.: 2700K-6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Input Signal: DMX512, RDM  
 Illumination distance: >15m  
 Occupy 5 DMX Address

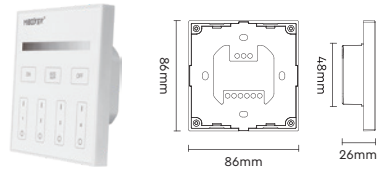


**100W**  
7500LM



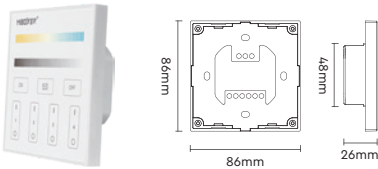


### DMX512 Master(Single Color)



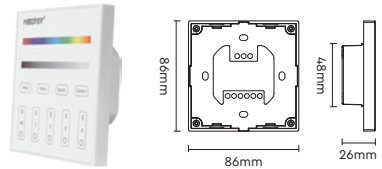
**Model No.:** X1  
**Input Voltage:** 100-240V~ 50/60Hz  
**Output:** DMX512 + 2.4G Wireless  
**RF Transmitting Power:** 6dBm  
**Working Temp.:** -20~45°C

### DMX512 Master(Color Temperature)



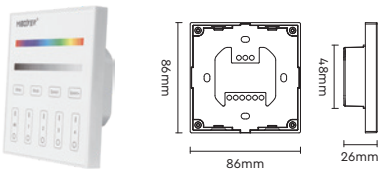
**Model No.:** X2  
**Input Voltage:** 100-240V~ 50/60Hz  
**Output:** DMX512 + 2.4G Wireless  
**RF Transmitting Power:** 6dBm  
**Working Temp.:** -20~45°C

### DMX512 Master(RGB)



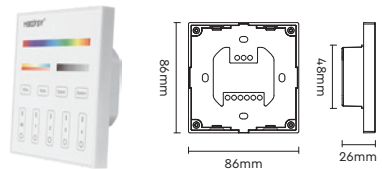
**Model No.:** X3  
**Input Voltage:** AC100~240V 50/60Hz  
**Output:** DMX512 + 2.4G Wireless  
**RF Transmitting Power:** 6dBm  
**Working Temp.:** -20~45°C

### DMX512 Master(RGBW)



**Model No.:** X4  
**Input Voltage:** AC100~240V 50/60Hz  
**Output:** DMX512 + 2.4G Wireless  
**RF Transmitting Power:** 6dBm  
**Working Temp.:** -20~45°C

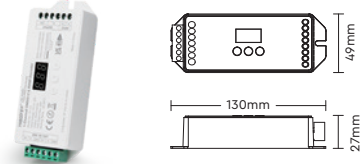
### DMX512 Master(RGB+CCT)



**Model No.:** X5  
**Input Voltage:** AC100~240V 50/60Hz  
**Output:** DMX512 + 2.4G Wireless  
**RF Transmitting Power:** 6dBm  
**Working Temp.:** -20~45°C

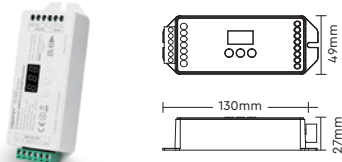


**1-Channel  
Constant Voltage DMX512 & RDM Decoder**



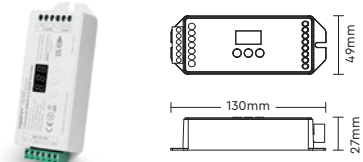
Model No.: D1-CX  
 Input Voltage: 12V~24V  $\overline{\text{---}}$   
 Output Current: 20A/Channel  
 Total Output Current: Max 20A  
 Input Signal: DMX512, RDM  
 Working Temp.: -20~45°C

**2-Channel  
Constant Voltage DMX512 & RDM Decoder**



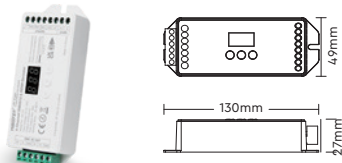
Model No.: D2-CX  
 Input Voltage: 12V~24V  $\overline{\text{---}}$   
 Output Current: 10A/Channel  
 Total Output Current: Max 20A  
 Input Signal: DMX512, RDM  
 Working Temp.: -20~45°C

**3-Channel  
Constant Voltage DMX512 & RDM Decoder**



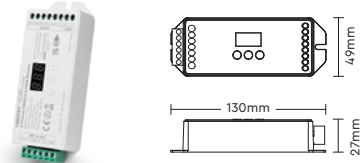
Model No.: D3-CX  
 Input Voltage: 12V~24V  $\overline{\text{---}}$   
 Output Current: 6A/Channel  
 Total Output Current: Max 18A  
 Input Signal: DMX512, RDM  
 Working Temp.: -20~45°C

**4-Channel  
Constant Voltage DMX512 & RDM Decoder**



Model No.: D4-CX  
 Input Voltage: 12V~24V  $\overline{\text{---}}$   
 Output Current: 5A/Channel  
 Total Output Current: Max 20A  
 Input Signal: DMX512, RDM  
 Working Temp.: -20~45°C

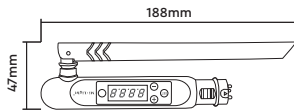
**5-Channel  
Constant Voltage DMX512 & RDM Decoder**



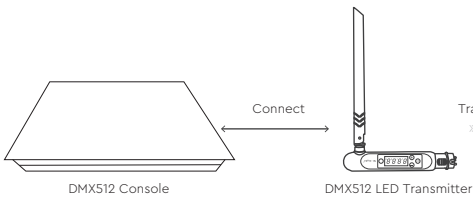
Model No.: D5-CX  
 Input Voltage: 12V~24V  $\overline{\text{---}}$   
 Output Current: 4A/Channel  
 Total Output Current: Max 20A  
 Input Signal: DMX512, RDM  
 Working Temp.: -20~45°C



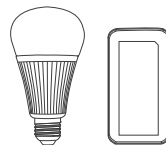
**DMX 512 LED Transmitter**



Model	Input	RF Transmitting Power	RF	Input Signal	Control Distance
FUTD01	DC5V / 500mA	6dBm	2.4G	DMX512	30m



2.4GHz RF  
Transmission Tech



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



## DALI SERIES

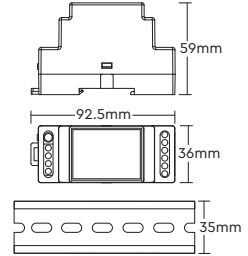


## DALI Bus Power Supply (DIN Rail)

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



**Model:** DL-POW1  
**Input Voltage:** AC100~240V 50/60Hz  
**Input Current:** 115Vac/±0.09A, 230Vac/±0.05A  
**Leakage Current:** <0.5mA/230Vac  
**Inrush Current:** Cold start 10A at 230Vac  
**Output Voltage:** DC16V  
**Output Current:** 250mA Max  
**Max. Rated Power:** 4W  
**Setup Time:** 115Vac<2500ms, 230Vac<1500ms (at full load)  
**Ripple & Noise:** 0.2Vp-p (at full load)  
**Working Temp.:** -20~60°C  
**Working Humidity:** 20~95%RH, non-condensing



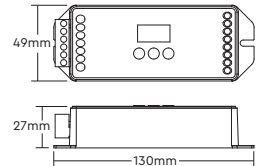
DIN-Rail mounting size:  
TS-35/7.5 or TS-35/15  
(Purchasing separately)

## DALI 5 in 1 LED Controller (DT8)

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

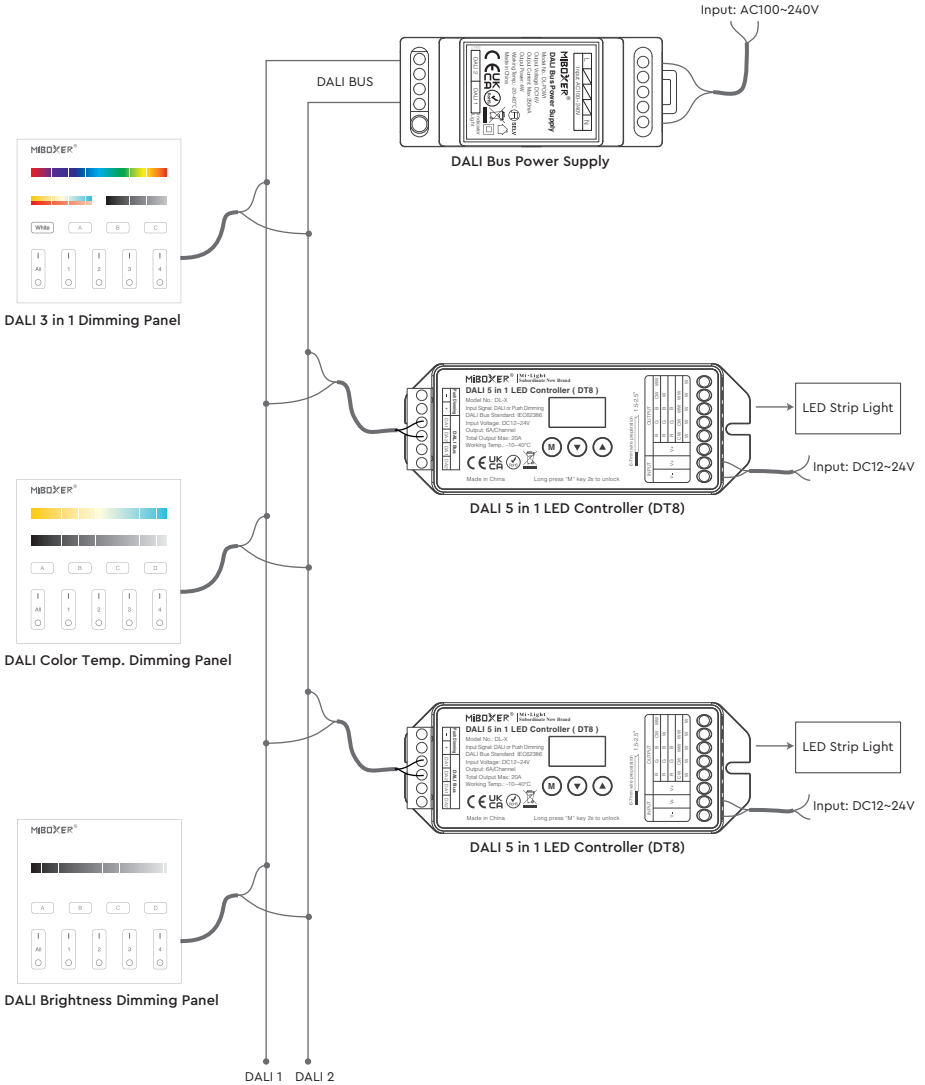


- 16 millions of colors to choose
- Color temperature adjustable
- Dim brightness / Saturation



Model	Input Voltage	Input Signal	DALI Bus Standard	Output	Total Output Max	Working Temp.
DL-X	DC12~24V	DALI Signal or Push Dimming	IEC62386	6A/Channel	20A	-10~40°C

**Support DT8 type**  
Tc / xy coordinates / RGBWAF

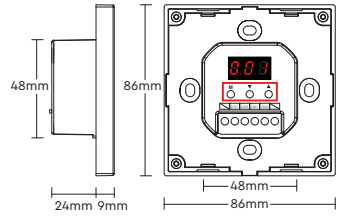




## DALI Touch Panel

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

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



Model	Power Supply	DALI Bus Standard	Output Signal	Controlling Type	Standby Current	Working Temp.	Weight
DP1S	DALI Power	IEC62386	DALI Signal	Dimming (DT6)	<4mA@16V	-10~40°C	145g
DP2S				CCT (DT8 type: Tc)			
DP3S				RGB(DT8 type: xy coordinates) RGBW(DT8 type: RGBWAF) RGB+CCT(DT8 type: RGBWAF)			





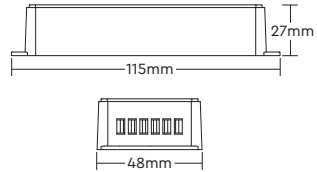
## SYS SERIES

## 1-Channel Host Controller

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



- 16 Millions colors
- 2.4GHz remote control
- App control (need 2.4GHz Gateway WL-Box1)
- Saturation adjustable
- Color temp. adjustable
- Dim brightness
- Third party voice control (need 2.4GHz Gateway WL-Box1)
- DMX512 control (need transmitter FUTD01)



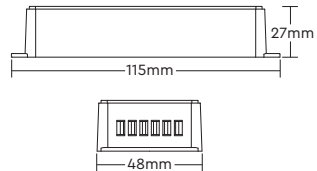
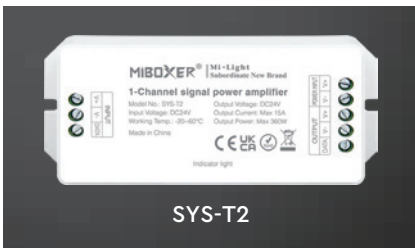
Model	Input Voltage	Output Voltage	Output Current	Output Power	Working Temp.	Control Method	Control Distance
SYS-T1	DC24V	DC24V	Max 15A	Max 360W	-20~60°C	2.4G	30m

## 1-Channel Signal Power Amplifier

The amplifier is to amplify the power and signal for "SYS-T1 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.

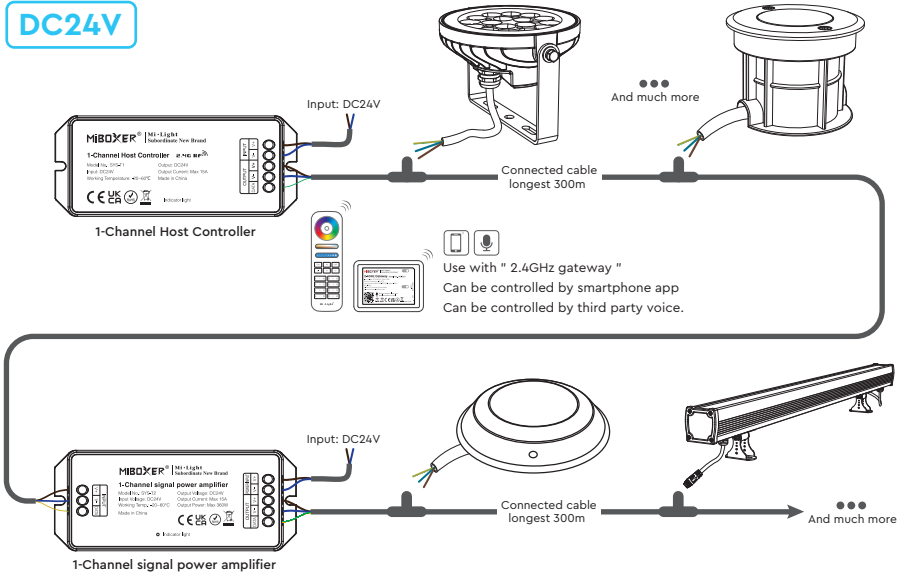
Note: When using "SYS-T1 controller", you need to add "SYS-T2 1-channel signal amplifier" for below 3 situations.

- Connecting over 50pcs lights
- Connected cable length over 300m
- Output power over 360W



Model	Input Voltage	Output Voltage	Output Current	Output Power	Working Temp.
SYS-T2	DC24V	DC24V	Max 15A	Max 360W	-20~60°C

**Connection Diagram**

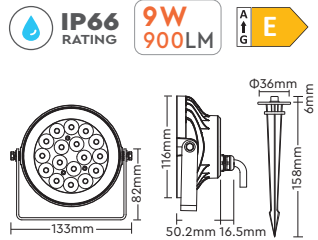


This product has to be connected to "SYS-T1 Controller" to fulfill the remote controlling



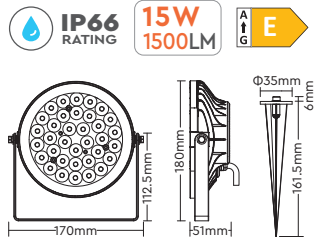
**9W RGB+CCT LED Garden Light**

Model: SYS-RC1  
 Input: DC24V  
 Luminous Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Illumination distance: >10m  
 Lifespan: 50000h



**15W RGB+CCT LED Garden Light**

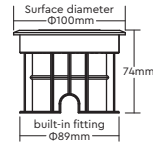
Model: SYS-RC2  
 Input: DC24V  
 Luminous Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Illumination distance: >10m  
 Lifespan: 50000h





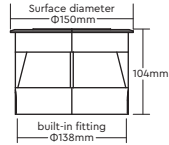
### 5W RGB+CCT LED Underground Light

Model: SYS-RD1  
 Input: DC24V  
 Luminous Efficiency: 70LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 30°  
 Working Temp.: -20~60°C  
 Lifespan: 50000h



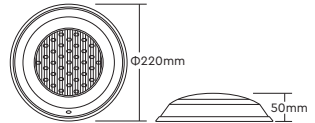
### 9W RGB+CCT LED Underground Light

Model: SYS-RD2  
 Input: DC24V  
 Luminous Efficiency: 80LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 15°  
 Working Temp.: -20~60°C  
 Lifespan: 50000h



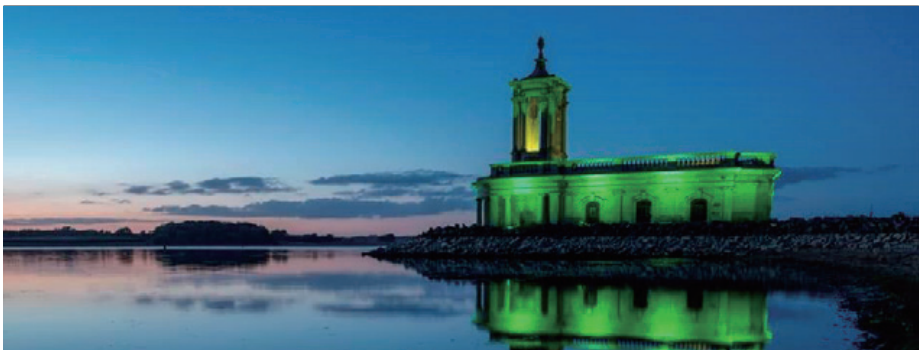
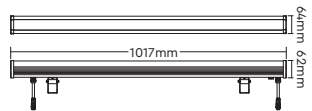
### 15W RGB+CCT Underwater Light

Model: SYS-RW1  
 Input: DC24V  
 Luminous Efficiency: 72LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Lifespan: 50000h



### 24W RGB+CCT Wall Washer Light

Model: SYS-RL1  
 Input: DC24V  
 Luminous Efficiency: 75LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 15°~60°  
 Working Temp.: -20~60°C  
 Illumination Distance: >15m  
 Lifespan: 50000h





## 433MHZ LORA SERIES

## Features

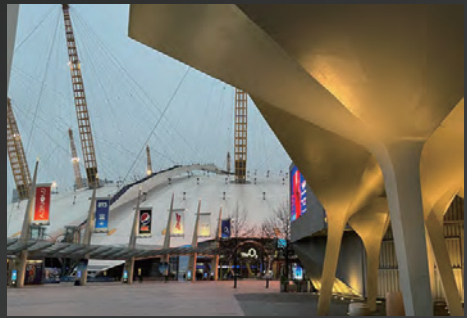
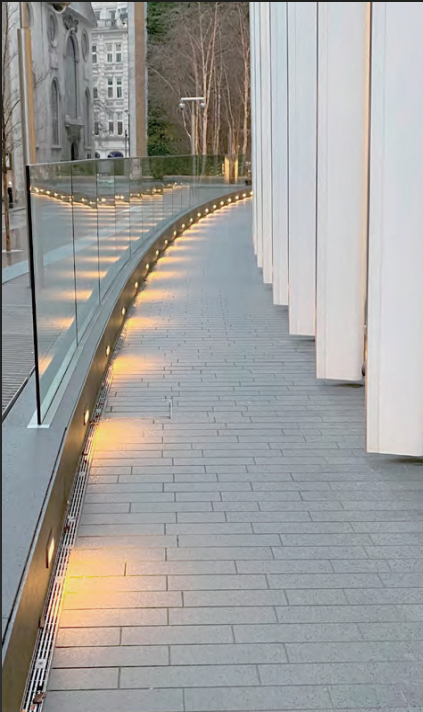
LoRa Radio Module 433MHz is a low power long range wireless network module, which can realize wide area communication. Most of them are used in underwater light or in open area, max control distance is over 2km. Miboxer under water light can use remote or APP control the light under water around 0.5m, 50,000-hour lifespan.

## Application

Pool project, Agricultural lighting, Fountain lighting, Garden lighting.



Remote control





LoRa

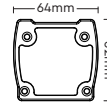
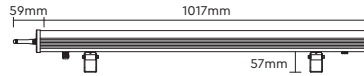


### 24W RGB+CCT LED Wall Washer Light

Model: RL1-24L  
 Input: 100-240V~ 50/60Hz  
 Luminous Efficiency: 75LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 15°60°  
 Working Temp.: -20~45°C  
 Control Distance: 2000m  
 Illumination Distance: >15m

IP66 RATING

24W  
1800LM



LoRa

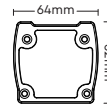
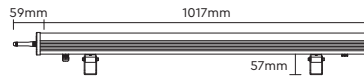


### 48W RGB+CCT LED Wall Washer Light

Model: RL2-48L  
 Input: 100-240V~ 50/60Hz  
 Luminous Efficiency: 66LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 15°60°  
 Working Temp.: -20~45°C  
 Control Distance: 2000m  
 Illumination Distance: >20m

IP66 RATING

48W  
3200LM



LoRa

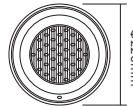


### 15W RGB+CCT Wall-mounted Underwater Light

Model: UW01  
 Input: 12V~ / 12V-24V ~~~  
 Luminous Efficiency: 72LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control distance: 50m (Lamps into 0.5m underwater)

IP68 RATING

15W  
1100LM



LoRa

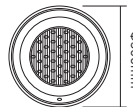


### 27W RGB+CCT Wall-mounted Underwater Light

Model: UW02  
 Input: 12V~ / 12V-24V ~~~  
 Luminous Efficiency: 75LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control distance: 50m (Lamps into 0.5m underwater)

IP68 RATING

27W  
2000LM



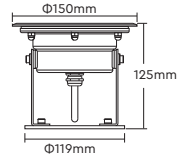


LoRa



### 9W RGB+CCT LED Underwater Light

Model: UW03  
 Input: 12V~ / 12V-24V ---  
 Luminous Efficiency: 70LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Control distance: 50m (Lamps into 0.5m underwater)

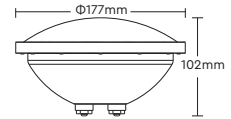


LoRa



### 27W RGB+CCT PAR56 LED Pool Light

Model: PW01  
 Input: 12V~ / 12V-24V ---  
 Luminous Efficiency: 95LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control distance: 50m (Lamps into 0.5m underwater)

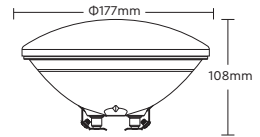


LoRa



### 18W RGB+CCT PAR56 LED Pool Light

Model: PW02  
 Input: 12V~ / 12V-24V ---  
 Luminous Efficiency: 100LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 160°  
 Working Temp.: -20~45°C  
 Control distance: 50m (Lamps into 0.5m underwater)

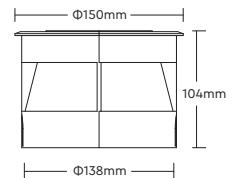


LoRa



### 9W RGB+CCT LED Underground Light

Model: RD-9L  
 Input: 12V~ / 12V-24V ---  
 Luminous Efficiency: 70LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 Beam Angle: 15°  
 Working Temp.: -20~45°C



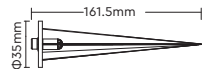
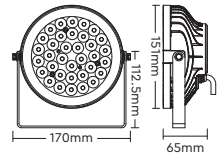


LoRa



### 25W RGB+CCT LED Garden Light

Model: FUTC05L  
 Input: 100-240V~ 50/60Hz  
 Luminous Efficiency: 85LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >75  
 PF: >0.5  
 Beam Angle: 15°  
 Working Temp.: -20~45°C  
 Control distance: 2000m  
 Illumination distance: >15m

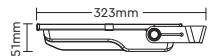
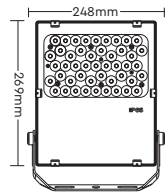


LoRa

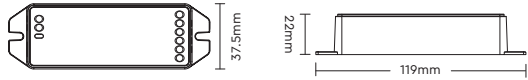


### 50W RGB+CCT LED Garden Light

Model: FUTC06L  
 Input: 100-240V~ 50/60Hz  
 Luminous Efficiency: 80LM/W  
 Color Temp.: 2700K~6500K  
 CRI: >80  
 PF: >0.9  
 Beam Angle: 25°  
 Working Temp.: -20~45°C  
 Control distance: 2000m  
 Illumination distance: >15m



**LoRa** RGB+CCT LED Controller



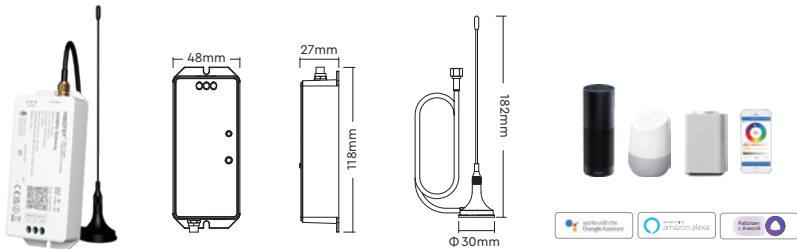
Model	Input	Output	Total Output	Modulation Method	Control Distance
FUT039L	12V~24V	6A/Channel	Max 12A	LoRa spread spectrum	500m

**LoRa** 8-Zone 433MHz Remote Controller



Model	Working Voltage	Power	Modulation Method	Control Distance
FUT086	3V (AAA * 2PCS)	RF Transmitting Power: 10dBm Standby Power Consumption: 16μA	LoRa spread spectrum	50m (Lamps into 0.5m underwater) 1000m (Lamps on the open area)

**LoRa** 433MHz Gateway Smartphone app control | Support third party voice control



Model	Input	Input Signal	Communication Mode	Modulation Method	Control Distance
WL-433	DC5V/500mA	DMX512 (1990)	WiFi-IEEE 802.11b/g/n 2.4GHz	LoRa spread spectrum	50m (Lamps into 0.5m underwater) 1000m (Lamps on the open area)



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<https://www.miboxer.com>