MiBOXER®

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.

03
Zigbee 3.0 Gateway

04
Zigbee 3.0 Remote

05-10
Zigbee 3.0 Light

11-13
LED Controller

14
Waterproof LED Controller

15
5 in 1 LED Controller

16
Waterproof 5 in 1 LED Controller

17-18
Dimming LED Driver

19-20
High voltage Dimming LED Driver

21-25
2.4G Remote

26
2.4G Gateway

27
Amplifier

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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Triac

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2.4G Light Bulb

35-36
LED Spotlight

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COB Downlight

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2.4G LED Downlight

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2.4G LED Garden Light

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2.4G LED Wall Washer Light

53-58
DMX512 Series

59-62
DALI Series

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SYS Series

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LoRa Series

2009
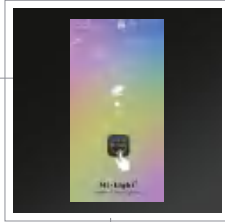Established Hong Kong Company Name: Futlight Optoelectronics Co.,Ltd
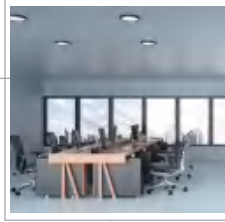
2012
2.4G
Focus on developing 2.4G LED control system,contained wireless LED controller and remote

2013
Mi-Light brand comes into market (innovative technology, create simple and smart, safety and reliable, environmental and economic lighting system)

Mi·Light®

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
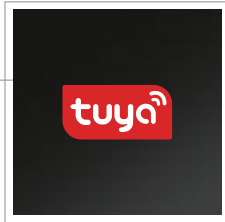
MiBOXER®

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

DALI SERIES

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
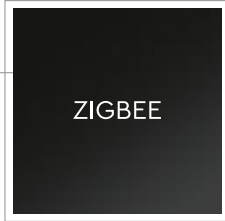
SYS SERIES

2019
Tuya smart established deep relationship with us, All MiBoxer item updated software to support Alexa, Google home, third party voice control.

tuya

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

DMX512 SERIES

ZIGBEE

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

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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.

MiBOXER® | **Mi·Light**
Subordinate New Brand

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.

CE **UKCA** **RoHS**

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 under water 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.
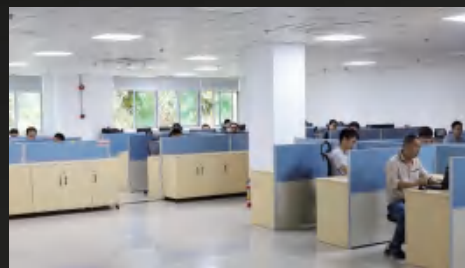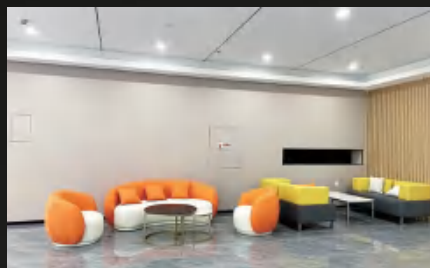
Zigbee 3.0 protocol was created and ratified by member companies of the Zigbee Alliance. Over 300 leading semiconductor manufacturers, technology firms, OEMs and service companies comprise the Zigbee Alliance membership. The Zigbee protocol was designed to provide an easy-to-use wireless data solution 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 SERIES

Zigbee 3.0 Gateway

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

- 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.
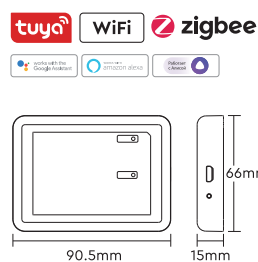
66mm
90.5mm
15mm

Model	Iuput 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.
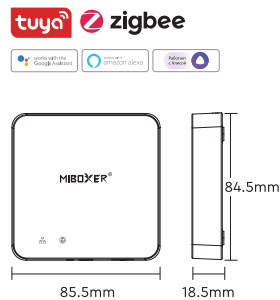
84.5mm
85.5mm
18.5mm

Model	Iuput 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
- Group Number 7 Zones
- Remote to control lights (Zigbee 3.0 gateway is needed)
- Color temperature adjustable
- Compatible with all zigbee 3.0 lights
- Dim brightness / Saturation

47mm
19mm
24.3mm
78mm
153mm
53mm
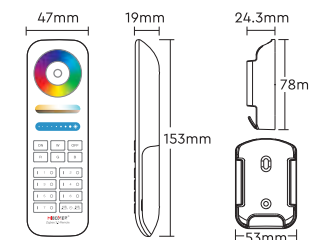
Model	Working Voltage	Standby Power Consumption	Transmitting Power	Working Temp.	Controllable Lights	Control Distance
FUT089Z	3V(AAA * 2PCS)	20μA	10dBm	-10~40°C	Max 25 Pcs	100m (open area)

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
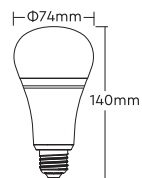
Φ74mm
140mm

12W 1100LM

A↑G F

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

Φ50mm
57mm

4W 320LM

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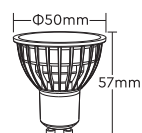
Model	Input Voltage	Power	Luminous Efficiency	Beam Angle	Control Distance
FUT103Z	100-240V~ 50/60Hz	4W	80LM/W	25°	100m(open area)

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

Φ50mm
72mm

6W 550LM

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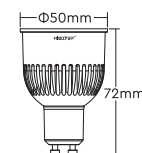
Model	Input Voltage	Power	Luminous Efficiency	Beam Angle	Control Distance
FUT106Z	100-240V~ 50/60Hz	6W	90LM/W	30°	100m(open area)

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

Φ118mm
38mm
Hole Size: Φ90-95mm

6W 600LM

A↑G F

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

Φ180mm
40mm
Hole Size: Φ145-150mm

12W 1100LM

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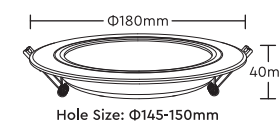
Model	Input Voltage	Power	Luminous Efficiency	Beam Angle	Control Distance
FUT066Z	100-240V~ 50/60Hz	12W	90LM/W	120°	100m(open area)

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)

zigbee

NEW

Foldable Magnetic Grille Light (Zigbee 3.0)

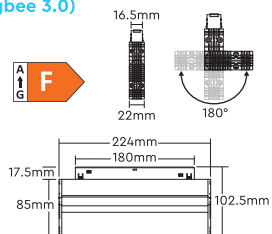| Color Temp.: | 2700K~6500K |
Working Temp.:	-10~40°C
CRI:	>80
Lifespan:	50000h

F A↑G   16.5mm 22mm 180°

224mm / 180mm / 17.5mm / 85mm / 102.5mm

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

F A↑G   16.5mm 22mm 180°

440mm / 180mm / 17.5mm / 85mm / 102.5mm
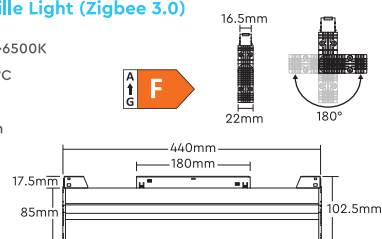
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MG5-12F-ZL	RGB+CCT	48V⎓	12W	75LM/W	900LM	24°	50m (open area)
MG2-20F-ZL	Dual White		20W	75LM/W	1530LM		

NEW

Magnetic Grille Light (Zigbee 3.0)

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

F A↑G   16.5mm 22mm 221mm / 180mm / 17.5mm / 25mm / 42.5mm
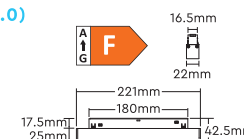
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MG5-06N-ZL	RGB+CCT	48V⎓	6W	65LM/W	440LM	24°	50m (open area)
MG2-10N-ZL	Dual White		10W	80LM/W	800LM		

NEW

Magnetic Grille Light (Zigbee 3.0)

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

F A↑G   16.5mm 22mm 436mm / 180mm / 17.5mm / 25mm / 42.5mm
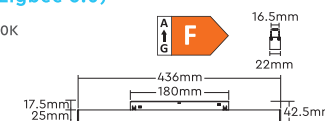
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MG5-12N-ZL	RGB+CCT	48V⎓	12W	75LM/W	900LM	24°	50m (open area)
MG2-20N-ZL	Dual White		20W	75LM/W	1530LM		

NEW

Magnetic Floodlight (Zigbee 3.0)

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

G A↑G   16.5mm 22mm 303mm / 180mm / 17.5mm / 25mm / 42.5mm
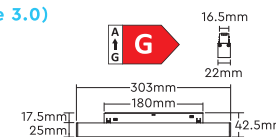
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MF5-12A-ZL	RGB+CCT	48V⎓	12W	40LM/W	450LM	120°	50m (open area)
MF2-12A-ZL	Dual White		12W	45LM/W	500LM		

NEW

Magnetic Floodlight (Zigbee 3.0)

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

G A↑G   16.5mm 22mm 603mm / 180mm / 17.5mm / 25mm / 42.5mm
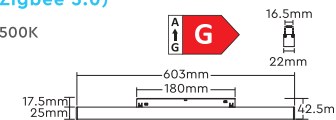
Model	Type	Input Voltage	Power	Luminous Efficiency	Luminous Flux	Beam Angle	Control Distance
MF5-24A-ZL	RGB+CCT	48V⎓	24W	40LM/W	900LM	120°	50m (open area)
MF2-24A-ZL	Dual White		24W	45LM/W	950LM		

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

IP66 RATING

6W 550LM

A↑G F

Φ60mm · 108mm · 84mm · 71mm
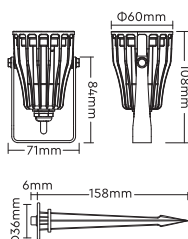
6mm · 158mm · Φ36mm

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

IP66 RATING

9W 900LM

A↑G F

16.5mm · 116mm · 82mm · 133mm · 50.2mm
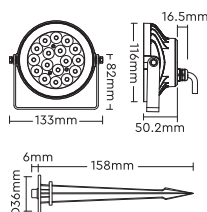
6mm · 158mm · Φ36mm

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

IP66 RATING

15W 1500LM

A↑G F

151mm · 112.5mm · 170mm · 51mm
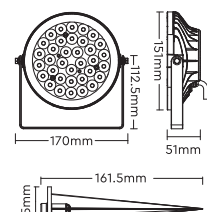
161.5mm · Φ35mm

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

IP66 RATING

25W 2200LM
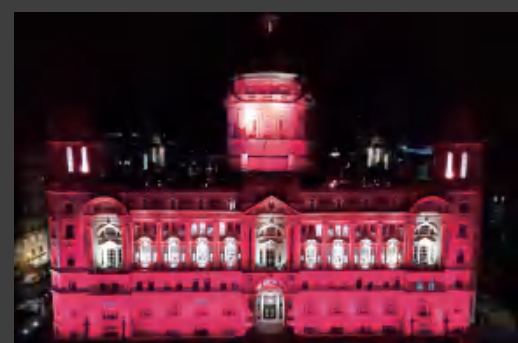
A↑G F

151mm · 112.5mm · 170mm · 65mm
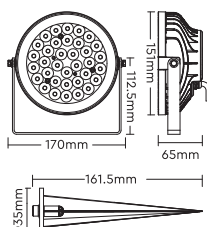
161.5mm · Φ35mm

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
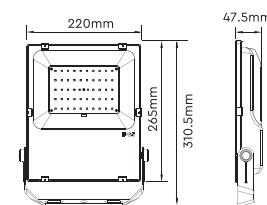 (Zigbee 3.0 gateway is needed)

zigbee

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

IP65 RATING

50W 4800LM

A↑G F

220mm · 47.5mm · 265mm · 310.5mm

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

IP65 RATING

30W 3300LM

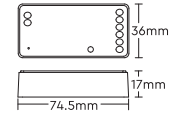A↑G E

167mm · 40mm · 200mm · 226.5mm
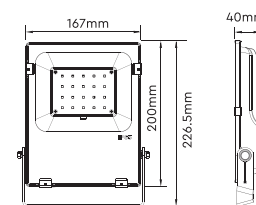
WIFI+2.4G LED CONTROLLER

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

36mm / 17mm / 74.5mm

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

2.4G (HIGH CURRENT) LED CONTROLLER

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)

2.4G RF / Max 20A Total Output

FUT035P	2.4G Dual White
FUT036P	2.4G Single Color
FUT037P	2.4G RGB
FUT038P	2.4G RGBW
FUT039P	2.4G RGB+CCT
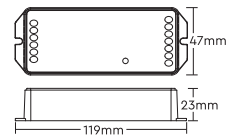
47mm / 23mm / 119mm

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 LED CONTROLLER

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
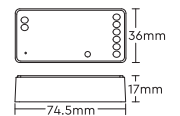
36mm / 17mm / 74.5mm

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)

LED CONTROLLER SERIES

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)

2.4G RF

LED CONTROLLER

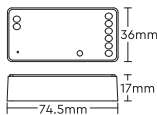| FUT035S	2.4G Dual White
FUT036S	2.4G Single Color
FUT037S	2.4G RGB
FUT038S	2.4G RGBW
FUT039S	2.4G RGB+CCT

36mm / 17mm / 74.5mm

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.

Φ70mm 24mm

36mm / 17mm / 74.5mm
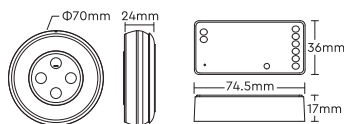
FUT035SA	FUT035S	Sunrise Remote (S1-W)
FUT036SA	FUT036S	

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	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
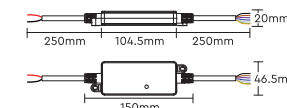2. RGB+CCT type support DMX512 control (need to pair with FUTD01)

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.

tuya WiFi 2.4G RF
works with Google Assistant amazon alexa Follow me / Amazon
IP66 RATING

WIFI+2.4G WATERPROOF LED CONTROLLER

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

20mm / 250mm 104.5mm 250mm / 46.5mm / 150mm

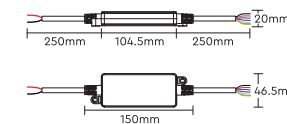| Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035W-P ~ FUT039W-P	DC12V~24V	Max 12A	-20~45°C	WiFi+2.4G	30m

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.

2.4G RF **IP66 RATING**

2.4G WATERPROOF LED CONTROLLER

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

20mm / 250mm 104.5mm 250mm / 46.5mm / 150mm

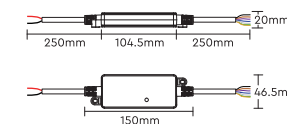| Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035S-P ~ FUT039S-P	DC12V~24V	Max 12A	-20~45°C	2.4G	30m

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.

tuya zigbee **IP66 RATING**

Zigbee 3.0 WATERPROOF LED CONTROLLER

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

20mm / 250mm 104.5mm 250mm / 46.5mm / 150mm

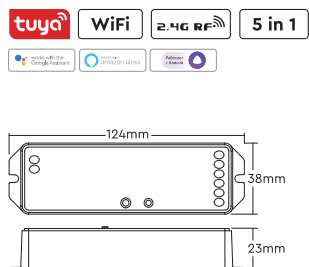| Model	Input Voltage	Total Output	Working Temp.	Control Method	Remote Control Distance
FUT035Z-P ~ FUT039Z-P	DC12V~24V	Max 12A	-20~45°C	Zigbee 3.0	100m(open area)

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.
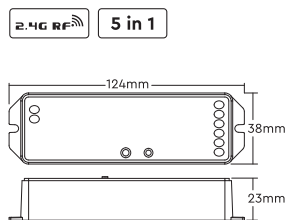
2.4G 5 IN 1 LED CONTROLLER

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-Box1)
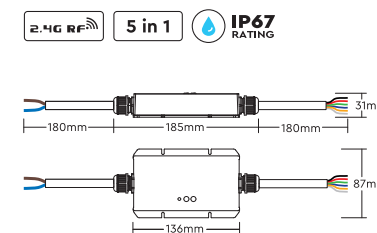

WIFI+2.4G 5 IN 1 LED CONTROLLER

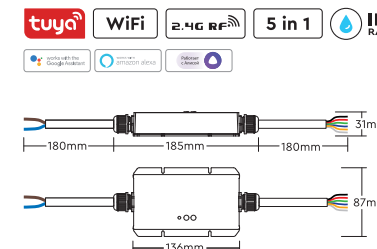| Model	Input Voltage	Output	Total Output	Working Temp.	Control Method	Remote Control Distance
WL5	DC12V~24V	6A/Channel	Max 15A	-20~60°C	WiFi+2.4G	30m

Difference between LS2 & WL5

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

WATERPROOF 5 IN 1 LED CONTROLLER

For outdoor application, IP67 waterproof

2.4G WATERPROOF 5 IN 1 LED CONTROLLER

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

WIFI+2.4G WATERPROOF 5 IN 1 LED CONTROLLER

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.

tuya | WiFi | 2.4G RF

75W WiFi+2.4G DIMMING LED DRIVER

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
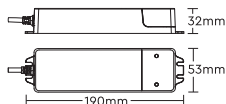
32mm
53mm
190mm

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⎓	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.

tuya | WiFi | 2.4G RF

IP67 RATING

150W WiFi+2.4G WATERPROOF DIMMING LED DRIVER

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
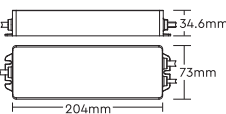
34.6mm
73mm
204mm

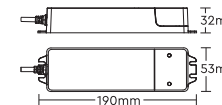| Model	Power	Input Voltage	Output Voltage	Output Current	Working Temp.	Control Method	Remote Control Distance
WP1-P150V24 ~ WP5-P150V24	150W	100-240V~ 50/60Hz	24V⎓	Max 6.25A	ta 40°C tc 85°C	WiFi+2.4G	30m

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.

2.4G RF

75W 2.4G DIMMING LED DRIVER

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

32mm
53mm
190mm

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

2.4G RF

60W 2.4G DIMMING LED DRIVER

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
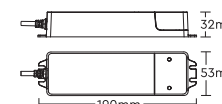
32mm
53mm
190mm

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

NO
· Needs to purchase **controller** and **power supply** separately
· One 60W power supply Link up to 20 spotlights at most

Connecting line (purchase separately)
Connecting line (purchase separately)

YES
· Needs to purchase **Power supply** only
· One 60W dimming LED Driver link up to 20 spotlights at most

Model: CL1-P60V12 ~ CL4-P60V12

Connecting line (purchase separately)
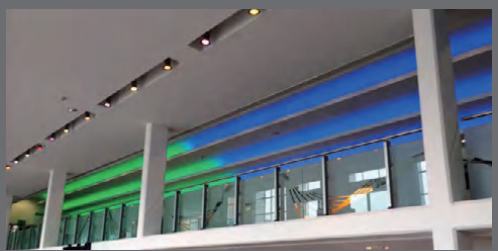Connecting line (purchase separately)

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)

MiBOXER® | Mi·Light
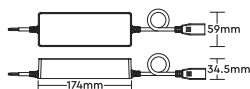Subordinate New Brand

HIGH VOLTAGE DIMMING LED DRIVER

- Safety
- Reliable
- For outdoor project

Single Color Dimming LED Driver (High Voltage)

2.4G RF

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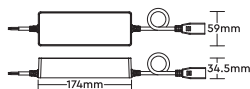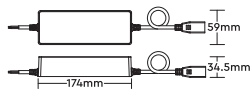- Overload Protection: limited power

59mm
34.5mm
174mm

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

Dual White Dimming LED Driver (High Voltage)

2.4G RF

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

59mm
34.5mm
174mm

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

RGB Dimming LED Driver (High Voltage)

2.4G RF

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

59mm
34.5mm
174mm

Model	Input Voltage	Output Voltage	Output Current	Rated Power	Efficiency	Control Method	Control Distance
HF3-P400V210	220-240V~ 50/60Hz	210V⎓	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)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Size(mm):	Φ80 * 17		

RGB+CCT

Full Touch RGB+CCT Remote

Model	FUT088
Color	White

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
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)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Group Number:	8-Zone	Size(mm):	47 * 19 * 153

RGB+CCT

4-Zone RGB+CCT Remote

Model	FUT092	JT092-B
Color	White	Black

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	20µA	Control Distance:	30m
Group Number:	4-Zone	Size(mm):	56 * 20 * 138

RGBW

4-Zone RGBW Remote

Model	FUT095
Color	White

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
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)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Group Number:	4-Zone	Size(mm):	52.5 * 21 * 120

Dual White

4-Zone Dual White Remote (Rotating Wheel)

Model	FUT006
Color	White

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

Dual White

4-Zone Dual White Remote (Full Button)

Model	FUT007
Color	White

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

RGB+CCT

Rainbow Remote

Model	S2-W	S2-B	S2-G
Color	White	Black	Grey

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Size(mm):	Φ70 * 24		

Dual White

Sunrise Remote

Model	S1-W	S1-B	S1-G
Color	White	Black	Grey

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Size(mm):	Φ70 * 24		

RGB+CCT

8-Zone RGB+CCT Panel Remote

Model	B8
Color	White

Working Voltage:	3V(AAA*2PCS)/DC3.3V	RF:	2.4GHz
Standby Power:	20µA	Control Distance:	30m
Group Number:	8-Zone	Size(mm):	106 * 146 * 20

RGB+CCT

RGB+CCT Panel Remote

Model	B0	B0-B
Color	White	Black

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Size(mm):	86 * 86 * 16		

Single Color

4-Zone Single Color Panel Remote

Model	B1	B1-B
Color	White	Black

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Group Number:	4-Zone	Size(mm):	86 * 86 * 16

Dual White

4-Zone Dual White Panel Remote

Model	B2
Color	White

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Group Number:	4-Zone	Size(mm):	86 * 86 * 16

RGBW
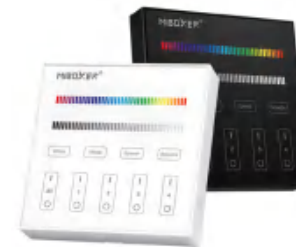
4-Zone RGBW Panel Remote

Model	B3	B3-B
Color	White	Black

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Group Number:	4-Zone	Size(mm):	86 * 86 * 16

RGB+CCT

4-Zone RGB+CCT Panel Remote

Model	B4	B4-B
Color	White	Black

Working Voltage:	3V(AAA * 2PCS)	RF:	2.4GHz
Standby Power:	15µA	Control Distance:	30m
Group Number:	4-Zone	Size(mm):	86 * 86 * 16

Single Color

4-Zone Single Color Panel Remote

Model	T1
Color	White

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

Dual White

4-Zone Dual White Panel Remote

Model	T2
Color	White

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

RGBW

4-Zone RGBW Panel Remote

Model	T3
Color	White

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

RGB+CCT
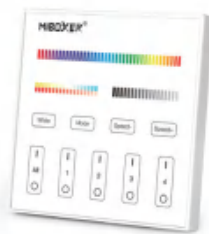
4-Zone RGB+CCT Panel Remote

Model	T4
Color	White

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

Dual White

Rotating Switch Panel Remote

Model	K1	K1-B
Color	White	Black

Working Voltage:	3V(CR2032)	RF:	2.4GHz
Standby Power:	<6μA	Control Distance:	30m
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
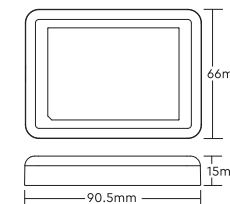
Model	Iuput Voltage	Transmitting Power	Working Temp.	Communication Mode	RF	Remote Control Distance
WL-Box1	DC5V/500mA (Micro USB)	6dBm	-20~60°C	WiFi-IEEE 802.11b/g/n 2.4GHz	2.4GHz	30m

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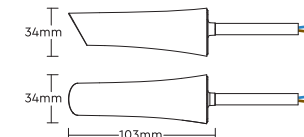
Model	Iuput Voltage	Transmitting Power	Standby Power Consumption	Working Temp.	IP Rate	Transmission Distance
RP1	100-240V~ 50/60Hz	6dBm	0.2W	-20~45°C	IP67	30m

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.

Signal transmitting & Modes synchronization

Signal transmitting & Modes synchronization

Distance 30m

Distance 30m
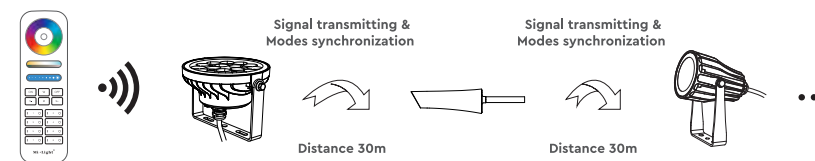
4/5-Channel High Performance Amplifier

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.
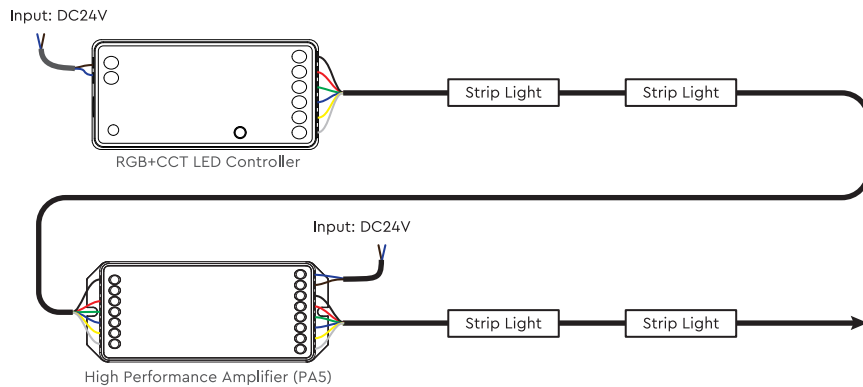
PA4

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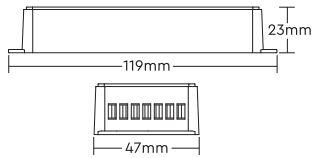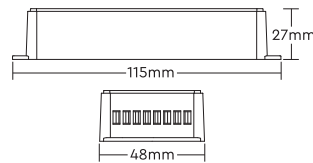
Model	Iuput/Output Voltage	Output Current	Total Output	Working Temp.	Switching Rate	Connection
PA4/PA5	DC12V/24V	6A/Channel	Max 15A	-20~60°C	10Mbps	Common anode

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

Input: DC24V

RGB+CCT LED Controller

Strip Light   Strip Light

Input: DC24V

High Performance Amplifier (PA5)

Strip Light   Strip Light

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 apperance 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.

49mm

25mm   49mm
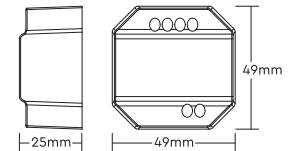
Model	Iuput Voltage	Output Voltage	Output Current	Output Power	Working Temp.	Dim Method	Control Distance
TRI-C1	AC100~240V 50/60Hz	AC100~240V	Max 1.36A	150W @110V 300W @220V	-10~40°C	RF wireless dimming Push dimming	30m

Connection Diagram

Input: AC100~240V

L
N

Push switch

Triac dimming LED light / Traditional filament lamp / Halogen lamp

MiBOXER® | Mi·Light
Subordinate New Brand
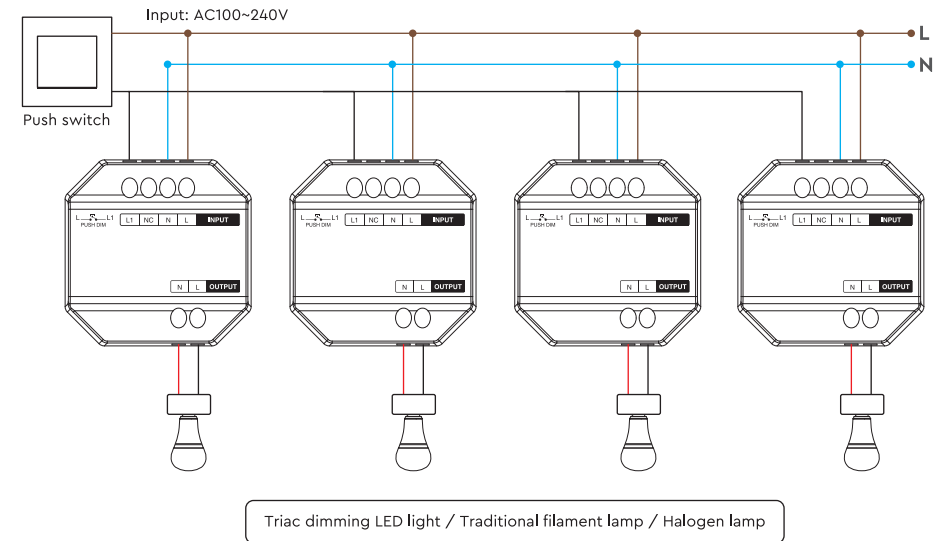
We offer bulbs in a variety of sizes, watts, and lumens, high-performance LED beads that are long lasting and energy efficient.

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 LIGHT BULB SERIES

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

Φ74mm
137mm

9W
960LM

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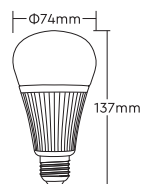
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT012	RGB+CCT	2700K~6500K	9W	107LM/W	2.4G	30m

5W E14 RGB+CCT LED Light Blub

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

Φ60mm
117mm

5W
450LM

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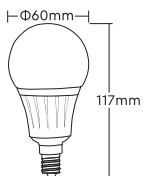
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT013	RGB+CCT	2700K~6500K	5W	90LM/W	2.4G	30m

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

Φ57mm
100mm

6W
550LM

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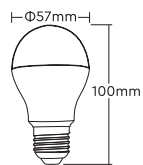
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT014	RGB+CCT	2700K~6500K	6W	95LM/W	2.4G	30m

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

Φ74mm
140mm

12W
1100LM

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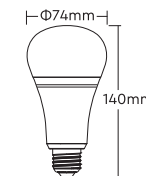
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT105	RGB+CCT	2700K~6500K	12W	90LM/W	2.4G	30m

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

Φ50mm
57mm

4W
320LM

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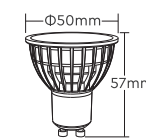
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT103	RGB+CCT	2700K~6500K	4W	80LM/W	2.4G	30m

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

Φ50mm
72mm

6W
550LM

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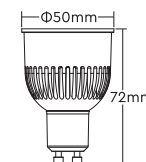
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT106	RGB+CCT	2700K~6500K	6W	90LM/W	2.4G	30m

4W MR16 RGB+CCT LED Spotlight

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

Φ50mm
49mm

4W
400LM

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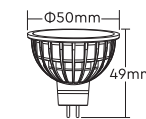
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT104	RGB+CCT	2700K~6500K	4W	100LM/W	2.4G	30m

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

Φ37.5mm
110mm

4W 320LM

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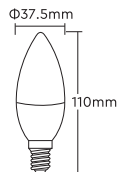
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT108	RGB+CCT	2700K~6500K	4W	80LM/W	2.4G	30m

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

Φ37.5mm
110mm

4W 400LM

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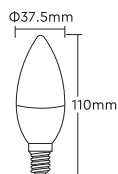
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT109	CCT	2700K~6500K	4W	100LM/W	2.4G	30m

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

Φ50mm
72mm

6W 580LM

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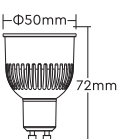
Model	Type	Color Temp.	Power	Luminous Efficiency	RF	Control Distance
FUT107	CCT	2700K~6500K	6W	95LM/W	2.4G	30m

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

Φ57mm
100mm

6W 500LM

A↑G F

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

Φ59.5mm
122.5mm

9W 850LM

A↑G F

| 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.
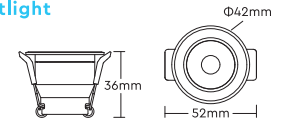
Application

Wardrobe, showroom, wine cabinet.

Model No.
CL1-P60V12
···
CL4-P60V12

Connecting line
(purchase separately)
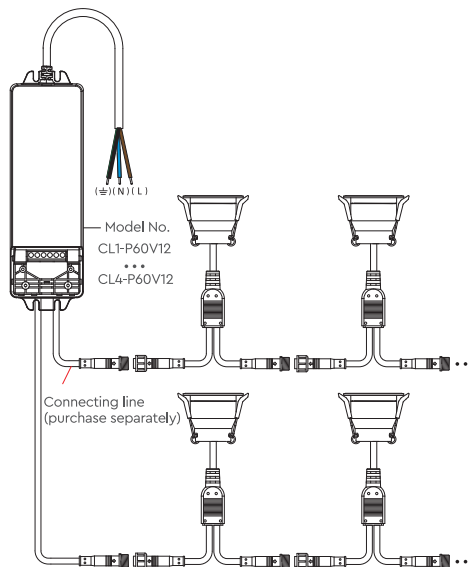
*NOTE: One LED driver supply can connect up to 20 spotlights

IP66 RATING

3W Single Color LED Spotlight

Input:	12V ---
Beam Angle:	36°
Working Temp.:	-10~40°C
Hole Size:	Φ33~36mm

Φ42mm 36mm 52mm

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:	Φ33~36mm

Φ42mm 36mm 52mm
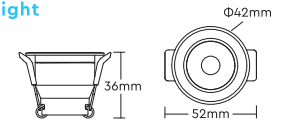
Model	Color Temp.	Power	Material	IP Rate
SL2-12	1800K~6500K 2700K~6500K	3W	Aluminium	IP66

IP66 RATING

3W RGB LED Spotlight

Input:	12V ---
Beam Angle:	36°
Working Temp.:	-10~40°C
Hole Size:	Φ33~36mm

Φ42mm 36mm 52mm
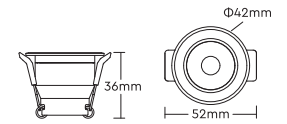
Model	Color Temp.	Power	Material	IP Rate
SL3-12	---	3W	Aluminium	IP66

IP66 RATING

3W RGBW LED Spotlight

Input:	12V ---
Beam Angle:	36°
Working Temp.:	-10~40°C
Hole Size:	Φ33~36mm

Φ42mm 36mm 52mm
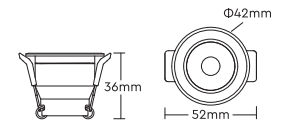
Model	Color Temp.	Power	Material	IP Rate
SL4-12	2200K/2700K	3W	Aluminium	IP66

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

Φ90mm
31mm
Hole Size: Φ70-75mm
6W

Φ108.3mm
37mm
Hole Size: Φ91-95mm
12W

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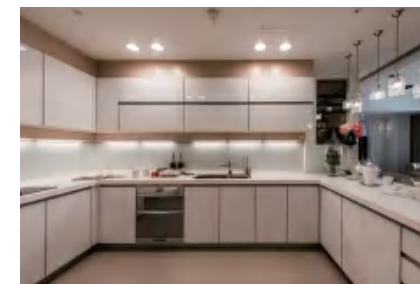
Model	Input	Color Temp.	Power	PF	Luminous Flux	Luminous Efficiency	Control Method
DW2-06A-RF	100-240V~ 50/60Hz	2700K~6500K	6W	>0.5	500LM	83LM/W	**2.4G** (Control Distance 30m)
DW2-12A-RF	100-240V~ 50/60Hz	2700K~6500K	12W	>0.5	1000LM	83LM/W	**2.4G** (Control Distance 30m)
DW2-06A-ZB	100-240V~ 50/60Hz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

6W RGB+CCT LED Downlight

Φ118mm
38mm
Hole Size: Φ90-95mm
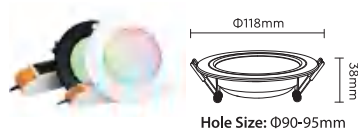
Model:	FUT068 / FUT068-B
Input:	100-240V~ 50/60Hz
Light Efficiency:	85LM/W
Color Temp.:	2700K~6500K
CRI:	>80
PF:	>0.5
Beam Angle:	120°
Working Temp.:	-20~60°C
Control Distance:	30m
Material:	Aluminium

6W 600LM

A↑G F

9W RGB+CCT LED Downlight

Φ138mm
40mm
Hole Size: Φ110-125mm
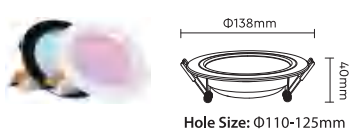
Model:	FUT061 / FUT061-B
Input:	100-240V~ 50/60Hz
Light Efficiency:	80LM/W
Color Temp.:	2700K~6500K
CRI:	>80
PF:	>0.5
Beam Angle:	120°
Working Temp.:	-20~60°C
Control Distance:	30m
Material:	Aluminium

9W 720LM

A↑G F

12W RGB+CCT LED Downlight

Φ118mm
40mm
Hole Size: Φ145-150mm
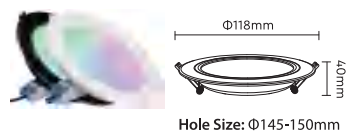
Model:	FUT066 / FUT066-B
Input:	100-240V~ 50/60Hz
Light Efficiency:	88LM/W
Color Temp.:	2700K~6500K
CRI:	>80
PF:	>0.5
Beam Angle:	120°
Working Temp.:	-20~60°C
Control Distance:	30m
Material:	Aluminium

12W 1100LM

A↑G F

18W RGB+CCT LED Downlight

Φ180mm
58mm
Hole Size: Φ150-160mm
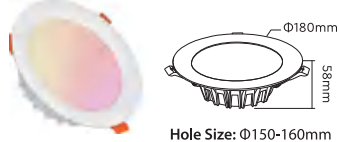
Model:	FUT065
Input:	100-240V~ 50/60Hz
Light Efficiency:	85LM/W
Color Temp.:	2700K~6500K
CRI:	>80
PF:	>0.5
Beam Angle:	120°
Working Temp.:	-20~60°C
Control Distance:	30m
Material:	Aluminium

18W 1500LM

A↑G F

25W RGB+CCT LED Downlight

Φ230mm
60mm
Hole Size: Φ200-210mm

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

A↑G F

15W RGB+CCT Waterproof LED Downlight

Φ190mm
50mm
Hole Size: Φ175-180mm

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

A↑G F

9W RGB+CCT LED Ceiling Spotlight

Φ135mm
50mm
Hole Size: Φ120-125mm

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

A↑G F

6W RGB+CCT Waterproof LED Downlight

Φ108mm
52mm
Hole Size: Φ100mm

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

A↑G G

9W RGB+CCT Square LED Downlight

120mm 120mm
35mm
Hole Size: 105*105mm

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

A↑G F

MiBOXER® | Mi·Light
Subordinate New Brand

2.4G ANTI-GLARE RGB+CCT DOWNLIGHT

Anti-glare range (shielding angle)>30°

114mm
Φ94mm
65mm

Hole Size: Φ80-85mm

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

A↑G **F**

135mm
Φ114mm
69mm

Hole Size: Φ95-100mm

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

A↑G **F**

Φ140mm
97mm

Hole Size: Φ120-125mm

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

A↑G **G**

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

IP66 RATING   **6W** 550LM   A↑G **F**

Φ60mm · 84mm · 108mm · 71mm · 6mm · 158mm · Φ36mm

9W RGB+CCT LED Garden Light (DC24V)

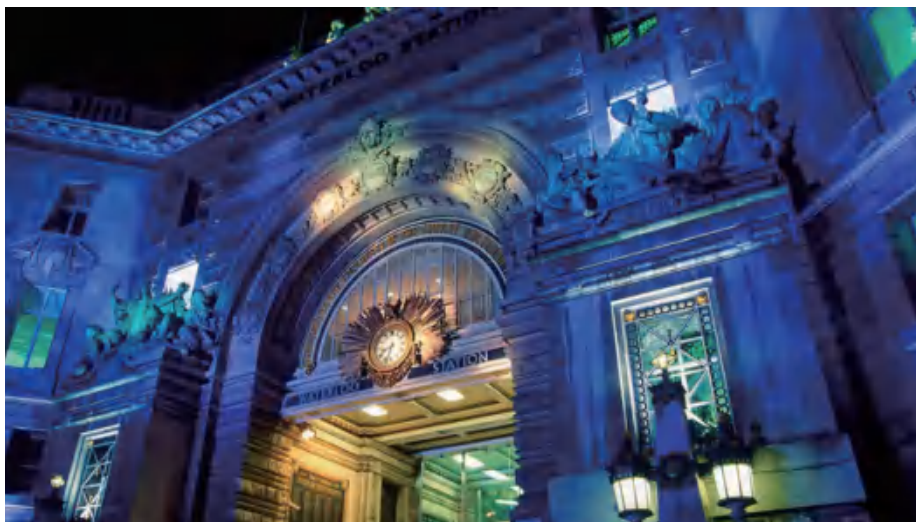|	
Model:	FUTC01
Input:	24V⎓
Light Efficiency:	100LM/W
Color Temp.:	2700K~6500K
CRI:	>80
Beam Angle:	15°
Working Temp.:	-20~45°C
Control Distance:	30m
Illumination Distance:	>10m

IP66 RATING   **9W** 900LM   A↑G **E**

16.5mm · 82mm · 116mm · 133mm · 50.2mm · 6mm · 158mm · Φ36mm

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

IP66 RATING   **9W** 900LM   A↑G **F**

16.5mm · 82mm · 116mm · 133mm · 50.2mm · 6mm · 158mm · Φ36mm

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

IP66 RATING   **15W** 1500LM   A↑G **F**

151mm · 112.5mm · 170mm · 51mm · 161.5mm · Φ35mm

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

IP66 RATING   **18W** 1500LM   A↑G **F**

18mm · 134mm · 104.5mm · 150mm · 76.8mm · 6mm · 158mm · Φ36mm

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

IP66 RATING   **25W** 2100LM   A↑G **F**

151mm · 112.5mm · 170mm · 65mm · 161.5mm · Φ35mm

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

IP65 RATING   **50W** 4000LM   A↑G **F**

248mm · 51mm · 269mm · 323mm

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

IP65 RATING   **100W** 7500LM   A↑G **F**

330mm · 60mm · 345mm · 415mm
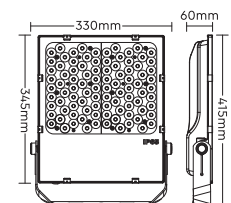
6W RGB+CCT LED Garden Light (DC24V)

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

Φ60mm   Φ36mm   6mm

84mm   71mm   108mm   158mm

IP66 RATING

6W 550LM

A↑G E

2000mm
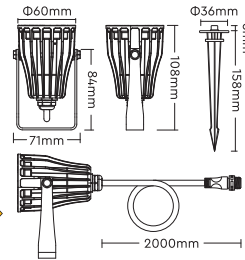
6W RGB+CCT LED Garden Light+Power Cable Kit

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

IP66 RATING

6W 550LM

A↑G E

Switching Power Supply

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

Φ60mm   Φ36mm   6mm   84mm   71mm   8mm

2000mm

15mm   58mm   28mm

54mm   121mm   2m   3m

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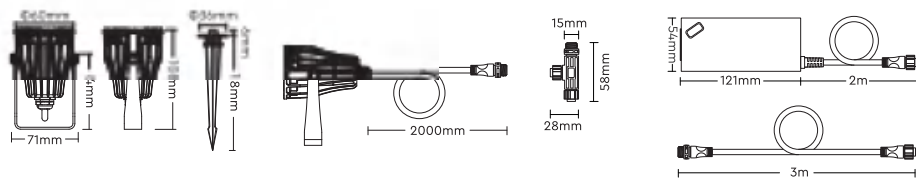
Name	6W RGB+CCT LED garden light	Anti corrosion garden spike	Switching power supply	Power cable	Male to female extension cable	T type cable connector 2 pin	FUT088 Remote controller	Manual
Quantity	3 PCS	3 PCS	1 PC	1 PC	2 PCS	2 PCS	1 PC	1 PC

MiBOXER® | **Mi·Light**
Subordinate New Brand

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 SERIES

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 (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

IP65 RATING
10W 1150LM
A↑G E

107mm · 32mm · 140mm · 166mm
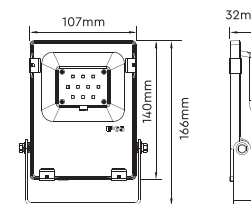
20W RGB+CCT LED Floodlight

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

IP65 RATING
20W 2300LM
A↑G F

152mm · 40mm · 190mm · 216.5mm

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

IP65 RATING
10W 1000LM
A↑G F

107mm · 32mm · 140mm · 166mm
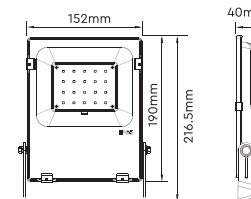
30W RGB+CCT LED Floodlight

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

IP65 RATING
30W 3300LM
A↑G F

167mm · 40mm · 200mm · 226.5mm
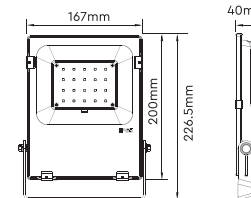
50W RGB+CCT LED Floodlight

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

IP65 RATING

50W 4800LM

A↑G F
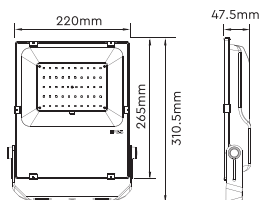
220mm
265mm
310.5mm
47.5mm

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

IP65 RATING

100W 10000LM

A↑G F
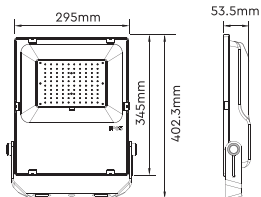
295mm
345mm
402.3mm
53.5mm

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

IP65 RATING

200W 18400LM

A↑G F
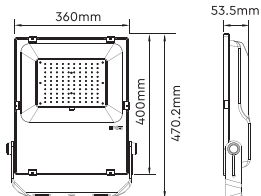
360mm
400mm
470.2mm
53.5mm

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

IP66 RATING

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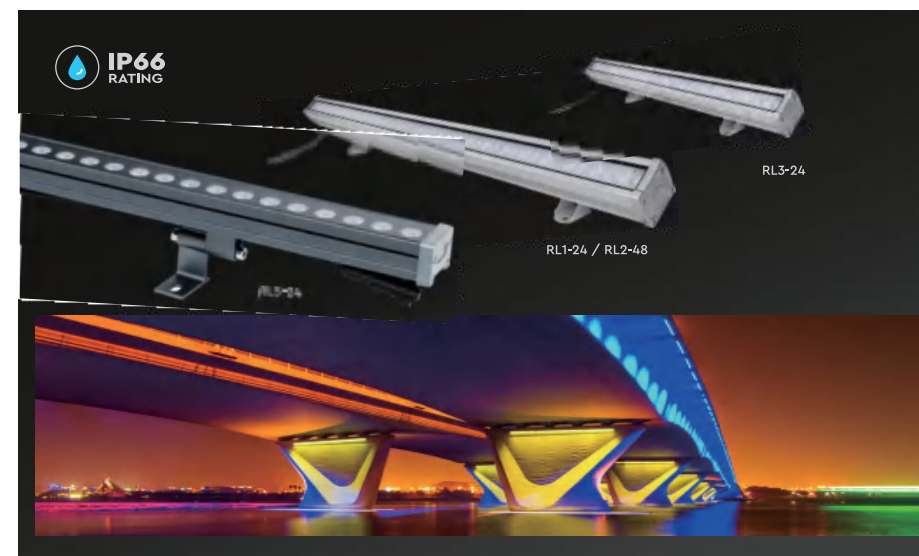
Model	Input	Power	PF	Luminous Flux	Luminous Efficiency	Beam Angle	Size
RL1-24	100-240V~ 50/60Hz	24W	>0.9	1800LM	75LM/W	15*60°	1017*62*64mm
RL2-48	100-240V~ 50/60Hz	48W	>0.9	3200LM	65LM/W	15*60°	1017*62*64mm
RL3-24	100-240V~ 50/60Hz	24W	>0.9	1600LM	66LM/W	15*60°	521*62*64mm
RL5-24	24V⎓	24W	---	1600LM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

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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.

DMX512 SERIES

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	

1020mm
64mm
57mm
62mm

IP66 RATING

A↑G **G**
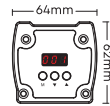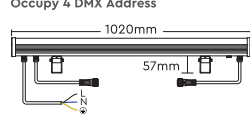
72W RGB+CCT LED Wall Washer Light (DMX512 & RDM)

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	

1020mm
64mm
57mm
62mm

IP66 RATING

A↑G **G**
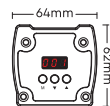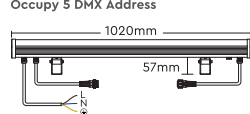
50W RGB+CCT LED Garden Light

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	

248mm
51mm
269mm
323mm
IP66

IP65 RATING **50W 4000LM** A↑G **F**
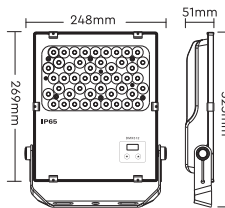
100W RGB+CCT LED Garden Light

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	

330mm
60mm
345mm
415mm
IP65

IP65 RATING **100W 7500LM** A↑G **F**
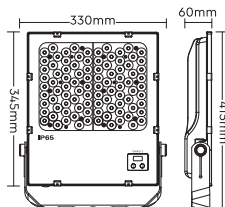
DMX512 Master(Single Color)

86mm
86mm
48mm
26mm
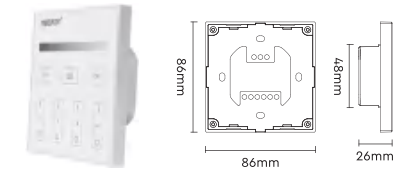
Model No.:	X1
Input Voltage:	100-240V~ 50/60Hz
Output:	DMX512 + 2.4G Wireless
RF Transmitting Power:	6dBm
Working Temp.:	-20~45°C

DMX512 Master(Color Tempertature)

86mm
86mm
48mm
26mm
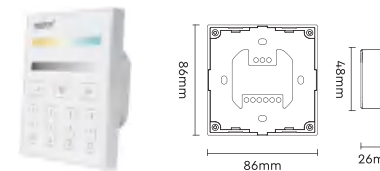
Model No.:	X2
Input Voltage:	100-240V~ 50/60Hz
Output:	DMX512 + 2.4G Wireless
RF Transmitting Power:	6dBm
Working Temp.:	-20~45°C

DMX512 Master(RGB)

86mm
86mm
48mm
26mm
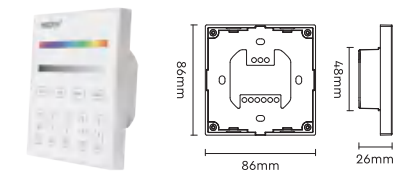
Model No.:	X3
Input Voltage:	AC100~240V 50/60Hz
Output:	DMX512 + 2.4G Wireless
RF Transmitting Power:	6dBm
Working Temp.:	-20~45°C

DMX512 Master(RGBW)

86mm
86mm
48mm
26mm
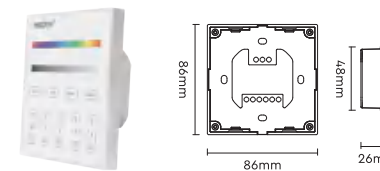
Model No.:	X4
Input Voltage:	AC100~240V 50/60Hz
Output:	DMX512 + 2.4G Wireless
RF Transmitting Power:	6dBm
Working Temp.:	-20~45°C

DMX512 Master(RGB+CCT)

86mm
86mm
48mm
26mm
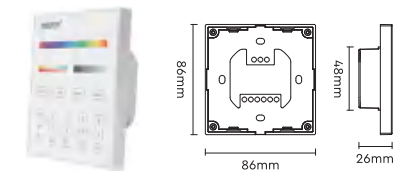
|	
Model No.:	X5
Input Voltage:	AC100~240V 50/60Hz
Output:	DMX512 + 2.4G Wireless
RF Transmitting Power:	6dBm
Working Temp.:	-20~45°C
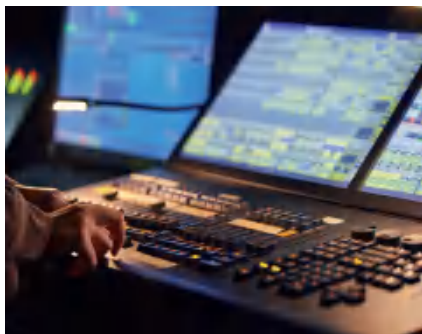
1-Channel
Constant Voltage DMX512 & RDM Decoder

49mm
130mm
27mm
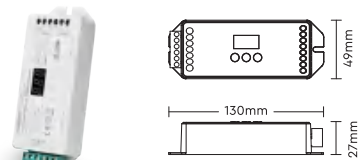
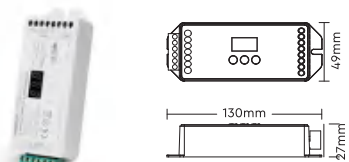|	
Model No.:	D1-CX
Input Voltage:	12V~24V
Output Current:	20A/Channel
Total Output Current:	Max 20A
Input Signal:	DMX512, RDM
Working Temp.:	-20~45°C

2-Channel
Constant Voltage DMX512 & RDM Decoder

49mm
130mm
27mm
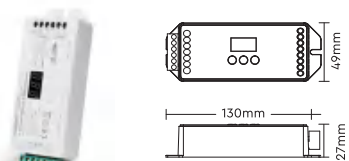
Model No.:	D2-CX
Input Voltage:	12V~24V
Output Current:	10A/Channel
Total Output Current:	Max 20A
Input Signal:	DMX512, RDM
Working Temp.:	-20~45°C

3-Channel
Constant Voltage DMX512 & RDM Decoder

49mm
130mm
27mm
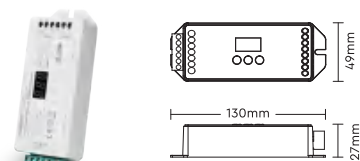
Model No.:	D3-CX
Input Voltage:	12V~24V
Output Current:	6A/Channel
Total Output Current:	Max 18A
Input Signal:	DMX512, RDM
Working Temp.:	-20~45°C

4-Channel
Constant Voltage DMX512 & RDM Decoder

49mm
130mm
27mm

Model No.:	D4-CX
Input Voltage:	12V~24V
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

49mm
130mm
27mm
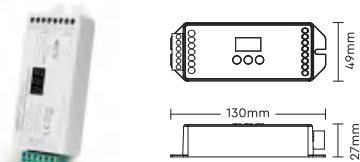
Model No.:	D5-CX
Input Voltage:	12V~24V
Output Current:	4A/Channel
Total Output Current:	Max 20A
Input Signal:	DMX512, RDM
Working Temp.:	-20~45°C

DMX 512 LED Transmitter

188mm
47mm
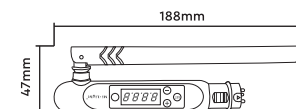
Model	Input	RF Transmitting Power	RF	Input Signal	Control Distance
FUTD01	DC5V / 500mA	6dBm	2.4G	DMX512	30m

Connect

2.4GHz RF
Transmission Tech

DMX512 Console

DMX512 LED Transmitter

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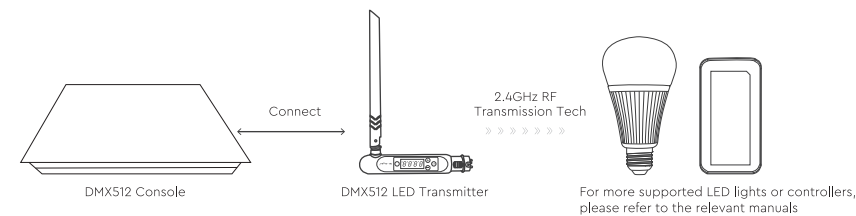
DALI SERIES

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

59mm
92.5mm
36mm
35mm
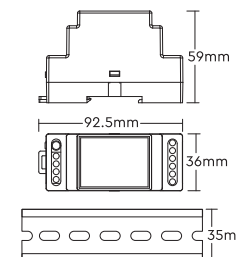
DIN-Rail mounting size:
TS-35/7.5 or TS-35/15
(Purchasing separately)

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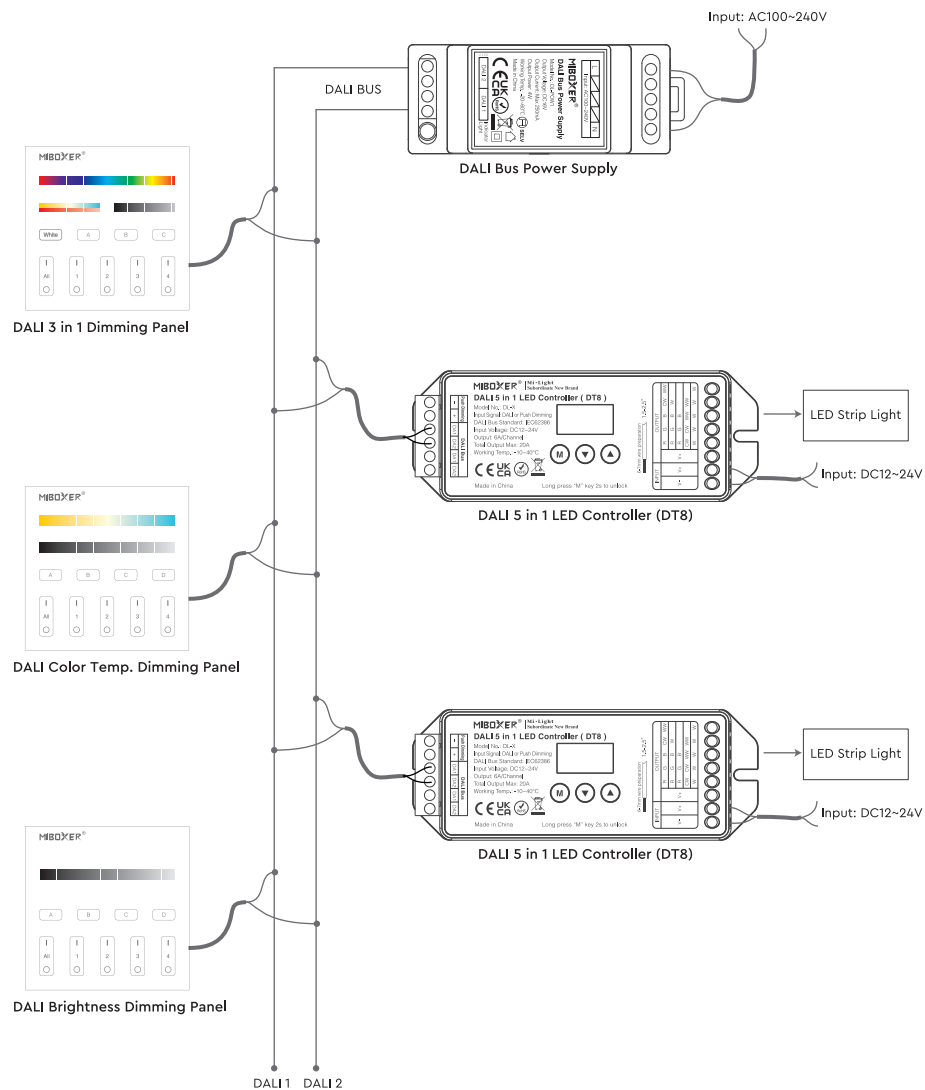
- 16 millions of colors to choose
- Color temperature adjustable
- Dim brightness / Saturation

49mm
27mm
130mm
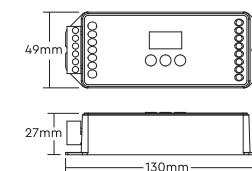
Model	Iuput Voltage	Input Signal	DALI Bus Standard	Output	Total Output Max	Working Temp.
DL-X	DC12~24V	DALI Signal or Push Dimming	IEC62386	6A/Channel	20A	-10~40°C

Support DT8 type
Tc / xy coordinates / RGBWAF

DALI BUS

Input: AC100~240V

DALI Bus Power Supply

DALI 3 in 1 Dimming Panel

DALI Color Temp. Dimming Panel

DALI Brightness Dimming Panel

DALI 5 in 1 LED Controller (DT8)

LED Strip Light

Input: DC12~24V

DALI 5 in 1 LED Controller (DT8)

LED Strip Light

Input: DC12~24V

DALI 1   DALI 2

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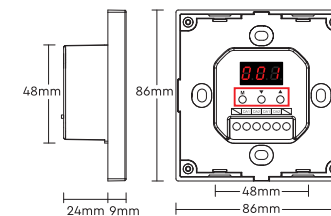
- DALI Standard Protocol IEC62386
- Sensitive Touching
- LED Night Indicator
- Scratch Resistance
- The address can be set by pressing the key

48mm   86mm

24mm 9mm   48mm
86mm

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)			

DP1S DALI
DALI Dimming

DP2S DALI 2
DALI Color Temp. (DT8)

### DP3S DALI 2
DALI 3 in 1 (DT8)

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.

2.4G RF

- 16 Millions colors
- Saturation adjustable
- Third party voice control (need 2.4GHz Gateway WL-Box1)

- 2.4GHz remote control
- Color temp. adjustable

- App control (need 2.4GHz Gateway WL-Box1)
- Dim brightness
- DMX512 control (need transmitter FUTD01)
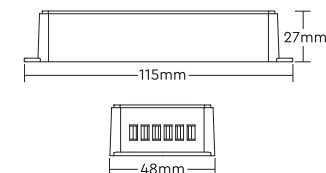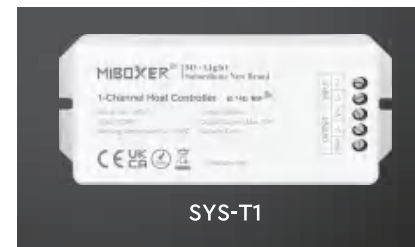
SYS-T1

27mm
115mm
48mm

Model	Iuput 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 1 Channel Host Controller". It can amplify the signal from "SYS-T1 Controller" to connect more LED lamps, and synchronously control more lamps. When you add one more amplifier, you can connect double LED lamps.
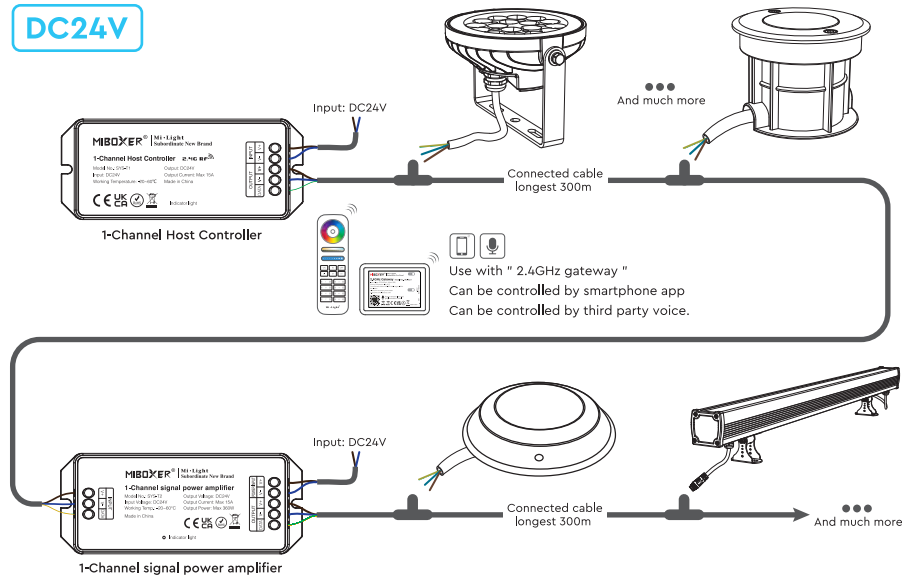
Note: When using "SYS-T1 controller", you need to add "SYS-T2 1-channel signal amplifier" for below 3 situations.
- Connecting over 50pcs lights
- Connected cable length over 300m
- Output power over 360W

SYS-T2

27mm
115mm
48mm
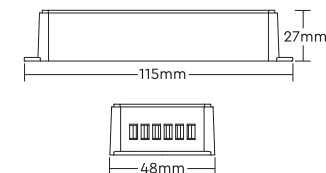
Model	Iuput Voltage	Output Voltage	Output Current	Output Power	Working Temp.
SYS-T2	DC24V	DC24V	Max 15A	Max 360W	-20~60°C

Connection Diagram

DC24V

Input: DC24V

And much more

1-Channel Host Controller
Model No: SYS-T1
Input: DC24V
Working Temperature: -40~60°C
Output: DC24V
Output Current Max 15A
Made in China

Indicator light

1-Channel Host Controller

Connected cable longest 300m

Use with " 2.4GHz gateway "
Can be controlled by smartphone app
Can be controlled by third party voice.

Input: DC24V

1-Channel signal power amplifier
Model No: SYS-A1
Input Voltage: DC24V
Working Temp: -20~40°C
Made in China
Output Voltage: DC24V
Output Current Max 15A
Output Power Max 360W

Indicator light

1-Channel signal power amplifier

Connected cable longest 300m

And much more

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

IP66 RATING
9W 900LM
A↑G E

Φ36mm
6mm
116mm
82mm
158mm
133mm
50.2mm 16.5mm

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
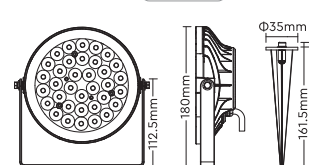
IP66 RATING
15W 1500LM
A↑G E

Φ35mm
6mm
180mm
112.5mm
170mm
51mm
161.5mm

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
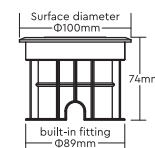
IP68 RATING
5W 350LM
A↑G G

Surface diameter
Φ100mm
74mm
built-in fitting
Φ89mm

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
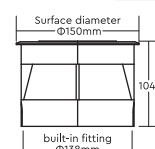
IP68 RATING
9W 700LM
A↑G E

Surface diameter
Φ150mm
104mm
built-in fitting
Φ138mm

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

IP68 RATING
15W 1100LM
A↑G F

Φ220mm
50mm

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

IP66 RATING
24W 1800LM
A↑G F

64mm 62mm
1017mm

MiBOXER® | **Mi·Light**
Subordinate New Brand

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

433MHZ LORA SERIES

24W RGB+CCT LED Wall Washer Light

LoRa

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

A-G **G**

59mm · 1017mm · 57mm · 64mm · 62mm
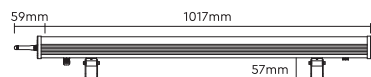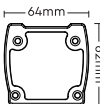
48W RGB+CCT LED Wall Washer Light

LoRa

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

A-G **G**

59mm · 1017mm · 57mm · 64mm · 62mm
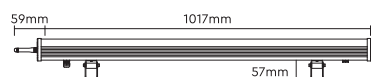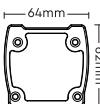
15W RGB+CCT Wall-mounted Underwater Light

LoRa

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

A-G **F**

Φ220mm · 50mm
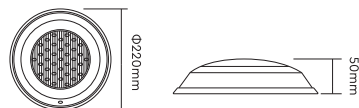
27W RGB+CCT Wall-mounted Underwater Light

LoRa

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

A-G **F**

Φ300mm · 70mm
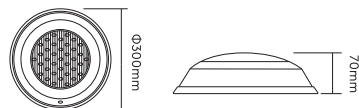
9W RGB+CCT LED Underwater Light

LoRa

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)

Φ150mm · 125mm · Φ119mm

IP68 RATING

9W 600LM

A-G **E**
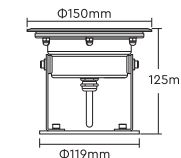
27W RGB+CCT PAR56 LED Pool Light

LoRa

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)

Φ177mm · 102mm

IP68 RATING

27W 2600LM

A-G **F**
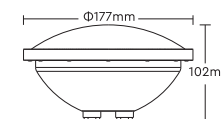
18W RGB+CCT PAR56 LED Pool Light

LoRa

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)

Φ177mm · 108mm

IP68 RATING

18W 1800LM

A-G **E**
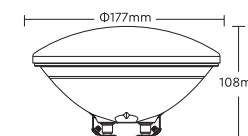
9W RGB+CCT LED Underground Light

LoRa

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

Φ150mm · 104mm · Φ138mm

IP68 RATING

9W 600LM

A-G **E**
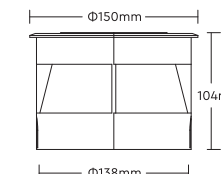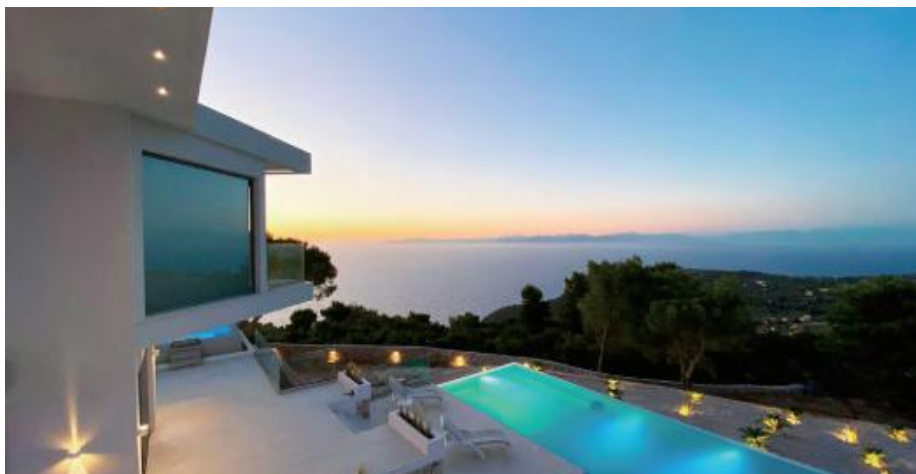
25W RGB+CCT LED Garden Light

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

IP66 RATING

25W 2100LM

A↑G F

151mm
112.5mm
170mm
65mm
Φ35mm
161.5mm
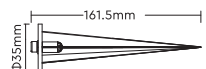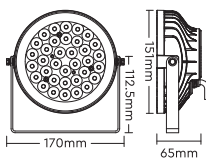
50W RGB+CCT LED Garden Light

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

IP65 RATING

50W 4000LM

A↑G F

248mm
269mm
323mm
51mm

RGB+CCT LED Controller

37.5mm
22mm
119mm
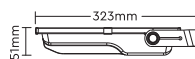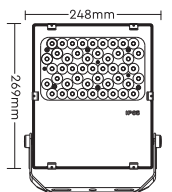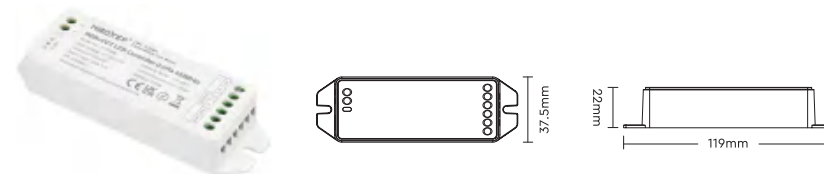
Model	Input	Output	Total Output	Modulation Method	Control Distance
FUT039L	12V~24V ⎓	6A/Channel	Max 12A	LoRa spread spectrum	500m

8-Zone 433MHz Remote Controller

197.5mm
47mm
19mm
24mm
53mm
78mm
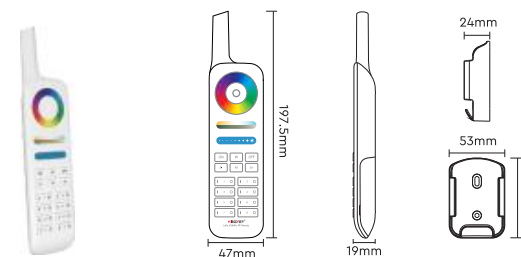
Model	Working Voltage	Power	Modulation Method	Control Distance
FUT086	3V (AAA * 2PCS)	RF Transmitting Power: 10dBm Standby Power Consumption: 16µA	LoRa spread spectrum	50m (Lamps into 0.5m underwater) 1000m (Lamps on the open area)

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

48mm
27mm
118mm
182mm
Φ30mm
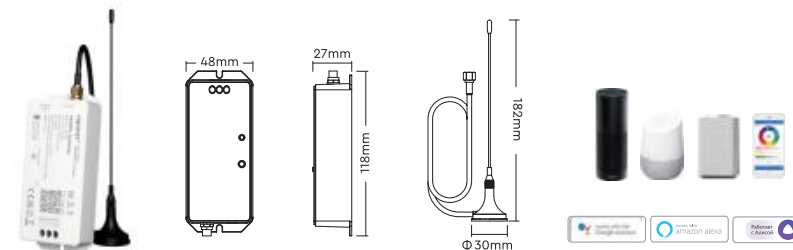
Model	Input	Input Signal	Communication Mode	Modulation Method	Control Distance
WL-433	DC5V/500mA	DMX512 (1990)	WiFi-IEEE 802.11b/g/n 2.4GHz	LoRa spread spectrum	50m (Lamps into 0.5m underwater) 1000m (Lamps on the open area)