# 26 style Magnetic Floodlight (RGB+CCT)

## Product Feature

- Brightness and RGB+color temperature adjustable
- 4096 smooth dimming level, mini brightness 0.1%
- Control Distance:30m
- Control multi lights at the same time
- Signal auto transmitting: transmit signal to each lights and unlimited control distance
- Auto synchronization: every light can transimit signal to each other automatically while those lights are in same dynamic mode
- Have DND function, usually used in power failure area to save power
- Support "TUAY SMART" APP control ( need to connect with 2.4G gateway)
- Support Alexa,Google Assistant,Yandex Alice, ( need to connect with 2.4G gateway)
- 48V low voltage with simple magnetic installation

## Product Parameter

| Model No. | FR5-12B | FR5-24B | GR5-10B | GR5-20B | AR5-06B | LR5-06B | LR5-12B | LR5-25B |
|---|---|---|---|---|---|---|---|---|
| Power | 12W | 24W | 10W | 20W | 6W | 6W | 12W | 25W |
| Type | RGB+CCT | | | | | | | |
| Communication Protocol | 2.4G RF | | | | | | | |
| Input Voltage | 48V --- | | | | | | | |
| Working Temp. | -10~40°C | | | | | | | |
| CRI | >80 | | | | | | >90 | |
| Light Efficiency (LM/W) | 75 | 75 | 65 | 75 | 75 | 72 | 82 | 75 |
| Luminous Flux (LM) | 800 | 1650 | 440 | 900 | 400 | 420 | 1000 | 1800 |
| Color Temp. | 2700K~6500K | | | | | | | |
| Beam Angle | 120° | | 24° | | | 30° | | |
| Zigbee Control Distance | — | | | | | | | |
| 2.4G RF Control Distance | 25m | | | | | 30m | | |

| | | | |
|---|---|---|---|
| IP rate: | IP20 | EMC Standard (EMC): | ETSI EN 301 489-1  V2.2.3<br>ETSI EN 301 489-3  V2.3.2 |
| Working Temp.: | -10~40°C | | |
| Dimming Level: | 4096 | Security Standard(LVD): | ET IEC 60598-1:2021+A11:2022<br>EN 60598-2-2: 2012<br>EN IEC 62031:2020+A11:2021<br>EN 62498:2015+A1:2022 |
| Dimming Range: | 0.1~100% | | |
| Dimming Curve: | logarithm | Radio equipment(RED): | ETSI EN 300 400 V2.2.1 |
| Certification: | CE、EMC、LVD、RED | | |

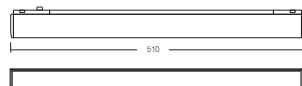## Magnetic Grille Light

Model No.: GR2-10B

Model No.: GR2-20B

257

510

20

60

26
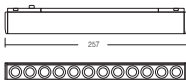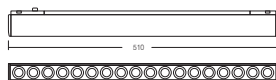
Unit: mm

## Magnetic Floodlight

Model No.: FR2-12B

Model No.: FR2-24B

257

510

20

60

26

Unit: mm

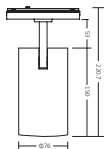## Foldable Magnetic Grille Light

Model No.: A2-12B

235

180°

26

20

55

60

34
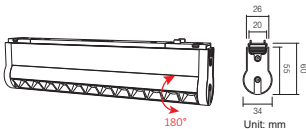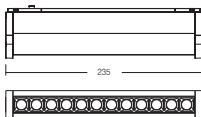
Unit: mm
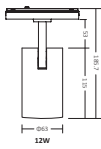
## Magnetic Spotlight

Model No.: LR2-25B

Model No.: LR2-12B

Model No.: LR2-06B

51

230.7

150

Φ76

**25W**

51

180.7

110

Φ63

**12W**

51

130.7

90

Φ51

**6W**

123

13.4

17.7
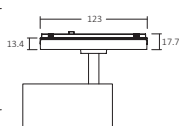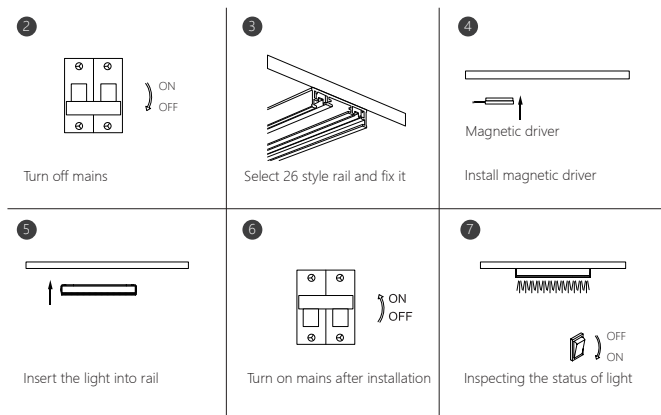
26

20
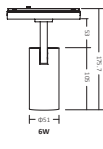
Unit: mm

# Installation Tips

Please read instruction before installing it, you can contact with our service center if there is any technical issue

② Turn off mains

ON
OFF

③ Select 26 style rail and fix it

④ Install magnetic driver

Magnetic driver

⑤ Insert the light into rail

⑥ Turn on mains after installation

ON
OFF

⑦ Inspecting the status of light

OFF
ON

Lighting source can not be replaced, please buy new light if the light is over lifetime

# Auto-forwarding & Auto-synchronization

## Remote control signal auto-forwarding

The remote control signal received by the host will be forwarded to another host within 30m, making the control distance infinite.
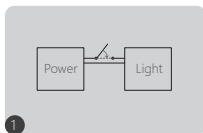
## Dynamic mode auto-synchronization

In the same dynamic mode, the lamps will be automatically synchronized so that the dynamic effects are always consistent.
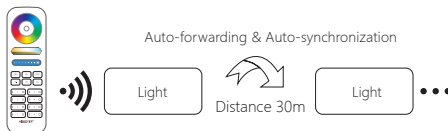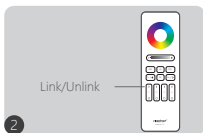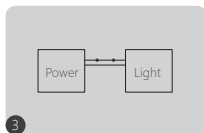
Auto-forwarding & Auto-synchronization

Light

Distance 30m

Light

• • •

# Link/Unlink

**1** turn off light 10 seconds and turn on again

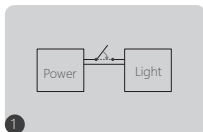**2** short press " | " 3 times within 3 seconds

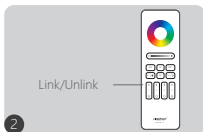**3** link is done once light flashes 3 times slowly

⚠ Link is failed if light doesn't flash, please repeat above steps
(Attention: can not link again if remote already finished linking)

## Unlink:



**1** turn off light 10 seconds and turn on again

**2** short press " | " 5 times within 3 seconds
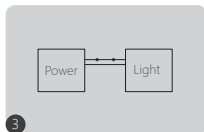
**3** link is done once light flashes 10 times quickly

⚠ Unlink is faild if light doesn't flash, please repeat above steps
(Attention: no need to unlink if the light never be linked)

# Compatible Remote ( purchase separately)



B8

B0

B3 / B3-B / T3

B4 / B4-B / T4

S2-B / S2-W
S2-G

S2W+

S1W+

FUT100

FUT089
FUT089-B

C5

FUT092
FUT092-B

FUT088

FUT096
FUT096-B

WL-Box1

FUTD01

# Dynamic mode table selection

Select dynamic mode table 1: While the light is in static mode, short press " S+ " button 5 times quickly until blue light flashes 3 times slowly.

Select dynamic mode table 2: While the light is in static mode, short press " S- " button 5 times quickly until yellow light flashes 3 times slowly.

## Dynamic mode table 1 (default)

| Number | Dynamic Mode | Brightness / Saturation / Speed |
|--------|--------------|--------------------------------|
| 1 | Mardi Gras | |
| 2 | Automatic color change | |
| 3 | Sam | |
| 4 | Gemstone | |
| 5 | Twilight | Adjustable |
| 6 | American | |
| 7 | Fat Tuesday | |
| 8 | Party | |
| 9 | Slow Color Splash | |

## Dynamic mode table 2 (need to switch manually)

| Number | Dynamic Mode | Brightness / Saturation / Speed |
|--------|--------------|--------------------------------|
| 1 | Colors gradual change | |
| 2 | White light Gradual change | |
| 3 | RGB gradual change | |
| 4 | Seven colors jump to change | |
| 5 | Jump to change randomly | Adjustable |
| 6 | Red light gradual change +Flash 3 times | |
| 7 | Green light gradual change +Flash 3 times | |
| 8 | Blue light gradual change +Flash 3 times | |
| 9 | White light gradual change +Flash 3 times | |

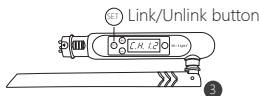# DMX512 LED Transmitter Control <span style="color:red">(Purchased separately)</span>
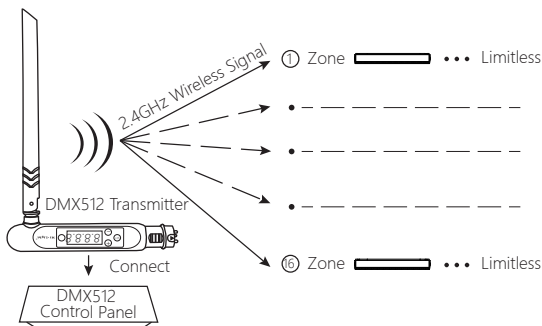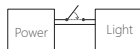


## DMX512 LED Transmitter Link/Unlink

1. Follow instruction of DMX512 transmitter (FUTD01), Choose the zone for the light by pressing " + " or " - " (e.g. "CH12" means zone 12)
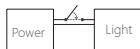


### Link
Power off the light 10 seconds and power on

Short press " SET " 3 times within 3 seconds while the light is On

Link is done while the light flashes 3 times slowly

### Unlink
Power off the light 10 seconds and power on

Short press " SET " 5 times within 3 seconds while the light is On

Unlink is done while the light flashes 10 times quickly

⚠ If the link or unlink failed, please follow the above steps again.

# DND mode ON/OFF ( factory default is ON)

**Turn ON DND:**

Short press "OFF" 3 times within 3 seconds and short press "ON" 3 times, DND mode is activated if the light flashes 4 times quickly
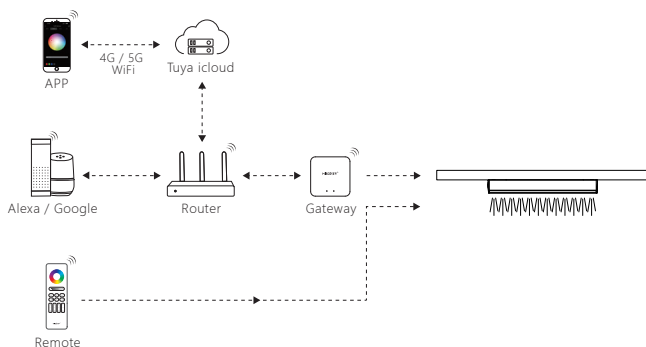
Attention: The status of light ( ON or OFF) is same as turn on or off mains

**Turn off DND**

Short press "ON' 3 times within 3 seconds and short press "OFF" 3 times, DND mode is shut down if the light flashes 4 times slowly

Attention: The light is always ON if turn on or off mains

# Connection Diagram



# Attention

1.Please ensure that voltage, N and L are correct connection, it will damage the light with wrong wiring

2.Please turn off mains before wiring cable and ensure that connection don't have any problem like short circuit

3.Don't disassemble it if you are not expert

4.Don't use it near magnetic or metal area, it will affect signal and reduce distance.