

26 style Magnetic Floodlight (RGB+CCT)

Model No.: FZ5-12B/ FZ5-24B

Product Feature

- ZIGBEE3.0 standard protocol
- 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 transmit 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

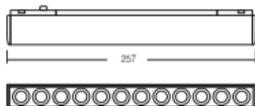
Product Parameter

								
Model No.	FZ5-12B	FZ5-24B	GZ5-10B	GZ5-20B	AZ5-06B	LZ5-06B	LZ5-12B	LZ5-25B
Power	12W	24W	10W	20W	6W	6W	12W	25W
Type	RGB+CCT							
Communication Protocol	Zigbee 3.0 + 2.4G RF							
Input Voltage	48V $\overline{\text{---}}$							
Working Temp.	-10~40°C							
CRI	>80							>90
Light Efficiency (LM/W)	75	75	80	75	75	86	93	79
Luminous Flux (LM)	800	1650	800	1530	400	520	110	2000
Color Temp.	2700K~6500K							
Beam Angle	120°		24°			30°		
Zigbee Control Distance	—							
2.4G RF Control Distance	25m					30m		

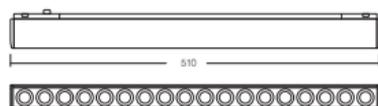
IP rate:	IP20	EMC Standard (EMC):	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.3.2
Working Temp.:	-10~40°C	Security Standard(LVD):	ET IEC 60598-1:2021+A11:2022 EN 60598-2-2: 2012 EN IEC 62031:2020+A11:2021 EN 62498:2015+A1:2022
Dimming Level:	4096	Radio equipment(RED):	ETSI EN 300 400 V2.2.1
Dimming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

Magnetic Grille Light

Model No.: GR2-10B



Model No.: GR2-20B



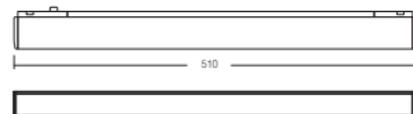
Unit: mm

Magnetic Floodlight

Model No.: FR2-12B



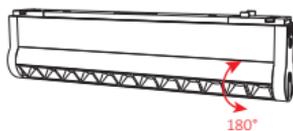
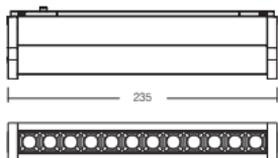
Model No.: FR2-24B



Unit: mm

Foldable Magnetic Grille Light

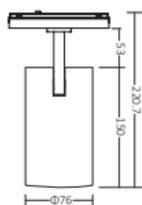
Model No.: A2-12B



Unit: mm

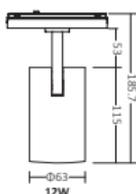
Magnetic Spotlight

Model No.: LR2-25B



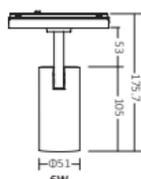
25W

Model No.: LR2-12B

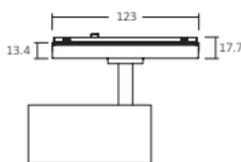


12W

Model No.: LR2-06B



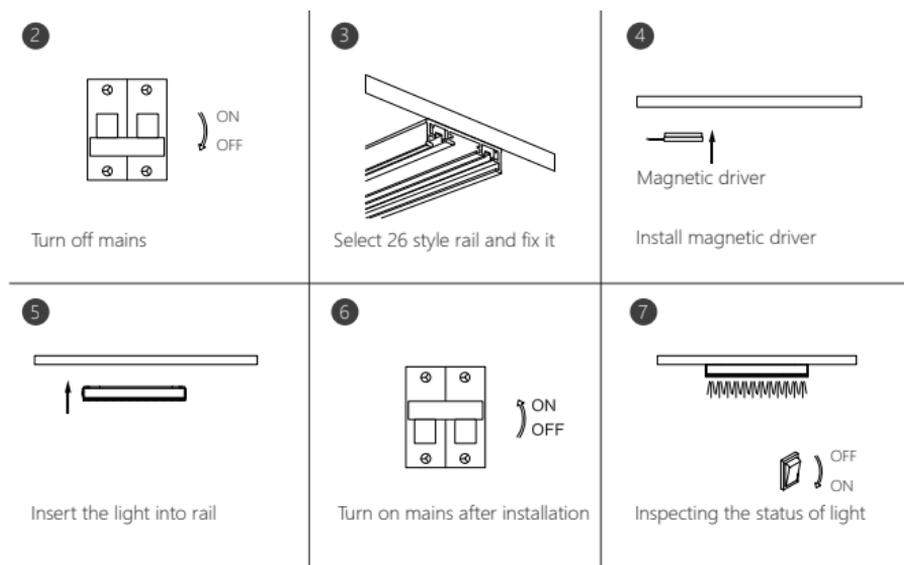
6W



Unit: mm

Installation Tips

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



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

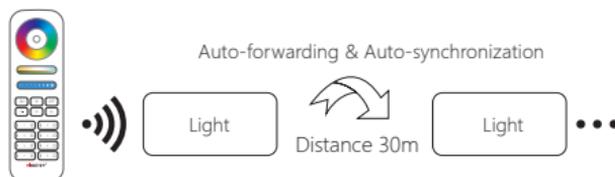
Auto-forwarding & Auto-synchronization

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.

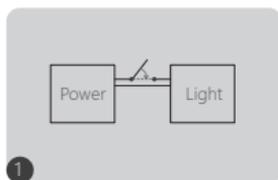
Dynamic mode auto-synchronization

In the same dynamic mode, the lamps will be automatically synchronized so that the dynamic effects are always consistent.



Link/Unlink

Link controller must link with remote before using it



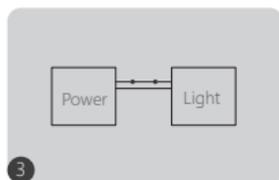
1

turn off light 10 seconds and turn on again



2

short press " | " 3 times within 3 seconds



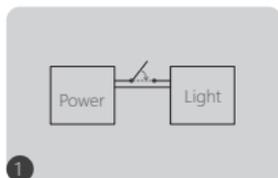
3

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:



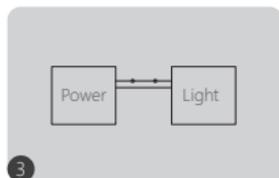
1

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 failed 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



S2W+



S1W+



FUT100



FUT089
FUT089-B



C5



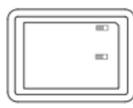
FUT092
FUT092-B



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.

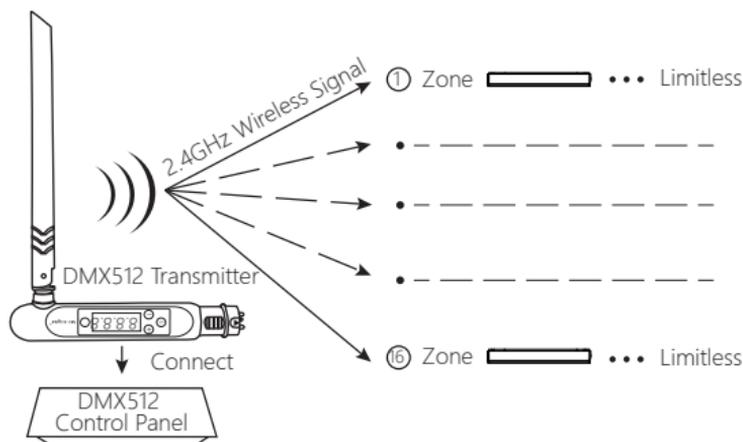
Dynamic mode table 1 (default)

Number	Dynamic Mode	Brightness / Saturation / Speed
1	Mardi Gras	Adjustable
2	Automatic color change	
3	Sam	
4	Gemstone	
5	Twilight	
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	Adjustable
2	White light Gradual change	
3	RGB gradual change	
4	Seven colors jump to change	
5	Jump to change randomly	
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 (Purchased separately)

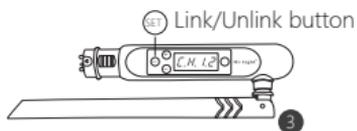


DMX512 LED Transmitter Link/Unlink

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



2



3



4

Link

Power off the light 10 seconds and power on

Short press " " 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 " " 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

APP Instruction

It must connect with Zigbee 3.0 gateway and add gateway into "TUYA SMART" APP (please check gateway instruction)

1.Connect with mains

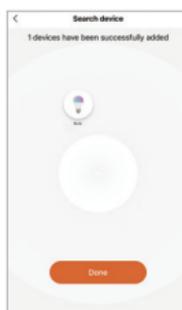
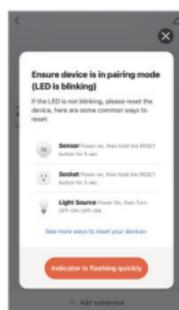
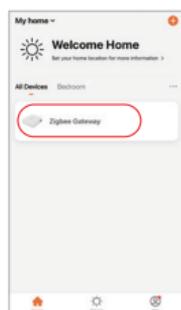
2.Enter into network pairing mode (factory default is network pairing mode)

Solution: Turn ON and Turn OFF light 3 or over 3 times continuously, the light status is breathing

3.Go to "TUYA SMART" APP main page and click gateway, click" Add subdevice"

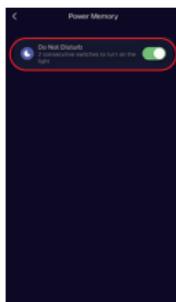
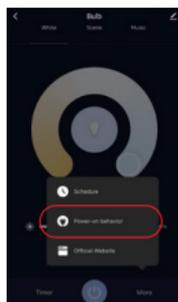
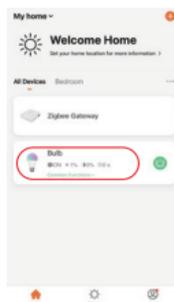
4.Click " indicator is flashing quickly"

5.Dimming or group control... etc after adding successfully



Turn ON or OFF DND (factory default is ON)

Click the light or the group - click " more" -Click "Power-on behavior"



Philips Hue Instruction

It must connect with Philips Hue and add device into "Philips Hue" APP

1.Connect with mains

2.Enter into network pairing mode (factory default is pairing mode)

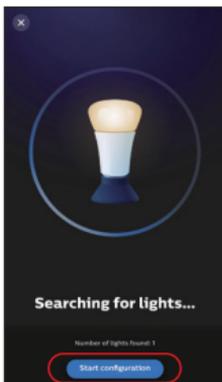
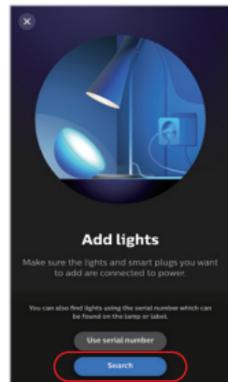
Solution: turn off and turn on light 3 or over 3 times continuously, the light is breathing

3.Enter into "Philips Hue"APP main page and click "SETTINGS"; click "Lights"

4.Click "+"

5.Click " Search"

6.Searching device for a while and click "Start configuration", finish the steps



Alexa voice control instruction

1. Alexa control (Audio conform to zigbee 3.0 protocol)

Amazon Echo can connect with device directly, the following model already conformed to zigbee 3.0 protocol)

Amazon ECHO Plus (2nd Gen), ECHO (4th Gen), ECHO Studio, ECHO Show (2. Gen)

1). Connect with mains

2. Enter into network pairing mode (factory default is pairing mode)

Solution: turn off and turn on light 3 or over 3 times continuously, the light is breathing

3. Speak to Amazon Echo " Alexa, Discover devices",

search device for a while and control via your voice command directly

"Alexa, Discover devices"



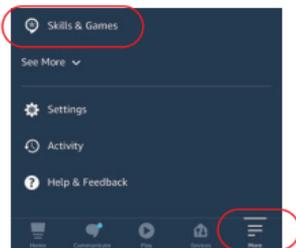
2). Alexa control (audio is not built in zigbee 3.0 protocol)

Please add device into Miboxer zigbee 3.0 gateway firstly

1) . Enter into Alexa APP

2) . Click "More"

3) . Click "Skills& Games

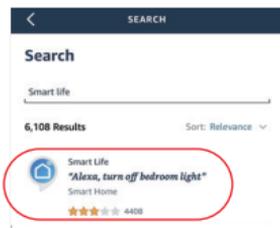


4) . Click 🔍

5) . Type into "smart life" and search



6) . Click "smart life" skills and finish the steps



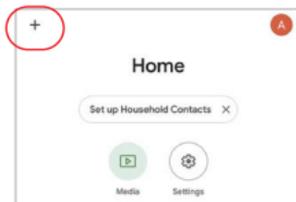
Google Home voice control

Please add device into Miboxer zigbee 3.0 gateway

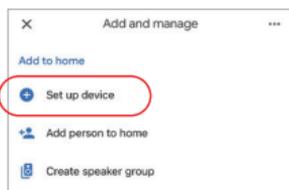
1) . Enter into Google Home

APP

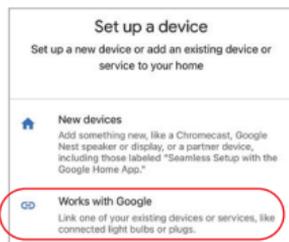
2) . Click "+"



3) . Click "Set up device"



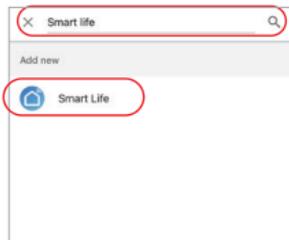
4) . Click "works with Google"



5) . Click "Q"

6) . Type into "Smart life" and search

7) . Click "smart life" skills and finish the steps



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

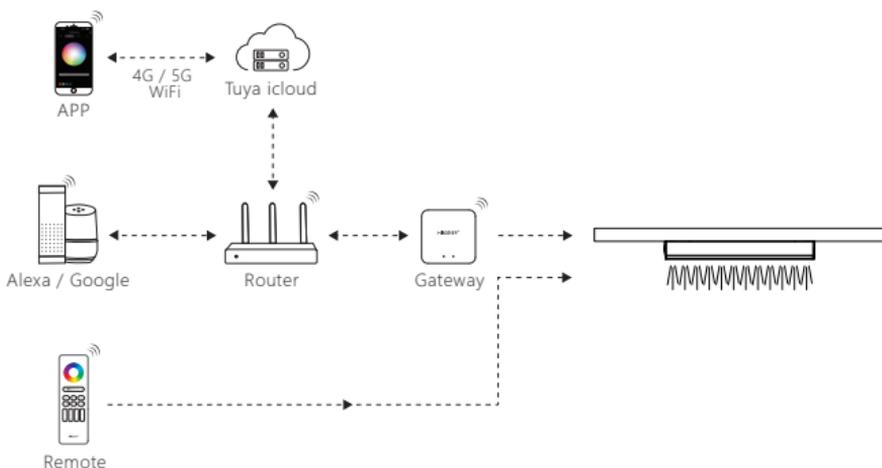
Attention: The status of light (ON or OFF) is same as turn on or off mains

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.



Made in China