EVERGLOW
LED LIGHTING
Less Electricity Debt™
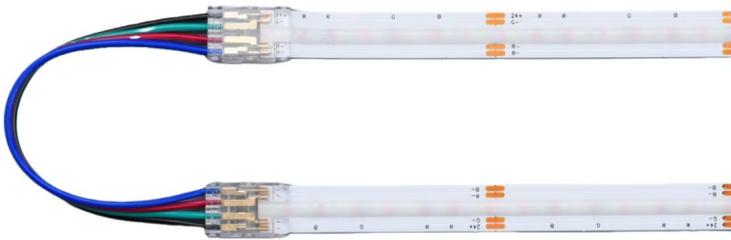
15W COB 480 CHIPS RGB LED Strip Light

Technical Specification

Model	SE-24V-15W-RGB-IP54		
Watts	15W		
Input Voltage	DC 24V		
LED Chip	480 *COB LED Chips		
Color Temp.	R	G	B
Lumens Output	775lm	675lm	630lm
MCD	2000-2500		
Beam Angle	120°		
Size	10000 * 10*1.2mm/24V		
Cut Size	100mm/24V		
IP Grade	IP 54		
Operating Temp.	-20° - +45°		
Max Length	10M Per Driver/24V		
Net Weight (kg)	0.2/12V — 0.4/24V		
Certification	CE&ROHS		

COB-480-24V-10mm-RGB

* The information in this datasheet may be changed by Everglow Lighting at any time without prior notice.
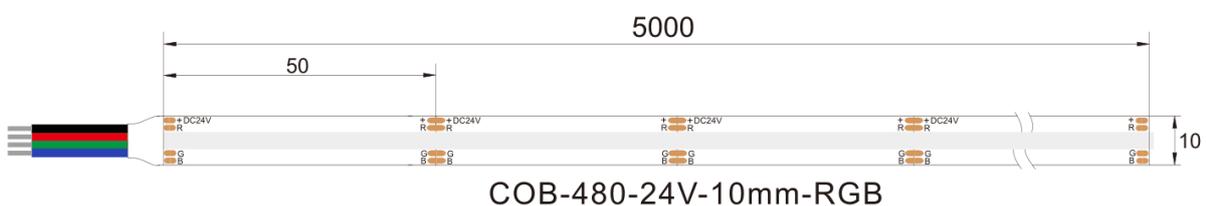
10mm

5MM 2P COB
8MM 2P COB
10MM 2P COB
10MM 3P COB
10MM 4P COB

10mm 60°

4 ZONE RGB STRIP RECEIVER

Connection Diagram

V- V+ Input: DC12V-24V

V+
R
G
B
W

36mm

17mm

74.5mm

1PC/BOX
G.W.: 0.041KGS

37mm

76mm   24mm

190mm

200PCS/CARTON
G.W.: 9KGS

410mm   270mm
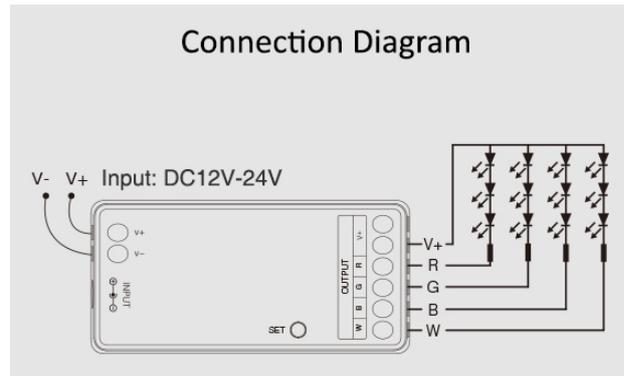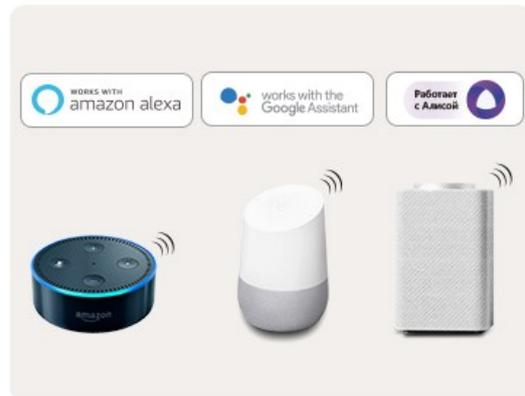

Support Tuya smart app control
(2.4GHz gateway is needed)

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

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Features

Product adopt the widely used 2.4GHz wireless technology. One remote control many controllers at the same time. Widely used on the controlling of hotel lighting and home lighting.
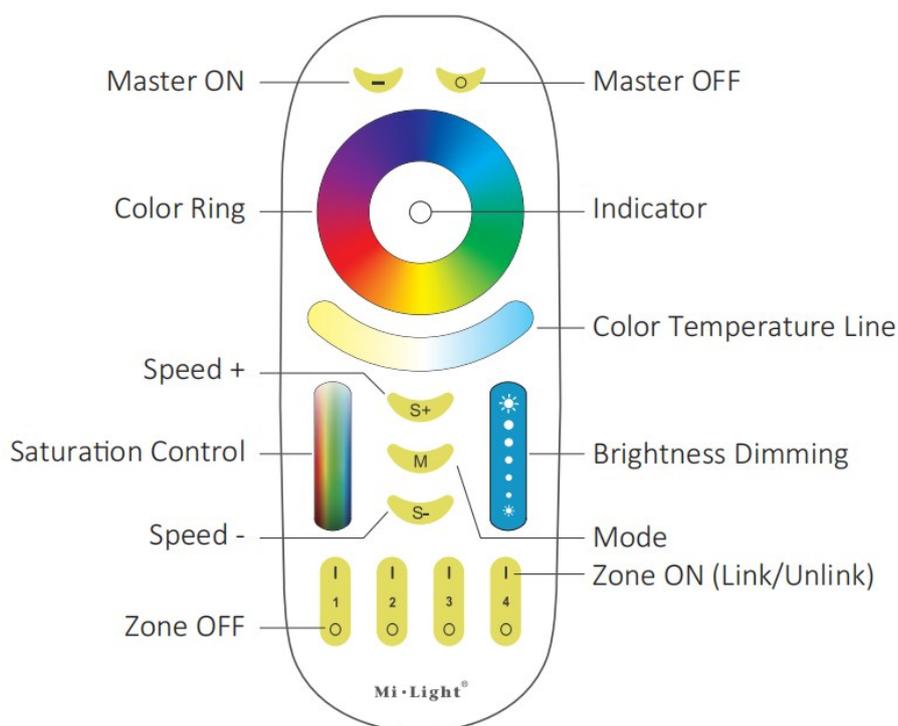
- 16 million colors adjustable, Saturation adjustable

- 4096 levels smooth dimming, Min brightness 0.1%

- One controller can be paired with 12 remote (Control distance 30m)

- Auto-forwarding: Automatically forward the remote control signal to another controller, making the remote control distance infinite

- Auto-synchronization: The same dynamic pattern is automatically synchronized to keep the pattern consistent

- Built-in 18 dynamic modes, including jump and gradient

- Support do not disturb mode setting, Suitable for areas with frequent power outages to save electricity

- Support PWM frequency switch To solve the abnormal noise problem of some power adapters

- Supports "Tuya Smart" app control (2.4GHz gateway is needed)

- Support Alexa, Google Assistant, Yandex Alice (2.4GHz gateway is needed)

Parameters

Name:	2.4G RGBW LED Controller		Input Signal:	2.4GHz RF
Model No.:	FUT038S		Control Distance:	30m
Input Voltage:	DC12-24V		Dimming Grayscale:	4096 Levels
Output:	6A/Channel		Dimming Curve:	0-100%
Total Output:	Max 12A		Dimming Curve:	Logarithmic
Output Power:	144W @ DC12V 288W @ DC24V		EMC Standard (EMC):	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.1.1
Output Type:	Constant Voltage		Safety Standard (LVD):	EN 61347-1:2015+A1: 2021 EN 61347-2-11: 2001+A1:2019
PWM Frequency:	Hight (4KHz) default Low (250Hz)		Radio Equipment (RED):	ETSI EN 300 440 V2.2.1
IP Rating:	IP20		Certification:	CE, EMC, RED
Working Temp.:	-10~40°C		Warranty:	5 Years

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

Master ON — Master OFF

Color Ring — Indicator

Color Temperature Line

Speed + — S+

Saturation Control — M — Brightness Dimming

Speed - — S- — Mode

Zone ON (Link/Unlink)

Zone OFF

Mi·Light®

1. Features

Product adopt world-wide used 2.4GHz frequency, GFSK control method, with the features of low power consumption, long distance transmitting, strong anti-interference and fast communication rate. Adopt high-precision touching IC Touching is more stable and sensitive, can control specified Mi-Light / MiBoxer smart light with color, color temperature, saturation and brightness changing.
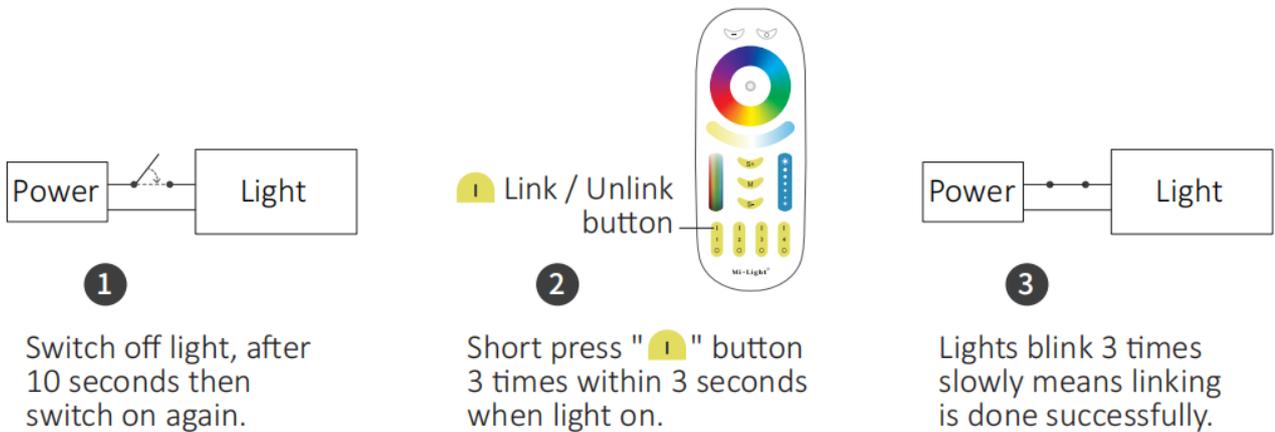
2. Products Key Diagram

1. Long press "Master OFF" or "Zone OFF" to night light mode.
2. Touch "Color Temperature Line" to white light mode and adjust color temperature.
3. Touch "Color Ring" to change the colors.
4. Press "Speed +" to accelerate the dynamic mode speed continously until to fastest speed.
5. Press "Speed -" to lower the dynamic mode speed continously until to lowest speed.
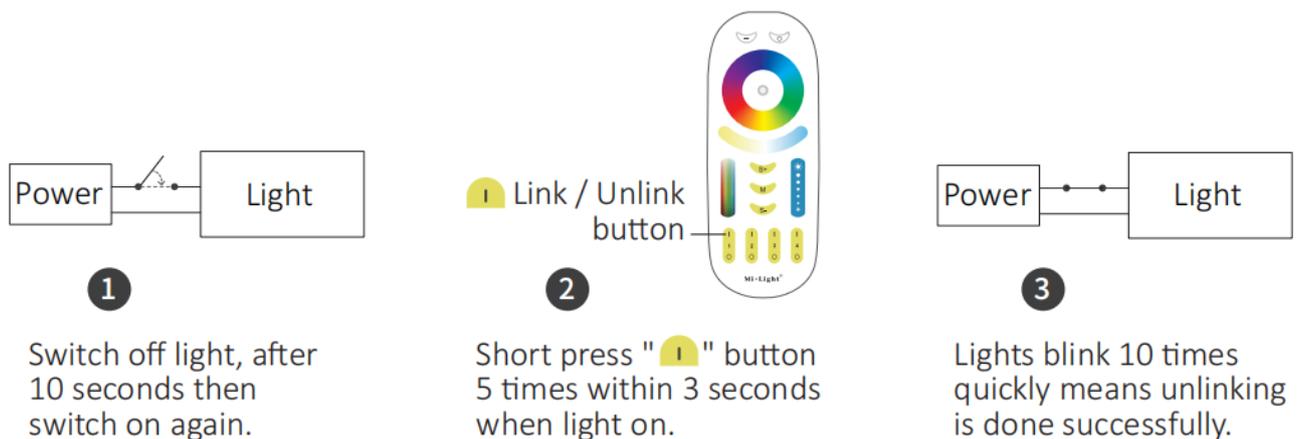
3. Linking Code / Unlinking Code Instructions

Remark: The light can be working after linking with the remote.

Linking Code Instructions

❶	❷	❸
Switch off light, after 10 seconds then switch on again.	Short press " ▮ " button 3 times within 3 seconds when light on.	Lights blink 3 times slowly means linking is done successfully.

⚠️ Linking failed if light is not blinking slowly, Please follow above steps again.
(Note: Light that have linked can't link again)

Unlinking Code Instructions

❶	❷	❸
Switch off light, after 10 seconds then switch on again.	Short press " ▮ " button 5 times within 3 seconds when light on.	Lights blink 10 times quickly means unlinking is done successfully.

Unlinking must be the same zone with the Linking

⚠️ Unlinking failed if light is not blinking quickly, Please follow above steps again.
(Note: Light haven't linked that don't need to unlink)

4. Grouping of several lights

You can add an endless numbers of lights to a zone on the 4 channel remote by linking the lights to different zones. This way you are completely flexible in creating different group combinations. Below you can see some grouping examples.
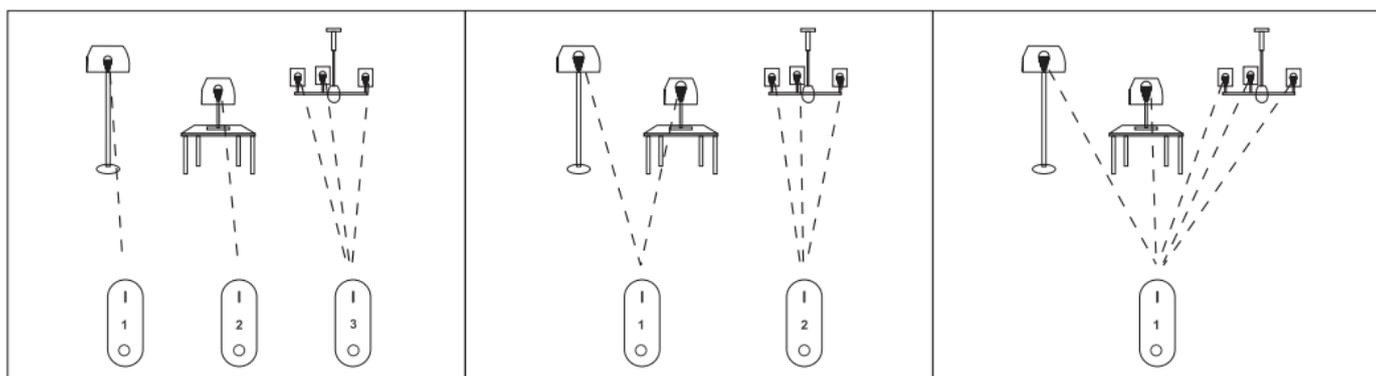
Remark:

1. The user can re-programme freely as needed. One remote can control countless lamps or controllers, but one lamp or controller can only be controlled by four remotes (Max).
2. Please check the battery installation and controller (totally discharge the power), when you programme after switching off and switching on.

5. Attention

1. This remote only control specified Mi-Light / Miboxer products; not all Mi-Light / Miboxer series can work on this remote.
2. In the using of the remote, if the indicated lamp blinking quickly, Please change the battery in time. Please don't use poor quality battery to avoid the leaking of battery liquid to damage the remote.
3. This 2.4GHz remote is precise electronic product; don't use it in humid, high temperature, dust and high voltage environment; Saving it at indoor, dry and no static electricity environment.
4. Please don't use the remote on the wide-range metal or strong electromagnetic wave area, otherwise, it will badly affect the controlling distance.

Technical Application