

# 9W RGB+CCT Magnetic Chandelier

Model No.: MC5-09B-RF

## Product Feature

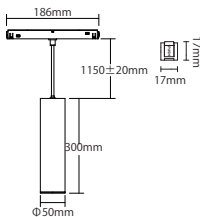
- Brightness and RGB+color temperature adjustable
- Narrow beam angle 24°, deep anti-glare designing with best central lighting performance
- 4096 smooth dimming level, mini brightness 0.1%
- Control Distance:30m
- Control multi lights at the same time
- Signal auto transmitting: transmit signal to each 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

Product Name: :	RGB+CCT Magnetic Chandelier	IP rate: :	IP20
Model No.:	MC5-09B-RF	Working Temperature: :	-10~40°C
Input voltage:	DC48V	Dimming Level: :	4096
Power:	9W	Dimming Range: :	0.1~100%
CRI: :	>90	Dimming Curve: :	logarithm
Color temperature: :	2700~6500K	EMC Standard (EMC): :	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-3 V2.3.2
Luminous Flux: :	400LM		ET IEC 60598-1:2021+A11:2022
Luminous efficiency: :	45LM/W	Security Standard (LVD) : :	EN 60598-2-2: 2012 EN IEC 62031:2020+A11:2021 EN 62498:2015+A1:2022
Beam Angle: :	24°	Radio equipment (RED) : :	ETSI EN 300 400 V2.2.1
Protocol: :	2.4GHz RF	Certification	CE、EMC、LVD、RED
Control Distance: :	30M		

## Dimension



## Installation Tips

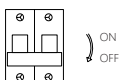
Please read instruction before installing it, you can contact with our service center if there is any technical issue

1



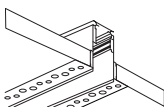
Compatible with 20 style rail

2



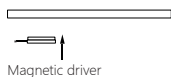
Turn off mains

3 Plastering mounted exampl



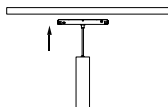
Select 20 style rail and fix it

4



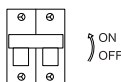
Install magnetic driver

5



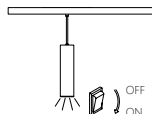
Insert the light into rail

6



Turn on mains after installation

7



Inspecting the status of light

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

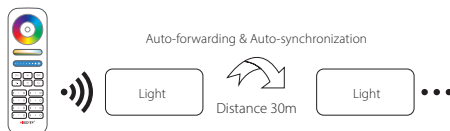
## Auto-forwarding & Auto-synchronization

### 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.

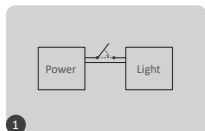
### Dynamic mode auto-synchronization

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



# Link/Unlink

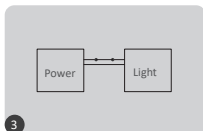
**Link** controller must link with remote before using it



turn off light 10 seconds and turn on again



short press " | " 3 times within 3 seconds

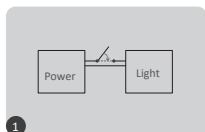


link is done once light flashes 3 times slowly

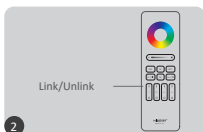


Link is failed if light doesn't flash, please repeat above steps  
(Attention: can not link again if remote already finished linking)

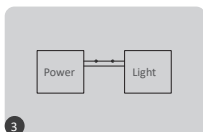
## Unlink:



turn off light 10 seconds and turn on again



short press " | " 5 times within 3 seconds



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  
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.

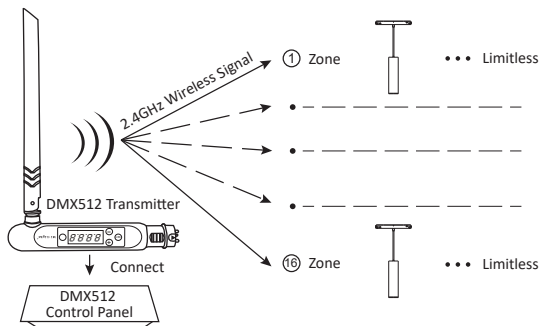
### Dynamic mode table 1 (default)

Number	Dynamic Mode	Brightness / Saturation / Speed
1	Mardi Gras	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)

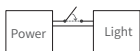
Number	Dynamic Mode	Brightness / Saturation / Speed
1	Colors gradual change	Adjustable
2	White light Gradual change	
3	RGB gradual change	
4	Seven colors jump to change	
5	Jump to change randomly	
6	Red light gradual change +Flash 3 times	
7	Green light gradual change +Flash 3 times	
8	Blue light gradual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

## DMX512 LED Transmitter Control (Purchased separately)

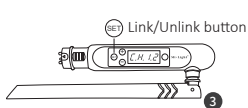


### DMX512 LED Transmitter Link/Unlink

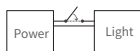
- 1 Follow instruction of DMX512 transmitter (FUTD01), Choose the zone for the light by pressing "+" or "-" (e.g. "CH12" means zone 12)



2



3



4

#### Link

Power off the light 10 seconds and power on

Short press "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

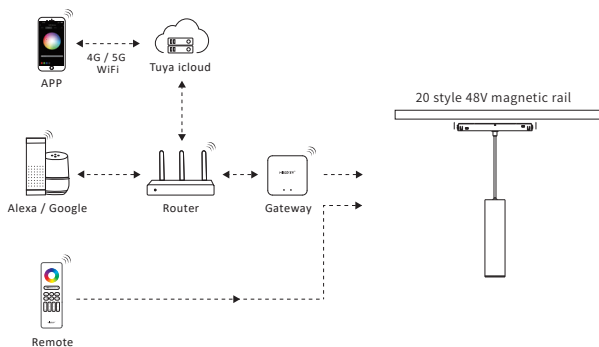
**Attention:** The status of light ( ON or OFF) is same as turn on or off mains

## 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.



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