

9W RGB+CCT Magnetic Chandelier

Model No.: MC5-09B-RF

Product Feature

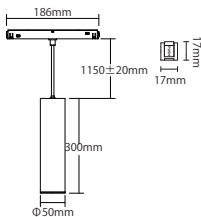
- Brightness and RGB+color temperature adjustable
- Narrow beam angle 24°, deep anti-glare designing with best central lighting performance
- 4096 smooth dimming level, mini brightness 0.1%
- Control Distance:30m
- Control multi lights at the same time
- Signal auto transmitting: transmit signal to each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

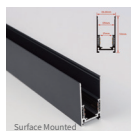
1



Plastering Mounted



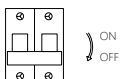
Flush Mounted



Surface Mounted

Compatible with 20 style rail

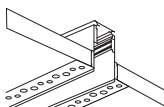
2



Turn off mains

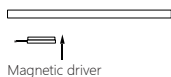
3

Plastering mounted exampl



Select 20 style rail and fix it

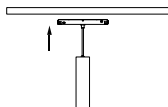
4



Magnetic driver

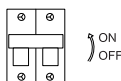
Install magnetic driver

5



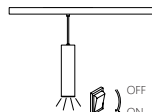
Insert the light into rail

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.



Auto-forwarding & Auto-synchronization



Light



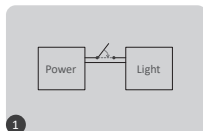
Distance 30m

Light

...

Link/Unlink

Link controller must link with remote before using it



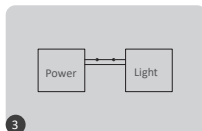
1

turn off light 10 seconds and turn on again



2

short press " | " 3 times within 3 seconds



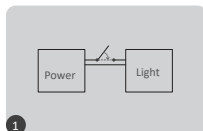
3

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:



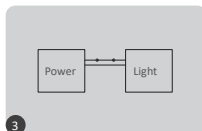
1

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
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.

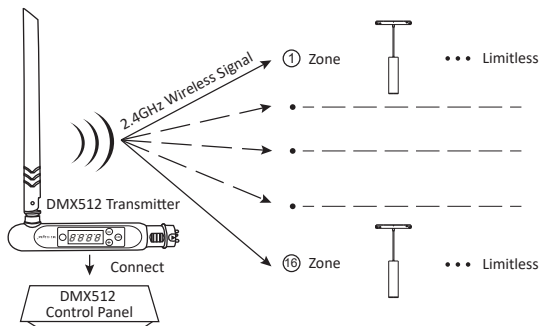
Dynamic mode table 1 (default)

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)

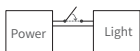
Number	Dynamic Mode	Brightness / Saturation / Speed
1	Colors gradual change	Adjustable
2	White light Gradual change	
3	RGB gradual change	
4	Seven colors jump to change	
5	Jump to change randomly	
6	Red light gradual change +Flash 3 times	
7	Green light gradual change +Flash 3 times	
8	Blue light gradual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

DMX512 LED Transmitter Control (Purchased separately)

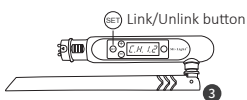


DMX512 LED Transmitter Link/Unlink

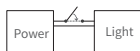
- 1 Follow instruction of DMX512 transmitter (FUTD01), Choose the zone for the light by pressing "+" or "-" (e.g. "CH12" means zone 12)



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

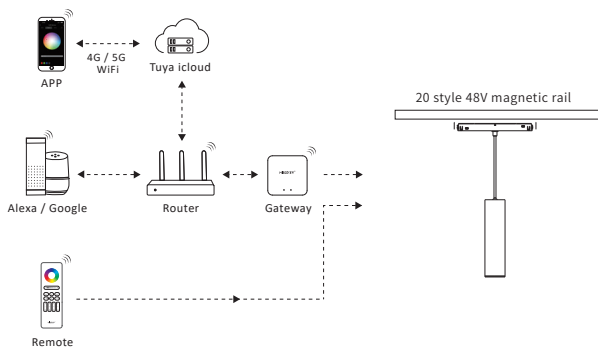
Attention: The status of light (ON or OFF) is same as turn on or off mains

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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