

18W Waterproof RGB+CCT downlight

Model No.: FUT082

Product Feature

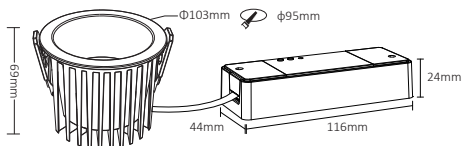
- IP54 Waterproof, 60° optical design, UGR≤19
- RGB+CCT+brightness dimmable
- 2.4G wireless transmission technology
- Smooth dimming with 4096 level, mini brightness 0.1%
- Auto-forwarding: Automatically forward the remote control signal to another master box, making the remote control distance infinite
- Auto-synchronization: The same dynamic pattern is automatically synchronized to keep the pattern consistent
- Have DND function, usually used in power failure area and save power
- Support TUYA SMART app control (2.4G gateway is needed)
- Support third party voice control like Alexa, Google assistant, Yandex Alice, Tmall Genie, Baidu and Xiaomi



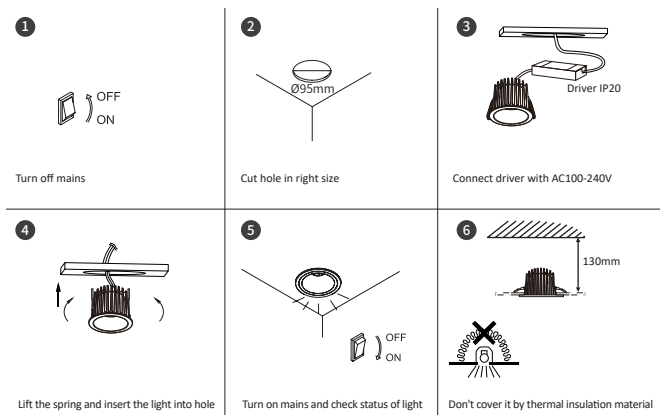
Product Parameter

Product Name: 18W Waterproof RGB+CCT downlight	IP rate: IP54
Model No.: FUT082	Working Temperature: -10~40℃
Input voltage: AC100~240V 50/60Hz	Hole Size: 95mm
Power: 18W	Dimming Level: 4096
Power factor: >0.5	Dimming Range: 0.1-100%
CRI: >80	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: 1600LM	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
Luminous efficiency: 90LM/W	Radio equipment (RED): ETSI EN 300 440 V2.2.1
Beam Angle: 60°	Certification: CE, EMC, LVD, RED
Protocol: 2.4GHz RF	
Control Distance: 30M	

Dimension



Installation Tips



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

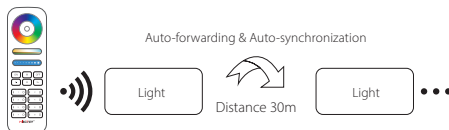
Auto-forwarding & Auto-synchronization

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.

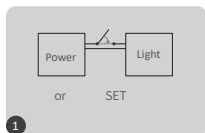
Dynamic mode auto-synchronization

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



Link/Unlink

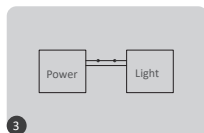
Link Light must link with remote before using it



turn off light 10 seconds and turn on again



short press " | " 3 times within 3 seconds

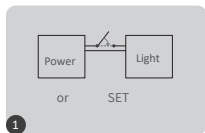


link is done once light flashes 3 times slowly



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

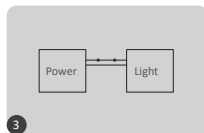
Unlink:



turn off light 10 seconds and turn on again



short press " | " 5 times within 3 seconds

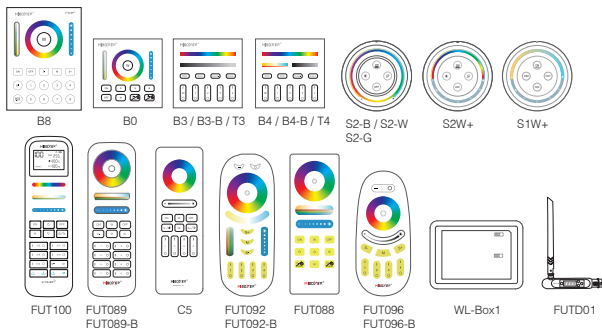


link is done once light flashes 10 times quickly



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)



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.

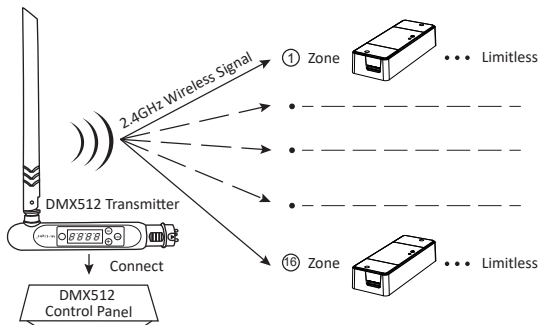
Dynamic mode table 1 (default)

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)

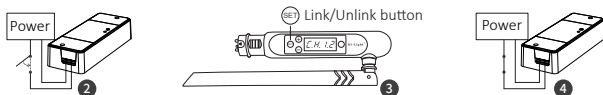
Number	Dynamic Mode	Brightness / Saturation / Speed
1	Colors gradual change	Adjustable
2	White light Gradual change	
3	RGB gradual change	
4	Seven colors jump to change	
5	Jump to change randomly	
6	Red light gradual change +Flash 3 times	
7	Green light gradual change +Flash 3 times	
8	Blue light gradual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



Link

The controller is powered off for 10 seconds and then powered on, or press “SET” button 1 time.

Short press “**SET**” 3 times within 3 seconds while the indicator of controller is ON

Link is done once indicator of controller flashes 3 times slowly

Unlink

The controller is powered off for 10 seconds and then powered on, or press “SET” button 1 time.

Short press “**SET**” 5 times within 3 seconds while the indicator of controller is ON

Unlink is done once indicator of controller 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

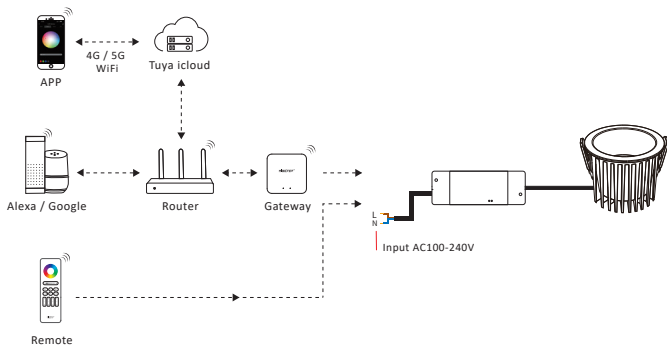
Attention: The status of light (ON or OFF) is same as turn on or off mains

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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