

RGB+CCT Wall-mounted Underwater Light (LoRa 433MHz)

Model No.: UW01 / UW02

Product Features

This wall-mounted underwater lamp is designed and developed for underwater lighting; It's with RF module inside. We use LoRa modem technology to fulfill the super long distance controlling. It's controlled by our 433MHz remote control or 433MHz Gateway for smartphone control. The lamp is with Red, Green, blue, cool white and warm white LED chips in side to fulfill the color changing, brightness dimming and dynamic mode controlling. Easy operation.



RGB+CCT
16 millions of colors to choose



Color temperature
2700K~6500K



Dim brightness/
Saturation



Waterproof and dustproof
grade IP68



433MHz RF wireless
transmission technology



Super long distance 433MHz
remote controller control



Smartphone APP control
(433MHz Gateway is needed)



Support third party voice control
(433MHz Gateway is needed)

Dynamic Mode Sheet

Number	Dynamic Mode	Brightness & 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	

Parameters

15W RGB+CCT Wall-mounted Underwater Light (LoRa 433MHz)

Model No.: UW01

Input Voltage: AC12V / DC12V~24V

Power: 15W

Working Temperature: -20~-45°C

Color Temperature: 2700K~6500K

Luminous Flux: 1100LM

Light Efficiency: 72LM/W

CRI: >80

Lifespan: 50000h

IP Rate: IP68

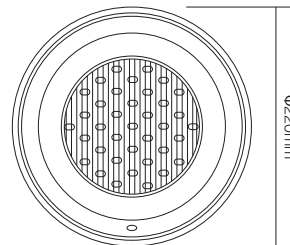
Beam Angle: 160°

RF: 433MHz (LoRa spread spectrum)

Control Distance: 50m (Lamps into 0.5m under freshwater)

Product Weight: 750g

Housing Material: Stainless Steel+PC



27W RGB+CCT Wall-mounted Underwater Light (LoRa 433MHz)

Model No.: UW02

Input Voltage: AC12V / DC12V~24V

Power: 27W

Working Temperature: -20~-45°C

Color Temperature: 2700K~6500K

Luminous Flux: 2000LM

Light Efficiency: 75LM/W

CRI: >80

Lifespan: 50000h

IP Rate: IP68

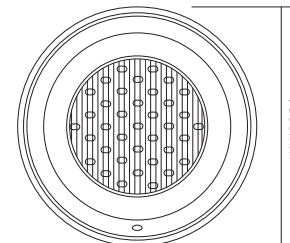
Beam Angle: 160°

RF: 433MHz (LoRa spread spectrum)

Control Distance: 50m (Lamps into 0.5m under freshwater)

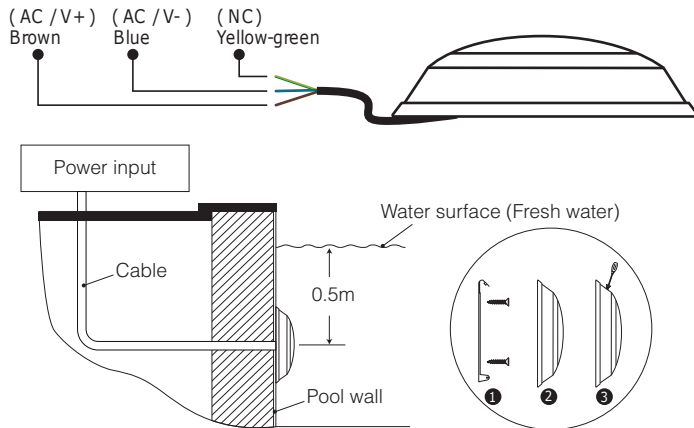
Product Weight: 1225g

Housing Material: Stainless Steel+PC



Connection Diagram

Input: AC12V / DC12V~24V



Link/Unlink

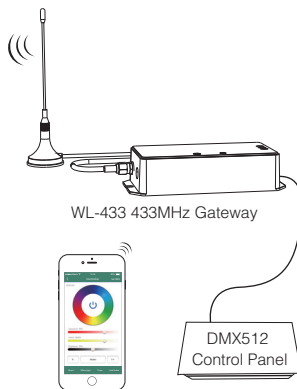
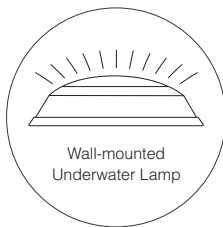
Compatible with "FUT086 remote controller" and "WL-433 433MHz gateway" (Purchased separately)



Lighting can be working after linking with remote; for more details, pls read the remote instruction.



FUT086 433MHz Remote Control



Switch-OFF to change color instruction

Switch OFF(for 5 seconds); Switch-ON again	Switch-OFF (For 5-10 seconds); Switch ON again	Switch-OFF (for over 10 seconds); Switch ON again
Switch the colors and dynamic modes in turn 1. Static Red 9. Mardi Gras 2. Static Green 10. Automatic color change 3. Static Blue 11. Sam 4. Static Yellow 12. Gemstone 5. Static Cyan 13. Twilight 6. Static Purple 14. American 7. Static Cool White 15. Fat Tuesday 8. Static Warm White 16. Party 17. Slow Color Splash	Static Red	Status before Switch OFF

Attention

1. Please check whether the input voltage supply is in accordance with the lighting fixtures, and please check the connection of both the cathode and anode.
2. The working voltage is DC24V, the lighting will be damage if the voltage is higher than DC24V.
3. Non-professional user cannot dismantle the lighting directly, otherwise it may damage the lighting.
4. The working temperature is -20~45°C.
5. Please do not use lighting around the mental area and high magnetic field, otherwise, it will badly affect the control distance.
6. Users must be correct, strict and solid to install the light.



Made in China