User Manual

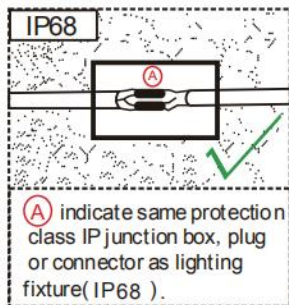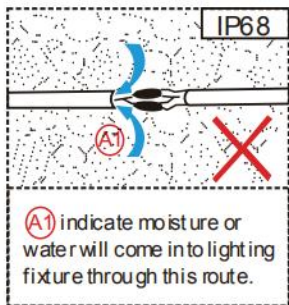## Standing Surface Mounted Underwater Lighting

Please read this manual before installation and keep it for future reference.

■WARNING.

1. The safety of this lighting fixture is guaranteed only if you comply with these instructions.

2. Don't connect these lights to the mains supply directly, and please use the specific proper driver with specific input voltage.

3. Please, disconnect the power supply before installation, repair or replacement.

5. Use the lights in the proper application places so as to avoid the light get broken.

6. Please only use or test this lighting fixture under the water application since the heating when LEDs working may damage the lights if without cooling by water !

7. The connector should be IP68 waterproof,and the connecting place is recommended to be somewhere the height exceeding the level of water surface.

8. If any questions on these instructions, please consult a qualified technician.

■Instructions of installation.

For single colour items :

1.Ensure main energy supply is turned off during the whole installation process.

2.Fixed the bracket in the desired position with screws,and adjust the bracket direction to the desired direction then fix it.

3. Use the IP68 waterproof connector to connect both of the fixture's cable and the power cable from the specific driver in parallel circuit.

4. Ensure everything is installed in a proper way. Now, you can turn on the power supply.

For RGBW items :

1.Ensure mains supply is turned off during the whole installation process.

2.Fixed the bracket on the desired position with screws .

3.Connect the cables of the fixture and the cables of RGBW controller or DMX512 decoder with IP68 waterproof junction box in parallel circuit, then the controller or decoder should be connected to the specific driver .

4.Please put the RGBW controller or DMX512 decoder in the indoor places or use the IP67 waterproof box to pack them.

5. Ensure everything is installed in a proper way.Now, you can turn on the power supply.
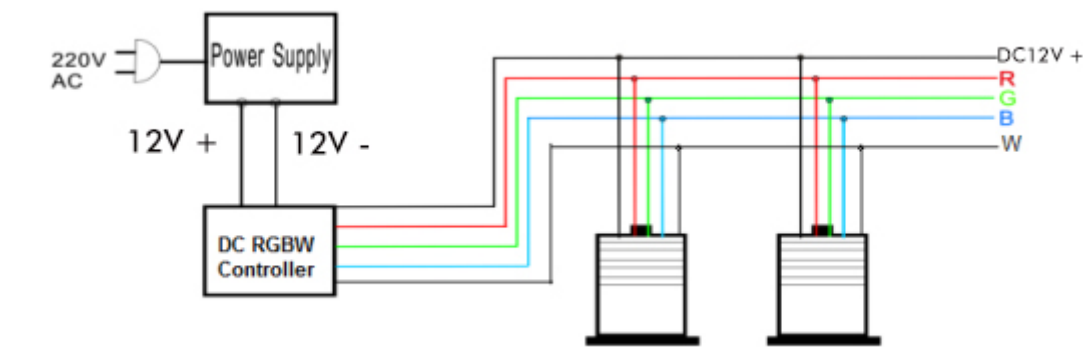
■Specifications.
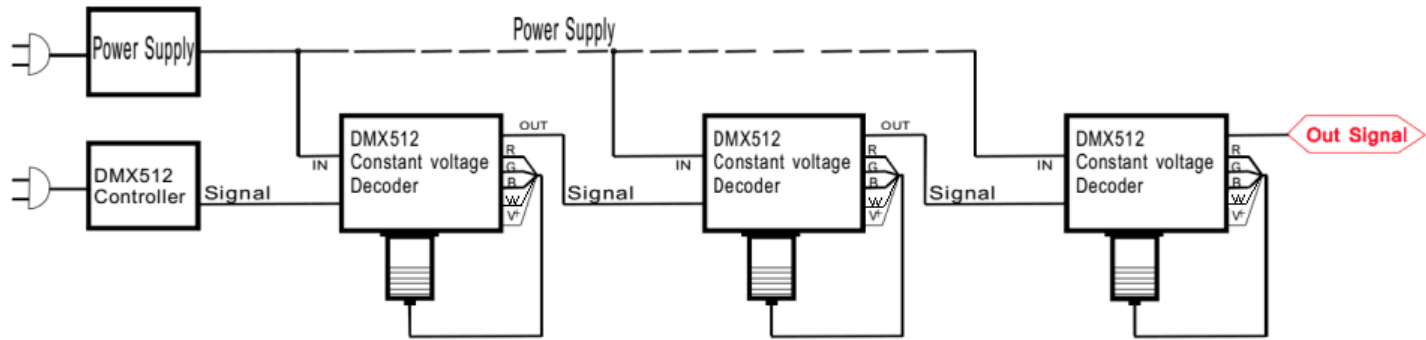
Input: DC12V

IP rating: IP68

Class: III

For RGBW items :

■WIRING DIAGRAM

1) Method I:

2) Method II:

⚠️Warning.

The non-professionals can not disassemble or repair the fixture. We keep the right to refuse the replacement or repairing of the fixtures that have been disassembled or repaired personally.