



LED RGB



MANUAL INSTRUCTION

DESCRIPTION:

This is a high technology electronic controlled light based on LED's in three colors: red, green and blue. These three base colors together can produce many other colors to create the perfect atmosphere in the pool. Any of the 16 pre-programmed effects can be selected with the on/off switch of your pool lights. The LED's can also be warm white only or natural white only. Light Emitter long lifespan: >50,000hrs, low power consumption, environment protecting.

APPLICATION:

For Underwater lighting, widely used in garden waterfall / fountain / plaza pool / ...etc.

16 PROGRAMS OF RGB LED BULBS

1. Evening sea: slow animation blue/red
2. Evening rivers: slow animation green/red
3. Riviera: slow animation blue/green
4. White: neutral white
5. Rainbow: slow animation in green/blue/green+ blue/red+ blue/green+ blue/RGB/red
6. River of colors: slow animation in red/green/blue/green+ blue/red+ blue/green+ blue/RGB, followed by program 8
7. Disco: fast animation, (fast-slow) followed by program 5
8. Four seasons: slow animation in red+ green/green/green+ blue/blue/violet/red
9. Party: fast animation, (fast-slow) followed by program 6
10. White: sun white
11. Red: fixed color red
12. Green: fixed color green
13. Blue: fixed color blue
14. Green-blue: fixed color red/green (gold)
15. Red-green: fixed color green/blue (cyan)
16. Blue-red: fixed color blue-red (violet)

START-UP

- The lamp should only operate underwater while secured to the vertical walls of the pool. **Never switch on the lamp if it is not underwater.**
- In case of colored lamps, 16 pre-programmed effects and combinations may be selected using the on/off switch of your pool lights. Just switch off and switch on within 2 seconds.
- To achieve synchronization, confirm all lamps are installed correctly on the same switch, after they are powered off for more than 20 seconds, switch on and switch off continuously three times and then finally turn them on again. They will all go to program 1. Now you can select a program for them by switch off and on within 8 seconds (**Re-set function**).



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MAINTENANCE & REPLACEMENT

There is no maintenance required for this lamp – it is designed to be used only once, meaning that replacement is not necessary if it becomes defective (repairing is impossible). Before any handling, ensure that there is NO voltage supplied to the lamp. To replace, unfasten the lamp from the base. Ensure the new lamp is the same model and characteristics as the one being replaced.

WARNINGS

- The transformer's output must be **Voltage 12V AC. Don't use electronic transformers which may damage the light.** You should use industrial frequency transformer, such as toroidal transformer and square transformer.
- The persons who are in charge of installation should have the required qualifications for this type of work.
- Avoid making contact with the electric voltage.
- Comply with the current standards regarding accident prevention.
- IEC 364-7-702 standards must be observed: WIRING IN BUILDINGS, SPECIAL WIRING, SWIMMING POOLS.
- Replacement must be performed with the lamp disconnected from the electric power system.
- Do not handle any electrical components with wet feet.

WARRANTY

The manufacturer warrants this LED underwater light bulb against defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not cover the fixture becoming damaged due to misuse, accidental damaged, improper handling and/or installation and specifically excludes liability for direct, incidental or consequential damages, water coming into the housing.