Stainless Steel RGBW Color Changing LED Light

Instructions for Operation
Safety · Warranty

Thank you for purchasing EasyPro's submersible color changing LED light. With this LED light you can illuminate a pond or waterfall, highlight a deck or patio and extend the enjoyment of your entire landscape in the evening hours. This light is fully submersible and may be used in or out of water. Included is fixture with pigtail and optional stainless steel mounting plate.

RGB9PL Specs

- Corrosion resistant stainless steel housing, bracket and base mount
- Epoxy filled fixtures
- Pigtail with 5 pin, quick connect end
- Water proof connections
- Dimmable, 24 volt DC
- 17.5 Watts (maximum with full color mix)
- RGBW for color mixing and true warm white color option

Safety and Electrical Connections

1. **WARNING** Always disconnect the electrical supply before handling, maintaining, repairing or installing any pond equipment.

2. Lights must be attached to a matching 5 pin RGBW cords and RGBW 5 pin 24 volt DC controller.

3. Never connect the lights directly to a 110 volt or higher outlet.

4. Connect the RGBW controller/transformer to a 110 volt receptacle that is protected by a Ground Fault Circuit Interrupter.

5. Do not modify wiring in any way, quick plug ends must stay intact to function and should not be replaced with any other connections.

6. Not approved for swimming pool or spa use.

7. All electrical work must be performed by a qualified technician. Always follow the National Electrical Code (NEC) or the Canadian Electrical Code as well as all local, state and provincial codes. Failure to follow manufacturer's installation instructions may result in electrical shock, fire hazard, personal injury or death, damaged equipment, provide unsatisfactory performance and will void manufacturer's warranty.

Installation of LED Light

For a complete system you will need RGBC controller unit with remote control, 5 pin power cables with quick disconnects, optional splitters and RGB9PL fixture(s). All items are sold separately.

1. Before installing the product, check for damaged or missing parts. Contact EasyPro immediately if pieces are missing or damaged.

2. Be sure the power is disconnected before installing the light.

3. Determine desired location to place the LED light.

   Note: Consider that you may need future access to the quick plugs should a fixture need to be replaced.

4. Use with or without removable base to fit fixture into desired location. If base is used it may need to be ballasted to prevent fixture from shifting.

5. To connect pigtail wire from LED fixture to 5 pin corresponding power cable or splitter (sold separately) line up the pins from the fixture's pigtail to the receptacle of the cable or splitter. Insert pins and secure with half-turn, twist nut on cable or splitter. Always be sure o-ring seals are present. *See figures 1 and 2.*

6. Connect power cables and/or splitters to RGBC controller (sold separately) using quick connect plugs and receptacles. Be sure all connections are secured with quick connectors.

Figure 1

o-ring

Figure 2

RGBC Controller

LKC Cable

RBG9PL LED

FCR13 1x3 Splitter

LKC Cable

FCR14 1x4 Splitter

RBG9PL LED

Controller

Cable

FCR12

FCR13

FCR14

RGB9PL
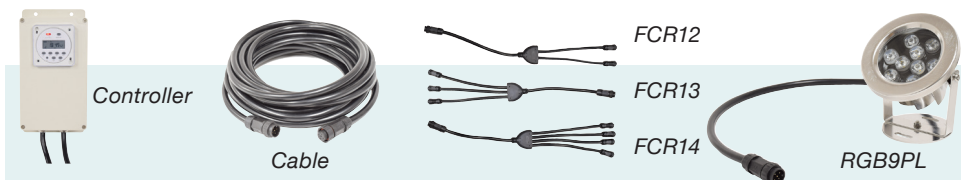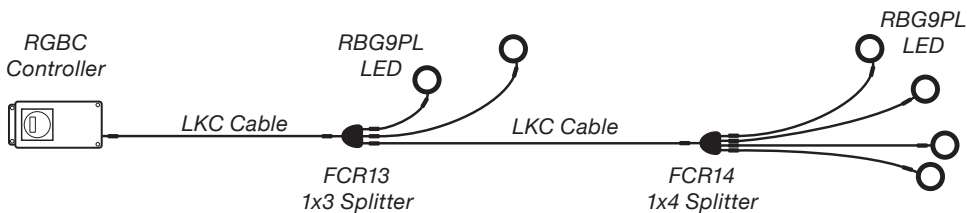
7. Angle of fixture can be adjusted with screws on side of unit.

8. Plug the controller unit into a GFCI outlet. Lights will start on default mode 1.

   Note: Power supply must be maintained to control module or light will default back to mode 1 on startup.

9. The LED light will default to mode 1 on initial startup. Use controller's remote to change settings and colors.
10. The longest length maximum length from controller to fixture should not exceed 300'.

Remote Control Operation
(remote control will come with controller)

To change settings and colors, use the unit's remote control. Controllers within the remote's 1000' range will be synchronized.

- Desired setting must be achieved by clicking remote functions of speed, mode, power or main colors. Depress buttons slowly and deliberately.

- Brightness settings only work with solid colors.

- Changing the speed of a light cycle will reset the mode to the beginning of its cycle.

- Remote requires an A23 battery (included)

- Remote control works only when red light of the timer is on. This is during Manual or Programed "On" functions.

⏻ Power ▶ Reset Defaults

S-/S+ Speed

B-/B+ Brightness

M-/M+ Color Mode

R Red   **G** Green

B Blue **W** Warm White

Color Modes

1. (Default) Change — Red, Yellow/Green, Green, Cyan, Blue, Cool White, Yellow, Cool White, Purple, Cool White, Cyan, Cool White, Warm White, Orange
2. Change — Red, Green, Blue, Warm White
3. Change — Red, Green, Blue
4. Change — Warm White, Blue, Green, Red
5. Change — Red, Green, Blue, Warm White (several color cycles then accelerates to strobe)
6. Change — Red, off, Green, off, Blue, off, Yellow/Green, off, Purple, off, Cyan, off, Warm White, off
7. Change — Yellow/Green, Purple, Cyan

8. Change — Red, Yellow/Green, Warm White, off
9. Change — Warm White, Yellow/Green, Red, off
10. Change — Red, Green, Blue, Yellow/Green, Purple, Cyan, Warm White
11. Change – Demo Mode
12. Solid — Red
13. Solid — Green
14. Solid — Blue
15. Solid — Yellow/Green
16. Solid — Purple
17. Solid — Cyan
18. Solid — Warm White

Service and Maintenance

1. ⚠️ Disconnect the controller from the power supply before service.
2. **WARNING** All parts of the lighting system should be checked on a regular basis to make sure the system is functioning properly.
3. All wires should be protected from possible damage from wildlife and other causes. Damaged wires due to neglect are not covered under warranty.
4. If light output is diminished check the face of the light fixture for debris and clean if necessary, or use remote control to increase brightness.
5. If lights are not working, be sure the timer on the controller is set to operate lights when desired. See operations manual of timer/controller for more information.