



Deluxe Fiber Optic Systems

Instructions for Operation • Safety • Warranty

Thank you for purchasing the EasyPro Fiber Optic Lighting Package. This high quality yet affordable lighting system is designed to provide excellent lighting in larger settings. Fiber optic lighting is much different than normal low voltage lighting. A typical low voltage lighting system has a transformer on shore with underwater lights located in the pond. Fiber optic lighting has a shore mounted illuminator box which has the light bulb inside it. The light shines through a rotating wheel, as it rotates the light changes color. The light is then carried down the fiber optic



cable into the water, on the end of the fiber optic cable are the light ends. This means that there is no electricity in the water. When it is time to change the bulb, it is easy to do since the bulb is on the shore, in the illuminator box. Up to 16 fiber optic cables can be run off of one light bulb in the illuminator box.

Safety & Electrical Connections

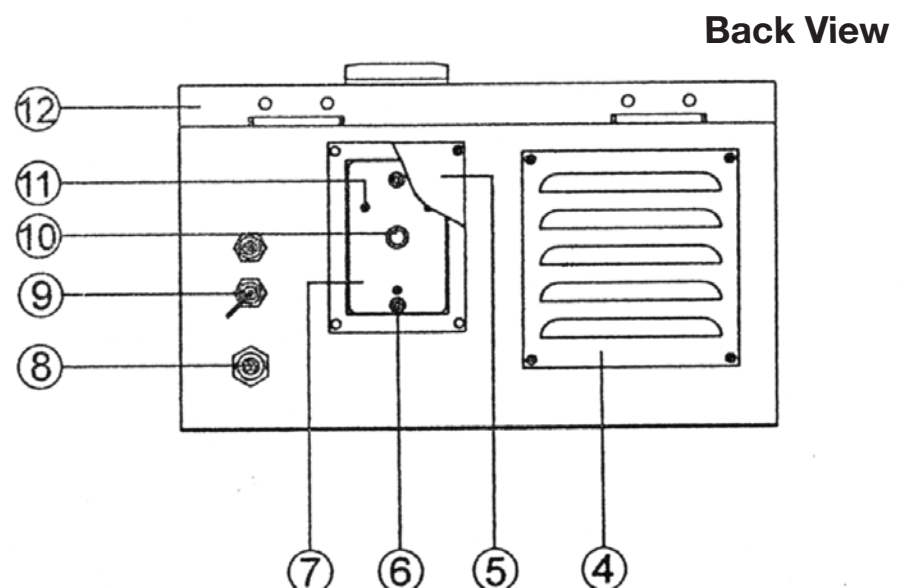
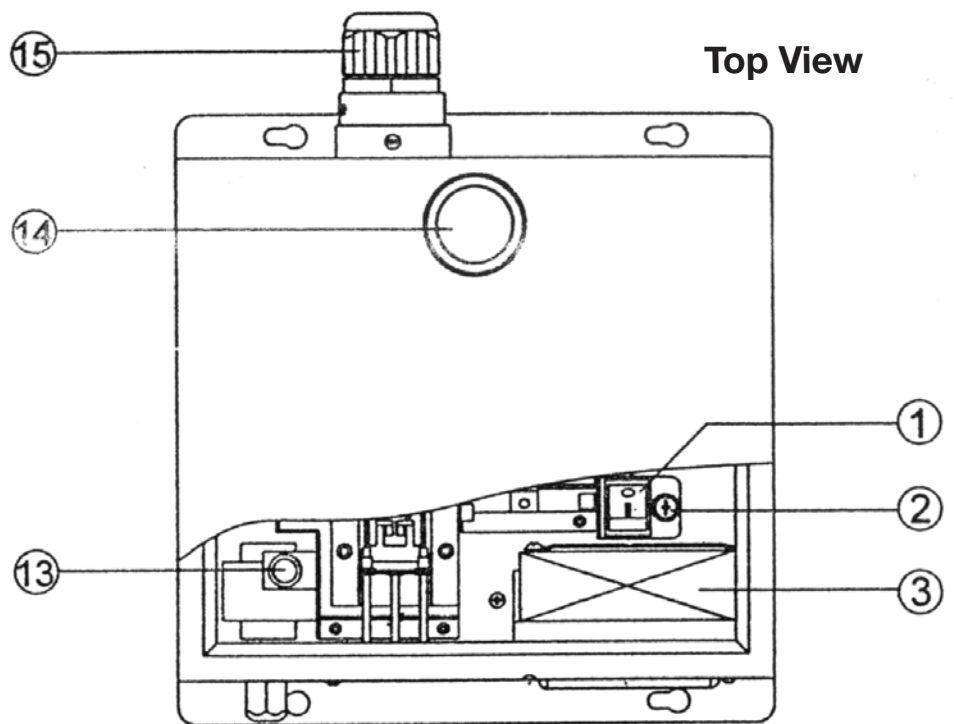
1. Always disconnect the electrical supply before handling, maintaining, repairing or installing any pond equipment.
2. Connect this product only to a 110 volt receptacle that is protected by a Ground Fault Circuit Interrupter.
3. The illuminator may be plugged into a 110 volt timer that is protected by a GFCI.
4. When replacing the lamp, turn off the illuminator box and let cool for 30 minutes before handling.
5. 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. Code questions should be directed to your local electrical inspector. Failure to follow

electrical codes and OSHA safety standards may result in personal injury or equipment damage. Failure to follow manufacturer's installation instructions may result in electrical shock, fire hazard, personal injury or death, damaged equipment, provide unsatisfactory performance and may void manufacturer's warranty.

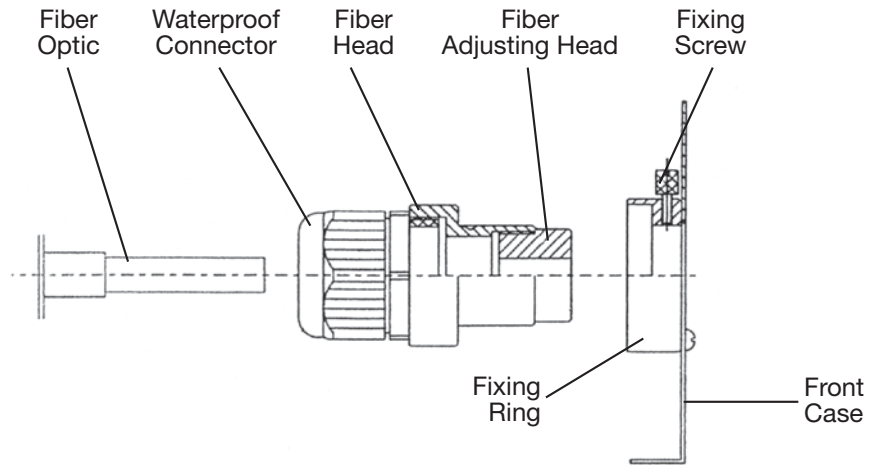
Installation

1. **Always disconnect the electrical supply before handling, maintaining, repairing or installing any pond equipment.**
2. Before using the fiber optic illuminator box, open the top cover and remove the styrofoam color wheel protector.
3. The illuminator box must be connected to a 110 volt receptacle that is protected by a Ground Fault Circuit Interrupter.

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|-----|--|
| 1. | Power switch |
| 2. | Fuse |
| 3. | Fan |
| 4. | Fan protection plate |
| 5. | Protection plate for lamp fixing board |
| 6. | Lamp fixing board screw |
| 7. | Lamp fixing board |
| 8. | Power cable |
| 9. | Remote receiver |
| 10. | Large screw |
| 11. | Lamp focus adjustment screw |
| 12. | Cover |
| 13. | Color select switch |
| 14. | Waterproof lock cover |
| 15. | Fiber fixing head |



4. The Illuminator box must be installed in the horizontal position.
5. Keep a 4" clearance around the entire box.
6. Be sure the set screw is backed out of the fixing ring.
7. Insert the fiber optic head into the fixing ring all the way. Then tighten down the set screw to hold the fiber optic head in place.
8. Run the cables out to desired locations and position the light ends.
9. After everything is properly placed, open the top cover and turn on with the power switch (#1 on the diagram).
10. If a certain color is desired or to stop the color wheel, press the button (#13 in the diagram).



Service & Maintenance

1. **Always disconnect the electrical supply before handling, maintaining, repairing or installing any pond equipment.**
 2. When replacing the lamp, turn off the illuminator box and let cool for 30 minutes before handling.
 3. To replace the bulb open the top cover.
 4. Remove the screws that hold the shading board in place and remove the shading board.
- Note: Do not touch new bulb with bare hands - oil from fingers will cause premature bulb failure.**
5. Remove and discard the old bulb and install the new bulb (part #FOLB).
 6. Replace the shading board and screw into place.
 7. If you turned the switch off - be sure to turn in back on.
 8. Close the cover and lock.
 9. Plug the illuminator box back in and enjoy.
 10. When replacing the fuse open the cover, the fuse location is next to the power switch (#2 in the diagram). Replace the fuse and close cover.
 11. On a regular basis clean or blow out the inside of the illuminator box to get rid of excess dust.
 12. Periodically clean the color wheel, light ends and the heat insulation plate.
 13. Replace the bulb with a 150 watt Metal Halide bulb. Part #FOLB
 14. To adjust the lamp focus, see #11 in illustration on page 2.

Warranty

This product is warranted against any mechanical or material defects for a period of three years from the date of purchase (bulbs are a wear item and are not covered by warranty). Warranty only covers properly installed and maintained units.

The warranty does not cover normal wear and tear, nor any deterioration suffered through overloading, improper use, negligence or accident. Similarly, any modification made by the purchaser to the product will cause the warranty to be null and void.

All returned items will be inspected to determine cause of failure before warranty is approved.

Warranty does not cover any cost associated with the installation or removal of the product subject to warranty claim.

An RA number must be obtained by calling EasyPro Pond Products at 800-448-3873. It is your responsibility to pay the return shipping charges. Be sure to include the RA number, original receipt (in the form of an invoice or sales receipt), name, return address and phone number inside of the package. No warranty claims will be honored without the original receipt.

Ensure the product is properly packaged and insured for the replacement value. Damage due to improper packaging is the responsibility of the sender.

The manufacturer or supplier shall not be held liable for any damages caused by defective components or materials of this product; or for loss incurred because of the interruption of service; or any consequential/incidental damages and expenses arising from the production, sale, use or misuse of this product.

The manufacturer or supplier shall not be held liable for any loss of fish, plants or any other livestock as a result of any failure or defect of this product.



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