



## **ADVANCED FIBER OPTIC LIGHTING PACKAGE TECHNICAL INFORMATION**

Fiber Optic Lighting is much different than normal low voltage lighting. A typical low voltage set up has a transformer on shore with an underwater light 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 color wheel, as it rotates the light changes color. The light is then carried down the fiber optic cables into the water. On the end of the fiber optic cable is the "light end". This end directs the light from the cable out into the water. This means that there is no power in the water and when its time to change a light bulb its easy to do since the bulb is on shore in the illuminator box not underwater! Up to 20 fiber optic cables can be run off of one light bulb in the illuminator box.



### ***New advances for Fiber Optic Lights:***

*EasyPro is pleased to announce that we have made significant improvements to our advertised Fiber Optic Lighting packages. Following are the improvements:*

The four light and six light kits we offer in our catalog now come with a much improved power illuminator. The original illuminator was a painted metal enclosure with one cooling fan and a color wheel with five colors. Our improved illuminator includes all of the following improvements:

- A stainless steel enclosure that is lockable
- Two internal cooling fans
- A color wheel that has eight colors instead of five
- The enclosure is waterproof and dust-proof (important!)
- The brightness of the bulb is adjustable

Our cost for this improved illuminator box is \$200 more than the old box. We are absorbing 50% of that increase. **All four and six light fiber optic sets will be \$100.00 more than shown in the catalog.**

In addition to the improvements listed previously to the illuminator we have changed the bulb from a halogen bulb to a **metal halide bulb**. These bulbs are far superior to halogen bulbs for the following reasons:

- 150w metal halide illuminators are 69% brighter than 150w halogen illuminators
- Life of the bulb for metal halide unit has average life of 6000 to 9000 hours, life of the bulb for halogen unit is 1000 to 1500 hours
- The bulb for the metal halide unit has overheat protection circuit on-board. The bulb for halogen unit does not have that option

Another neat feature to this improved illuminator is the ability to upgrade to an on-board circuit controller which will allow the user to program up to 21 options including selecting only certain colors of light and adjusting the speed of the color wheel to be faster or slower. This on board electrical upgrade will cost \$190.00

Lastly, if the circuit board upgrade above is incorporated you can also do another upgrade to a DMX controller which allows you to make the lights music or sound activated!

As you can see we have made significant improvements to our system which was already the most advanced fiber optic system available in the market. Without question this system is the most superior fiber optic light system available on the market today! We stand behind this claim with a money back guarantee that no one else even comes close to matching!

#### ***Our standard kits are:***

**FOL4** 4 light kit with advanced illuminator box, (2) 14' and (2) 18' cables

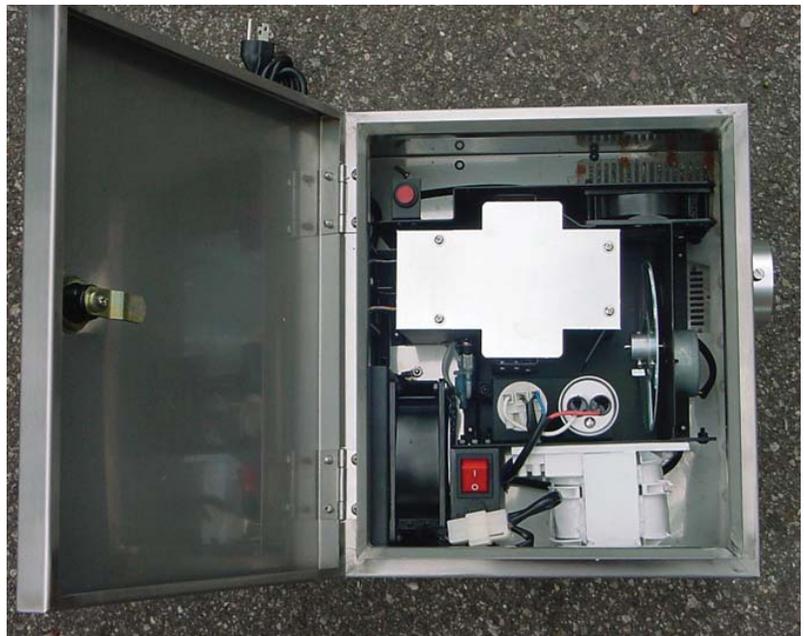
**FOL6** 6 light kit with advanced illuminator box, (2) 14', (2) 16' & (2) 18' Fiber optic cables

*In addition to these two kits we can custom build kits with up to 20 lights all off of one illuminator box. The cable lengths for each light can be varied up to 40' long. Following are the part numbers for these parts:*

**FOI** fiber optic illuminator box

**FOC** fiber optic cable, sold per foot

***Simply contact us with the number of lights and the length of each cable and we can quickly figure out a package price for you!***



**EASYPRO FIBER OPTICS "SIMPLY THE BEST"**