FiberLuminator™ Owner's Manual
(for aboveground pools)

IMPORTANT SAFETY INSTRUCTIONS
READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS

⚠ WARNING
Before installing this product, read and follow all warning notices and instructions accompanying this system. Failure to follow safety warnings and instructions can result in severe injury, death, and property damage. Call (800) 831-7133 for additional free copies of this manual.

⚠ WARNING
THIS IS NOT A TOY. Do not hang on top rail adapter assembly or twist excessively as damage to assembly may occur. Sharp glass or plastic pieces from damaged light adapter cup can create a hazard which could result in serious injury to pool users, and may also cause property damage. Do not pull or hang onto perimeter cable. Loose cable can cause a choking or entrapment hazard which could result in death or serious injury to pool users.

I.   BEFORE YOU BEGIN

This product is designed for use with the AquaLuminator/Quasar above-ground light only. Your FiberLuminator fiber optic system may require the purchase of a FiberLuminator-ready AquaLuminator/Quasar (p/n 98605200) or an upgrade of the AquaLuminator/Quasar bulb body (p/n 69100000). The FiberLuminator will not provide the proper light output without the upgraded bulb body. You can identify a "Fiber Optic ready" bulb body by examining the lens detail; see Figure 1.
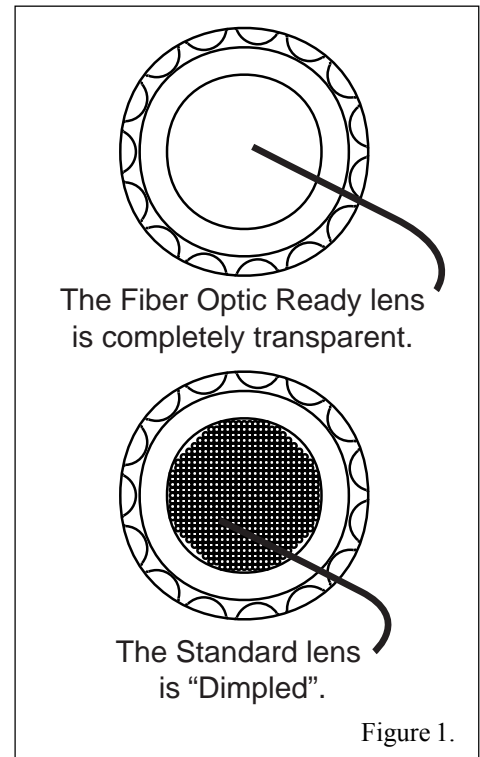
A.   Tools required to complete the job:

1.   Sharp scissors

2.   FiberLuminator Tape Kit P/N 840179 (sold separately)

3.   Masking tape (optional)

Two people are recommended to complete this installation.

II.   INSTALLATION

A.   Install above-ground light or bulb body upgrade per instructions provided with above-ground light.

B.   For ease of installation, drain pool until water level is just above the bottom of the skimmer port.

C.   Clean backside of top rail inner wall with mild cleaner/soap such as Formula 409® or Fantastik®. Rinse with water. Dry thoroughly. Clean the fiber optic cable (front side) with rubbing (isopropyl) alcohol. You can also clean the back side of the top rail inner wall with rubbing (isopropyl) alcohol.

The Fiber Optic Ready lens is completely transparent.

The Standard lens is "Dimpled".

Figure 1.

D. Installing the top rail adapter.

1. Select the location for the top rail adapter. Place the top rail adapter to either side of the vertical center line of the light, allowing the adapter lens to be easily positioned directly in front of the center of the above-ground light lens; see Figure 2.

2. Lay the cable out around the edge of the pool with the adapter assembly close to the proper position. Arrange cable so that the grooved side of the cable tail will mate with the backside of the top rail inner wall. It may be helpful to temporarily tape the cable onto the top of the top rail with masking tape.

3. Place the piece of double-sided foam tape on the inside face of the front wall of the top rail adapter; see Figure 2.

4. Place top rail adapter onto the top rail and lock into place with retaining wedges, as shown in Figure 3.

    a. Hold the front part of the top rail adapter where the tape is located away from the top rail until the adapter is all the way up in position.

    b. The front of the adapter should be flush with the top rail and placed as high up as possible.

    c. Be sure to firmly press on the front of the top rail to set the tape then lock into place with the retaining wedges.

E. Installing the cable.

1. Starting from either side of the top rail adapter lay 4 to 6 feet of the cable out on the top rail with the snap side of the cable tail facing down.

2. Apply the double-sided foam tape onto the front side of the cable tail. Leave the green liner in place. If possible, have an assistant help keep the cable straight and flat while unrolling the tape.

IMPORTANT NOTE

DO NOT stretch the cable or tape during installation! It will fail to adhere to the top rail. Also, the cable must be completely dry for the tape to adhere.
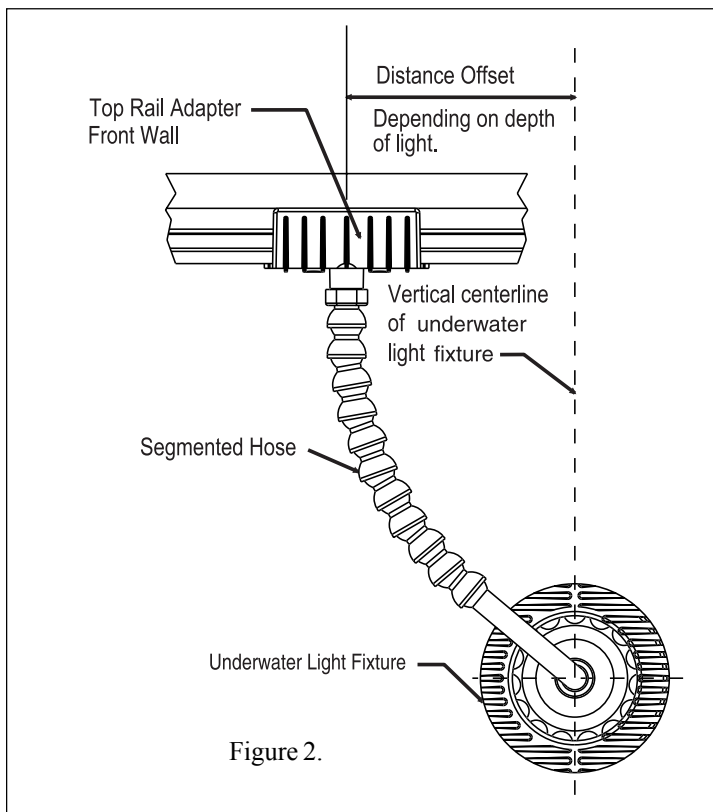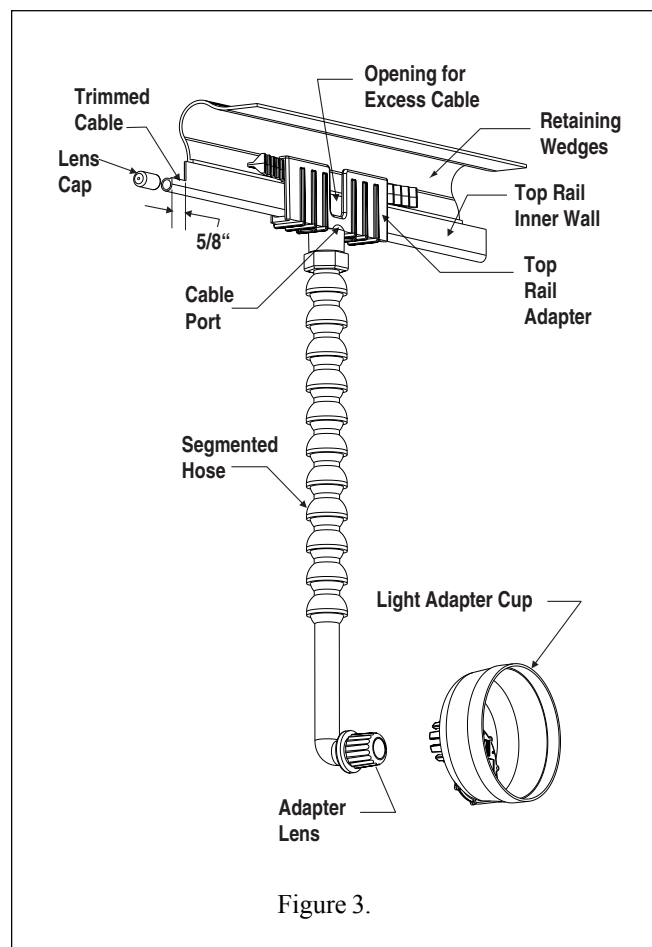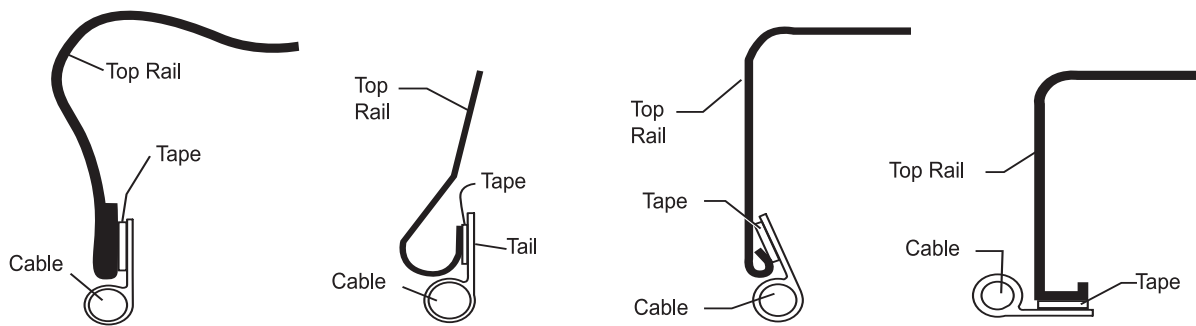

Figure 2.

Figure 3.

Figure 4. Flexible fiber optic cable tail fits most top seats.

3. Peel a small section of the green liner back and begin adhering the cable to the top rail as shown in Figure 4. **Once you have finished a section, go back and firmly press the cable tail onto the top rail edge.** This will ensure a good adhesion to the top rail.

4. When approaching a ledge cover, adhere the cable to the bottom of the ledge cover or run the cable behind it.

5. Continue this process until you are half way around the pool then repeat the process on the other side until the cables mate on the opposite side of the pool or 5 ft. from the end of the cable.

F. Securing excess cable (for 80, 90, and 100 ft. models only).

1. Position extra top rail adapter so that extra cable is coming out opening in back of adapter. See Figure 3.

2. Place top rail adapter onto top rail and lock into place with retaining wedges as shown in Figure 3.

   a. Hold the front part of the top rail adapter where the tape is located away from the top rail until the adapter is all the way up in position.

   b. The front of the adapter should be flush with the top rail and placed as high up as possible.

   c. Be sure to firmly press on the front of the top rail to set the tape then lock into place with the retaining wedges.

3. Use cable retaining clips and cable ties to hide the extra cable underneath the top rail as shown in Figure 5. Fold the cable back in 2 to 3 foot sections and secure with clip/cable tie assemblies.

G. Snap the light adapter cup into position on adapter lens.

H. Allow at least 24 hours for tape to fully cure before using system.

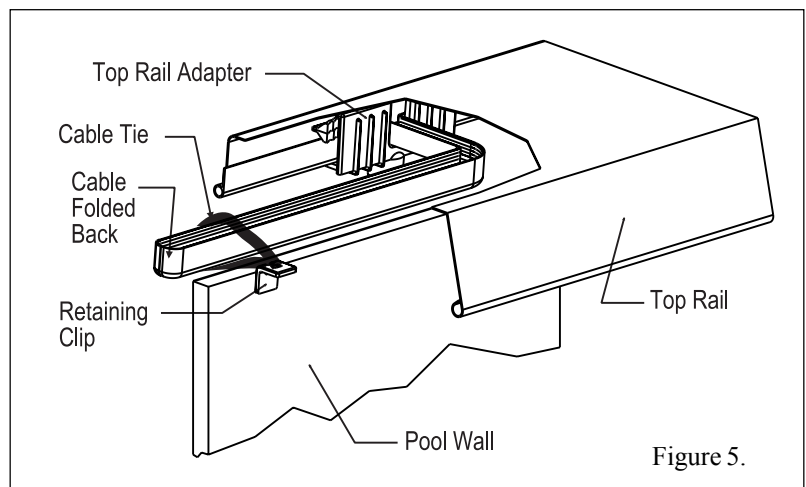Figure 5.

III. OPERATION

<table>
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<tr><td align="center">⚠ WARNING!</td></tr>
<tr><td>Operating the FiberLuminator perimeter lighting system does reduce the amount of light in the pool. Additional light sources may be required to provide adequate lighting of your pool for nighttime use. Failure to provide adequate lighting can result in swimming and diving hazards that can cause severe injury or death.</td></tr>
</table>

A. To enjoy perimeter lighting, position the light adapter cup in front of the above-ground light by bending the segmented hose until the cup is in position. The edge of the cup will fit into the groove between the light lens and flow director. The tension of the segmented hose will hold the cup in place. DO NOT excessively twist segmented hose or position adapter cup by pulling on the cup itself.

B. Select a color by rotating the color wheel on the light adapter cup until the desired color appears and the wheel clicks into position.

C. To turn off perimeter lighting, simply slip the cup back out of the light and bend the assembly out of the light path. Position the adapter assembly in an inconspicuous location such as under the top rail, against the pool wall, so that the assembly will not get damaged. Remember to move the assembly by bending the segmented hose only. If the pool sees heavy use the light adapter cup can be carefully removed to further ensure no damage occurs to the assembly.

IV. REPLACEMENT PARTS

1. Light adapter cup w/color wheel   p/n 840052
2. FiberLuminator Tape Kit   p/n 840179

SAVE THESE INSTRUCTIONS.