

# **FIBER OPTIC TECHNOLOGIES**

**MODELS FT75QNVI/G 12x24, FT75QNVI/G 16x32 &  
FT75QNVI/G 20x40**

## **CONCRETE AND FIBERGLASS INGROUND POOL INSTALLATION MANUAL**

Please read the GENERAL MOODLIGHT INSTRUCTIONS first, before proceeding. This will give you a general overview before reading the specific details for installing your new **Inground Pool MOODLIGHT** system.

### **Product Included in the kit.**

- One MOODLIGHT 75 watt light source.
- One-section 6 feet two part, over the deck track to hide the cable.
- MOODLIGHT Fiber Optic “U” shaped extruded flex track, length (various depending on the package).
- MOODLIGHT Fiber Optic cable, length (various depending on the package).
- One length of double sided tape to mount track to staircase areas.

### **Preliminary Layout**

**BE CAREFUL DURING THE LAYOUT AND MEASUREMENT OF THE POOL NOT TO PULL ON THE FIBER AT THE PORT CONNECTOR INTO THE BOX.**

1. The first step is to determine where to place the light box, the closer to the pool the better. Remember you have a specific length of fiber optic cable attached to the MOODLIGHT 75-watt light box. This length depending on the kit you purchased must cross the deck, travel around the entire perimeter, and return to the light box, crossing the deck twice. Calculate the entire length required before you start. This measurement will help determine the maximum distance that the light box is away from the pool. It must be at least 5 feet and preferably should be 10 feet away from the water’s edge.
2. Once you can place the box in a fixed position, you now install the base section of the “over the deck“ track at right angles to the pool.
3. The next step is to install the “U” shaped flex track by applying the double-sided tape to the track [supplied by Fibertec in the kit].

4. Make every effort to tuck the track up as far as it can possibly go to the underside of the deck. Peel the paper backing from the tape and mount the track as straight as possible.
5. Next, using a silicone caulking compound [not supplied], seal the upper and lower edges of the track to prevent water penetrating behind the track.
6. If the pool is equipped with a staircase, you will install this portion using the double-sided tape and caulking process too. After affixing this track section it would be advisable to add a few self tapping screws drilled carefully through the track and through into the staircase.(Screws not supplied)
7. It is time to install the fiber optic cable starting from the MOODLIGHT box lay the fiber out as straight as possible.
8. Carefully install the one fiber into the over the deck track base section. Carefully make the transition in one direction, and press fit the round fiber optic cable into the opening in the “U” track. Continue around the pool back to your entry point.
9. Continue back over the deck through the second insert in the track and back to the MOODLIGHT light box.
- 10.If there is any excess fiber it should be carefully looped and hidden out of sight. Depending on the package you purchased this excess may vary from a short section or many feet. It is important not to cut it or kink this excess section. If you measured the light box position correctly the excess should be minimal.
- 11.Plug the MOODLIGHT 75-watt light box into a G.F.C.I. (Ground Fault Circuit Interrupter) electrical outlet.

**BE CAREFUL DURING THE LAYOUT AND MEASUREMENT OF THE POOL NOT TO PULL ON THE FIBER AT THE PORT CONNECTOR ENTERING THE BOX.**

Pulling on the fiber could displace the precut end and reduce the brightness of your installation.

# FIBER OPTIC TECHNOLOGIES

06/02/00

## INSTRUCTIONS FOR INSTALLING THE FLEXTRACK® FOR CONCRETE/FIBERGLASS POOLS or ACRYLIC STAIRCASES on VINYL LINER POOLS

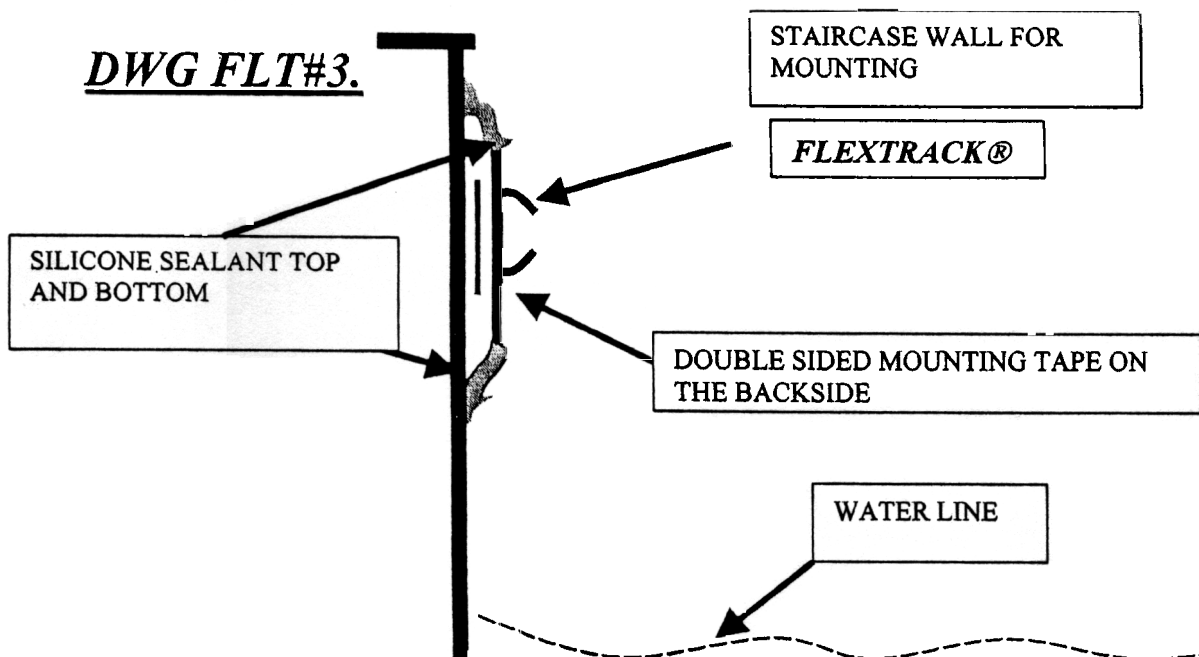
### Step by step procedure

- We recommend that the Flextrack® should be installed on a clean dry surface, above the water line, that is pre-cleaned and wiped with ISOPROPYL ALCOHOL. (*available at your drug store* to ensure the tape will stick)
- Next, start to peel the backing cover off the double-sided tape. With only 5-6" exposed, start to apply the FLEXTRACK® into the staircase in a straight line. Carefully install the FLEXTRACK® while you slowly peel the paper covering from the backing tape.

**NOTE:** The straighter you are now the better the finished job will look.

After you are satisfied that the track is straight and level with the track in the coping, you should apply a small bead of silicone sealant along the top and bottom edge. The double-sided tape is only an installation aid & is not strong enough or durable to hold the FLEXTRACK®. The silicone sealant is what will hold this on.(not supplied with the kit)

## FLEXTRACK®



INSTALLATION INSTRUCTIONS FOR FLEXTRACK®