



**2005**

## **Fiberstars Lighted Spillway Pot** **Installation Manual**

LPS20-45-B

Fiberstars Lighted Spillway Pots are designed for an easy method of installation that will provide your customers with years of lighted water enjoyment. These pots are designed to be mounted at deck sided, with or without, a raised bond beam.

### **3 Main Installation Requirements**

1. Run 2 PVC conduit/water lines – 1 – 1” for fiber, 1 – ¾” for Water supply
2. Insure that PVC conduits are 12-14 inches back from waters edge and 3-5inches apart (Figure 1)
3. 6 to 8 GPM water supply with gate or ball valve (for flow adjustment)

These pots are designed for installation at water edge. Be very careful in your location and installation as this is a permanent installation once completed.

1. To install these pots, please see directions for water and conduit pipe locations in reference to the water edge on the pool. (Figure 1)
2. Locate the pot over the water and conduit pipes, keeping in mind the two critical requirements on this stage of installation:
  - A. Make sure that the spillway lip of the pot is square to the waters edge. Make sure that the lip of the pot is located at the waters edge.
  - B. Locate the approximant center of the pot and position it over the pipes.

**After pouring deck material, trim both PVC pipe so that they are approximately 3” above top of grade level. (Figure 2)**

### **INSTALLING FIBER**

Take both fibers bundles located on the underside of the pot and pull them through to the illuminator.

Be sure and leave approximately 3 ft of fiber cable coiled up on the underside of pot. This will allow you to relocated pot for winterization or installation of winter cover where required.

Seal conduit connection on the underside of pot with silicone or other water tight material to prevent moisture from entering fiber conduit.

Install fiber into illuminator per porting instructions.

**NOTE:**

**Fiberstars Lighted pots are impregnated with a bronze material. Though showing a light patina, these Lighted pots will continue to patina over time enhancing the beauty for years to come.**

## **HOOKING UP WATER CONNECTION**

### **You must flush water supply line clean of debris prior to installation of lighted pot.**

The lighted pot come with 3 ft of flexible tubing pre-attached to bubbler assembly.

1. Glue included PVC coupler onto top of PVC water supply pipe.
2. Thread 90 degree adapter elbow onto the PVC coupler. Make sure to use Teflon tape or other material to ensure water tight connection.
3. Slide hose clamp over flexible hose, then pushing hose onto the 90 degree elbow. Tighten clamp for secure connection.

Final positioning of pot is done by lifting and twisting pot so that the fiber and tubing on the underside of the pot is coiled so that excess material is contained underneath pot.

Position pot scupper edge so that it is properly aligned to the waters edge.

Open valve to allow the pot to fill with water.

Adjust water valve for the desired flow.

## **FOR WINTERIZATION OR INSTALLATION OF WINTER COVER**

Shut off water supply flow

Drain pot

Lift pot so that the clamp can be accessed on the lower 90 degree fitting.

### **BE CAREFUL WHEN LIFTING THAT YOU DO NOT SNAP FITTING.**

Remove hose from fitting and unscrew fitting from pipe.

Blow water line clear and plug pipe with threaded plug.

The lighted pot can now be moved up to 3 ft away as long as 3ft of excess fiber was coiled initially underneath pot.

For total removal of pot from area, you must remove fiber from illuminator port assembly and pull total length of fiber back to pot. Upon reinstallation you must re-pull fiber from pot area to illuminator and re-port on startup per illuminator directions.

