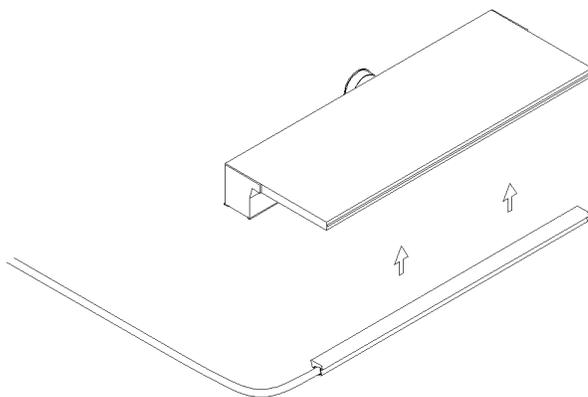




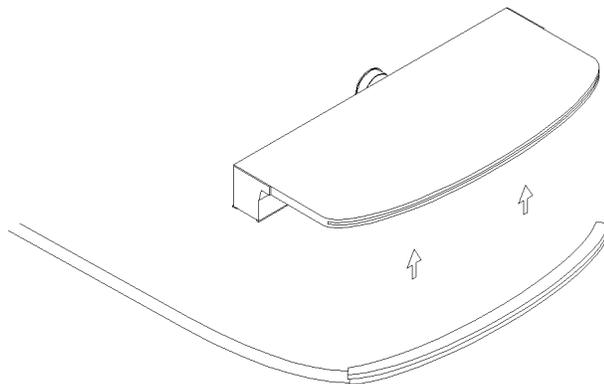
# Waterfall Light Bar Kit

## **INSTALLATION MANUAL**



**Attaches to any waterfall:**

- SHEERS
- RADIUS SHEERS
- RAINS
- RADIUS RAINS



<b>Part #</b>	<b>Description</b>
WLB12-45	Waterfall Light Bar, 12" wide, 45' of 25-strand fiber
WLB18-45	Waterfall Light Bar, 18" wide, 45' of 36-strand fiber
WLB24-45	Waterfall Light Bar, 24" wide, 45' of 50-strand fiber
WLB36-45	Waterfall Light Bar, 36" wide, 45' of 75-strand fiber
WLB48-45	Waterfall Light Bar, 48" wide, 45' of 100-strand fiber

**Note:** We strongly recommend using Rain Waterfalls when using a Waterfall Light Bar (WLB). The lighting effect on Rain Waterfalls is much more dramatic than on sheer falls.

For all sizes of Waterfall Light Bars install 3/4" PVC conduit from the left side of the fall (see Fig. 1) to the illuminator location. The conduit should be placed so the top of the hole in the conduit is even with the bottom of the waterfall lip.

The Waterfall Light Bar can be installed before or after the fall is installed, however mounting method 'A' is best for falls that are already installed or of multi-material construction and method 'B' is best on falls of PVC construction, prior to installation. **Note:** Installation of light bar on radius falls before the fall is installed is recommended. Making sure the bevel on the light bar track is angling away from the pool wall, toward the back of the water (see Fig. 2). Simply attach the light bar to the fall using mounting method 'A' or 'B'. Be careful not to obstruct the water flow with the light bar track or adhesive.

**Method 'A':** Use a strip of thin, clear, double sided tape (FS-130) to hold light bar in place. Run a bead of Oxime cure silicone adhesive (FS-136) on the front and back of the light bar to secure and let it cure for the recommended time based on temperature and humidity.

**Method 'B':** Invert the fall so that the bottom is facing up, in a flat position. Ensure that the light bar is in the correct orientation; use a clear drying, regular to medium bodied PVC cement to glue the light bar in place. A medium set cement may make it easier when working with longer light bars. Allow cement recommended time to set up and cure.

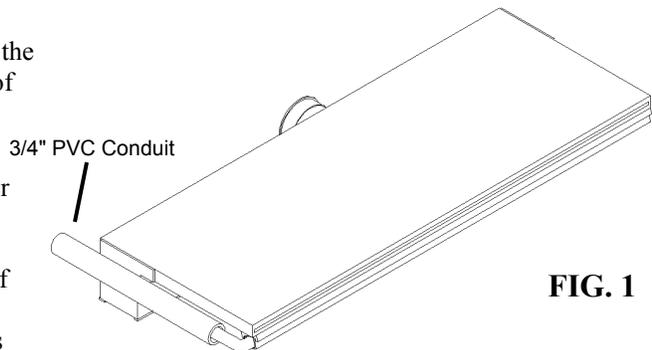
Gently pull the fiber tail through the conduit at the waterfall back to the illuminator location and port according to the illuminator directions.

**Important!** On sheer falls there must be 1 1/8" between the finished tile and the front lip of the fall. On Rain falls there must be 1 5/8" clearance for installation of light bar.

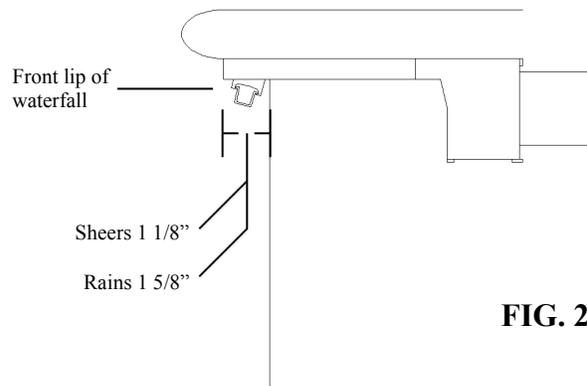
**Installation Tips:**

When installing multiple light bars make all fiber runs the same length to insure uniformity of light using the longest run as the guide.

**NOTE:** If using multiple units, it is highly recommended to have all fiber lengths the same to maintain even light output.



**FIG. 1**



**FIG. 2**