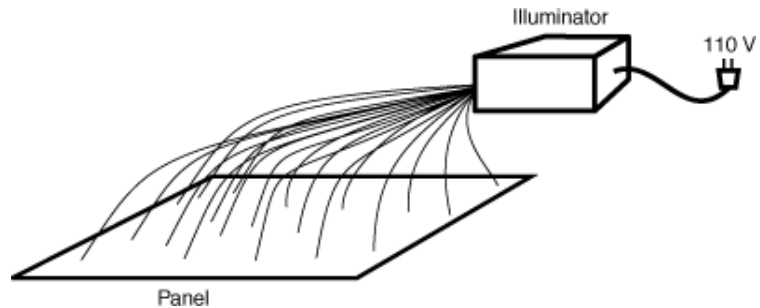# Fiber Optic Installation

Installation of Fiber Optics is very simple for the D.I. Y. or experienced professional.   If using th
startlite panels pictured below (illustration A). Simply mount the illuminator in a secure position such
as a beam, or mounting bracket. Metal Flashing works well in this application as well.   The illuminator
may be plugged in or hardwired by removing the plug end and exposing jacketed wiring to a 120Volt or
110 Volt power source.

All the fibers are contained at one end in a mounting bracket that connects to the illuminator by use of
(2) Philips #1 screws.

Next, one will remove the plastic sleeve surrounding the fibers. Then individually thread the fibers into
the pre-drilled holes in the panel. (* If using a medium other than panels, we recommend that you use
a 2mm drill to pre-drill your holes. Marking your hole placement with a small round sticker will aid you
in finding these holes later.) When threading the fiber strands into the holes, make sure to push
through atleast 4” of the fiber to the other side.

Once you have threaded all strands, you may use a glue such as super glue or tape to hold the fibers
securely into place. This is not necessary, however recommended. If using panels, place them into
final position.

Now on the exposed or visible surface side you will trim the excess fiber material to 1/16” from the
surface. A uniform way to do this is to cut the excess material off with a pair of fingernail clippers.

That’s all there is to it. Very soon you’ll will have the fiber optic ceiling that dreams are made of!