



CELESTRIAL FLOOR FIXTURE INSTALLATION DIRECTIONS
SEE SEPERATE INSTALL DIRECTIONS FOR LED X-STREAM LIGHT DRIVERS

These unique fixtures and fiberoptics cable kits will allow for the installation of fiberoptic Points of light into the interior of a gunite pool. These kits are **NOT** designed for use in fiberglass or vinyl pool applications.

INSTALLATION

1. Install the X-Stream LED Driver (light source) per direction included with driver
2. 1 ½” conduit should be run from the X-Stream LED Driver location to the general location within the pool where the Celestial Floor fixtures are going to be located.
3. After Gunite, the 1 ½” conduit should be cut down so that it is below the interior surface area.
4. Take the Cestrial Floor Kit assembly and layout the fiber so that the fiber can be pulled back through the conduit. It also helps the fiber get warm, so that it is easier to place the fixtures down on the pool surface.
5. Mark on the pool’s interior surface a location for each Celestial Floor Fixture.

Note: It is recommended that after this point in the installation you go to a location where you can view the overall design of the Celestial Floor Fixtures before proceeding further.

6. At this time, pull the fiber through the conduit and remove any slack from the pools interior.
7. Use a small amount of caulking on the base of each Celestial Floor fixture to hold it in place on the gunite surface.

Note: You may also elect to form a small pocket in the gunite in which the Celestial Floor Fixture can be caulked to. This helps reduce the amount of plaster, etc. that will be required to cover the fixture.

8. Make sure all the fiber running from each Color Light Stream Floor fixture is laying flat. You may want to use a small amount of caulk on any strands that are trying to rise up off the floor.



IMPORTANT STEP

Make sure all the Celestial Floor Fixtures are secured in place. Use a Portland cement mixture to plaster over all Celestial Floor Fixtures bases, fiber and conduit entry points. It is very important to ensure that there is no leakage at the conduit entry point(s). This method of going over the fiber strands and the Celestial Floor fixtures also helps protect the fiber/fixtures during the plastering process.

After securing each Celestial Floor Fixture - run all fiber back to X-Stream Driver via the 1 1/2" Conduit previously installed.

Next Step is to have the interior surface (plaster) installed within pools interior

8. Once the interior surface has dried, trim each Celestial Floor Fixture flush.
9. To change the light effect out of each fixture you may do the following to the remaining tip that is flush with the interior surface:
 - A. Polish the tip with wet/dry sand paper. This will give you the least amount of light from the tip.
 - B. Use a medium grade sand paper and sand the tip end. This will achieve a higher amount of light output than item A.
 - C. Use a very heavy grade of sand paper and make the tip end extremely rough. The rougher the tip end is made the more light it will produce.
10. The final step is to install fiber according to directions in the X-Stream LED Driver directions

This product requires no maintenance and in fact over time as the Celestial Floor Fixture tips become rougher, the tips will glow even brighter.

Multiple kits can be used to create more elaborate effects.

This product can also be used in most decking materials.

For additional information please contact SAVI at the numbers indicated below.







