

INSTALLING THE **AB900K2 TIERED LIGHT COMPONENTS & SYSTEM**

(Users should examine their fountain to make sure they can add this light system to the specific fountain design. Stonecasters LLC cannot guarantee that this light system will fit through every Henri Studio fountains or others.)

The AB900K2 Light System can be installed from the bottom up along with the bottom-up construction of your fountain. What you will need to do ahead of installation is to make sure passageways through the bowls and pedestals of the fountain provide for the cords and plugs of the AB900K2. Many Henri Studio fountain pieces already have access for this kit. Others will need some craftsmanship.

For any pedestal you wish to string the light kit through, the bottom of the pedestal needs to have a 3/16" or 1/4" horizontal groove or space through which the light power cord can use to move from the outside to inside. For any bowl in which you wish to display lights, the bottom of the bowl needs a 5/8" hole to allow you to pull the power cord and mini-plug through.

Therefore, you may need a 5/8" masonry drill, a grinder to cut a 1/4" groove, and plumber's putty or silicone sealant to close the remainder of the drilled holes when you are done.

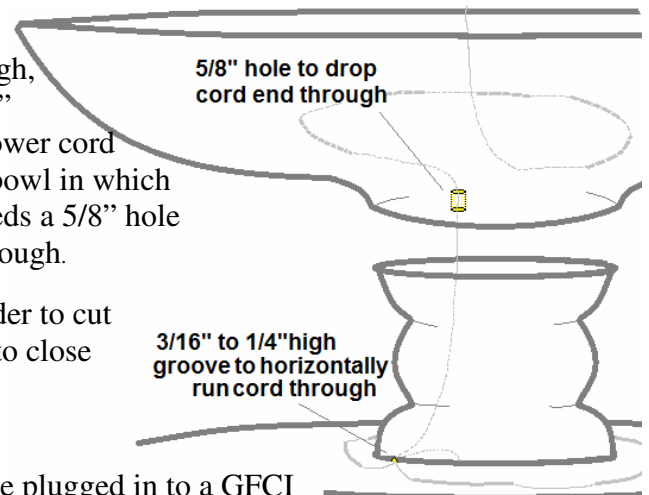
Then, determine how far from the fountain your light transformer will be placed. The transformer should be plugged in to a GFCI protected 115V circuit in an upright direction, with the 10' adapter cord attached tightly below it, above the ground and lawn. If the 10' adapter cord will not be able to reach all the way inside the first bowl, then additional 8' extension cords should be connected to reach into the first bowl.

As the fountain is being set up from the bottom pieces first, when the water pump is placed and its power cord is pushed down through the bottom of the fountain, that is when the light set extension cord should also be pushed down through the fountain and out toward the transformer. You will need to use the two-hole stopper to close up your bowl around the two power cords. Make sure to push the male plug end of the cord down, with the female socket end remaining at the top. Keep enough extension cord at the top to reach just outside the pedestal which will be placed above the lowest bowl.

Connect the light string you want in that bowl to the top of the extension cord. Thread the nut tight to make watertight. (Do not over-tighten.) Drape the light string out to the side and set the next pedestal in the middle of the bowl. The cord should slip out the groove you made when you prepared the pedestal in advance – or through a preexisting opening. Loop the light string around the pedestal and then push the 30" connecting portion of it back through the same opening under the pedestal and pull up through the top of the pedestal. Then simply adjust the string of lights in the bowl to give even spacing to the light bars. *(We recommend use of a butyl caulking tape between the actual light bars and the concrete bowls to secure the lights in place.)*

Always follow local electrical codes and make sure to connect your fountain light system and pumps to a 115V GFCI protected outlet. Mount transformer above ground. Make sure all connections are tight and water proof.

A maximum 100 led lights should be connected to the AB900T transformer.



Set the next bowl on the pedestal, pulling the light cord up through the drilled hole or other opening. Repeat the above procedure for each new level.

Once the tip of the fountain (finial) is ready to install, place the small light ring on top of the finial piece and push its light cord down through the finial. This is another piece that you may need to add a drilled hole to or perhaps bring the light cord down through the water tube or next to the water tube. Place the finial on the top bowl and pull its cord out the bottom of the finial to plug tightly into the top bowl's light string. (If you do not want to use a light ring / plume light at the top of the fountain, then you will need to tightly thread the terminating cap into the end of the light string set to make it watertight.)

Check all threaded nut connections to make sure they are tight (and waterproof). Fill the fountain with water. Then you are free to plug in your transformer when you also start the water pump and enjoy your new lighted fountain.

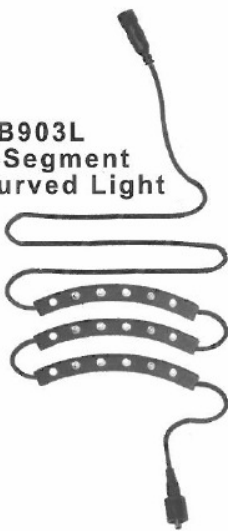
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Online Resources

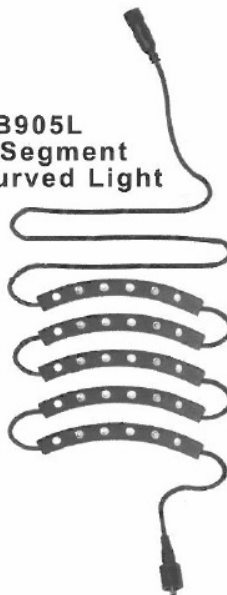
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AB900K2 COMPONENTS

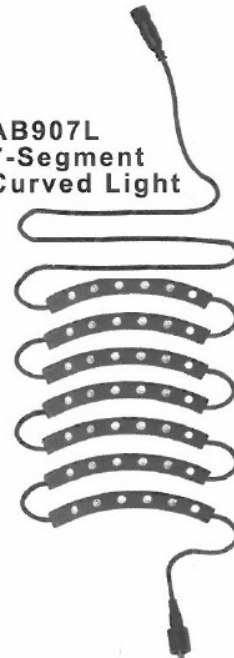
AB903L
3-Segment
Curved Light



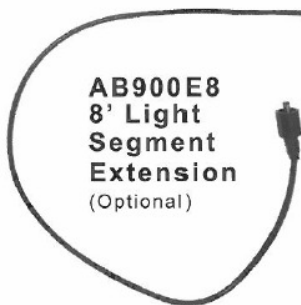
AB905L
5-Segment
Curved Light



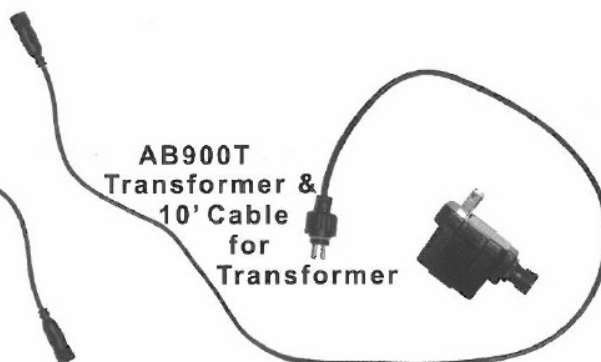
AB907L
7-Segment
Curved Light



AB900E8
8' Light
Segment
Extension
(Optional)



AB900T
Transformer &
10' Cable
for
Transformer



AB900L
Plume Light

