

# Illuminated River Rock Installation Procedure

1. Prepare the area onto which the rock will be positioned. If you'd like the rock to be resting directly on the ground, dig a 1.75 to 2-inch diameter hole that is approximately 1.5 to 2 inches deep. Our optional Support Stand can be assembled to the Illuminated River Rock (IRR) and placed into this hole.

Otherwise, the (IRR) will be supported by surrounding rocks as per subsequent images. Now is a good time to plan where your power cable will be routed. If you have existing pathway lights cable, open a pathway to it or other IRRs.

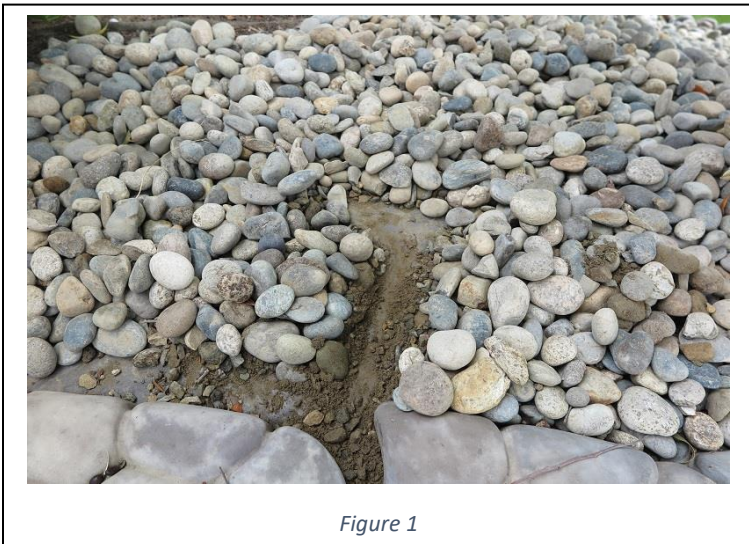


Figure 1



Figure 2

2. If you are not wiring your IRR to existing cable, you can use 18 gauge 2-wire cable with the optional wire connectors. First, split the cable as shown. Be careful not to cut into either cable's stranded copper wire. Unthread the wire connector assembly base and place here.



Figure 3

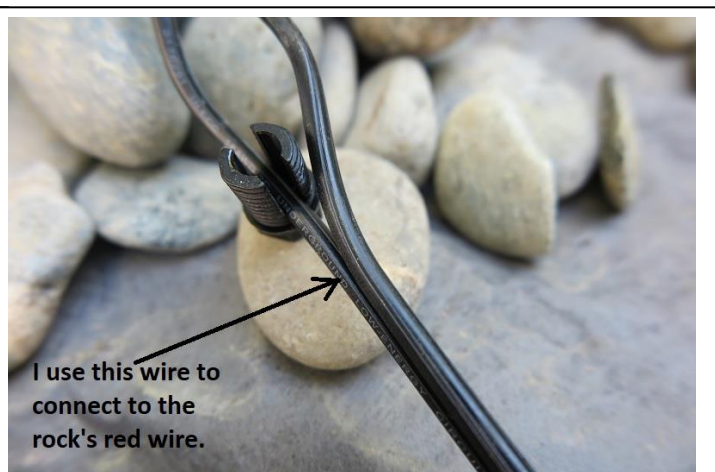


Figure 4

3. While AC wire connections to LED light connector wiring is not polarity specific, as a general habit I connect each of the IRR's red wire to the cable that has imprinted characters on it, as shown in figure 4. Assemble the red wire and then the black wire.
4. The following illustrated steps and subsequent photos depict the steps necessary to electrically connect the IRR's wire to the wire connector.



**Tip:** Tug on the first-installed wire to verify it is securely connected before assembling and testing the black wire.

Figure 5

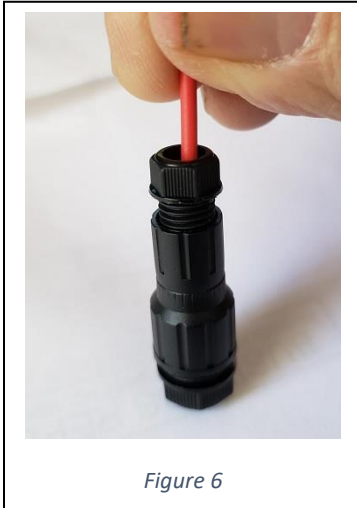


Figure 6



Figure 7



Figure 8

5. Position the connectors within the cleared area and cover the area close to the IRR with rocks, wood chips, or soil.

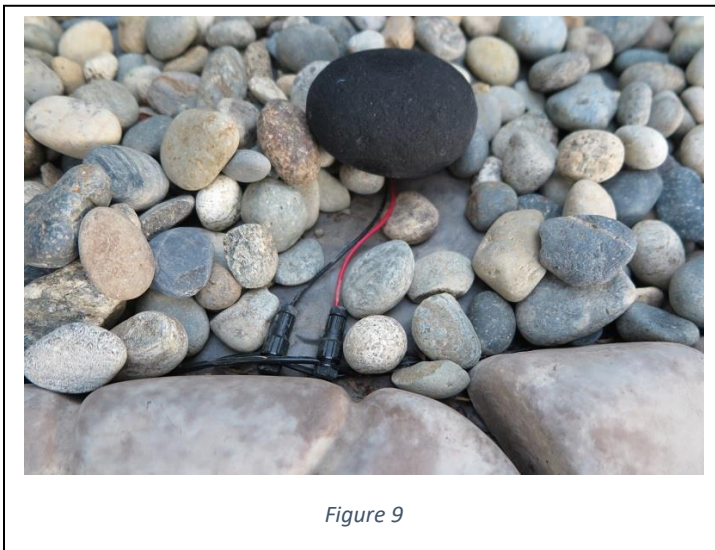


Figure 9

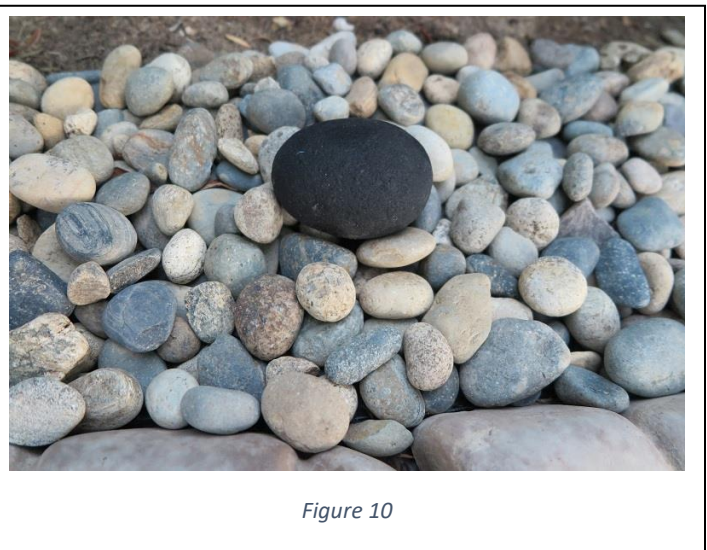


Figure 10

6. Route the cable to the next light or to existing cable.
7. If you do not have an existing transformer/power supply/controller unit, select one that is suitable for the number of lights you will have after consulting the manufacturer. Each of your IRRs has a 1.5- or 2-Watt LED bulb. Test your Illuminated River Rocks by applying 12VAC.