

Splicing Steps for Garden Stake Lights



Pull both power in and power out wires through 1/2" PVC tubing on stake



Crimp on splice connectors



Stagger connectors and slice PVC tube up wires



Insert connectors one at a time



Seat PVC
on 1/4"
NPT base
of light
fixture.

Note: The connectors should be oriented with wires coming up from below. The length of the PVC tubing can be varied but should be long enough to easily house staggered connectors with some extra room at the top and bottom. For added weatherproofing, a sealant like Silicone can be placed in the top of the PVC tube well above the connectors so that it can seal around the NPT fitting and the PVC tubing when fitted together.

Although the Tri-Cluster fixtures themselves are waterproof and submersible, a failure in the lighting system is typically a result of poor connections which have failed due to corrosion. In this example, the feed wires, both in and out, are 30 gauge which the connections used are designed for.

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