



## 1" Recessed Step Light Installation Instructions



### Before Starting:

- Make sure power is turned OFF before installing fixture.
- Install fixture at least 10' away from pool, spa, or fountain
- Fixture will operate on AC or DC 12V power only

### Transformer

Using installation instructions provided with transformer, mount to house or structure above ground. The line should be UV resistant, UL approved 18-2 wire, or thicker. If run is over 150', use 12-2 wire for runs up to 250' long. Do not use a transformer over 300 watts with the fixtures.

### Cut Hole

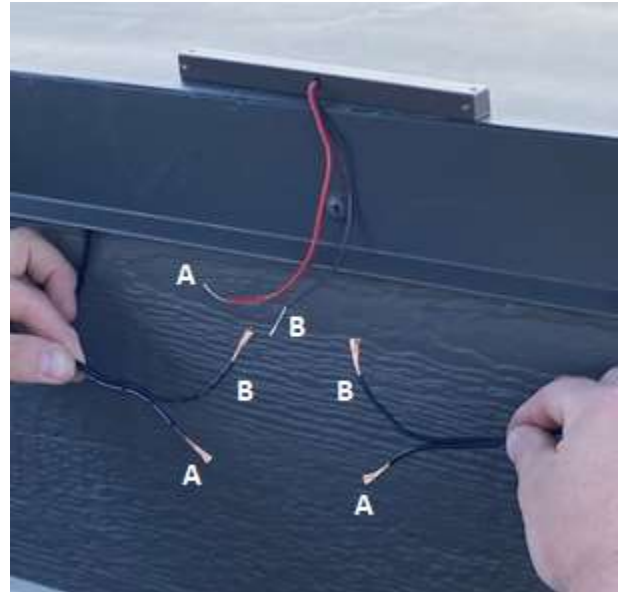
Determine the location of the fixture and drill a 1" round hole using a Bore bit.

### Splicing Wiring

Run a main line (home run line) from your transformer to run past where each fixture will be installed.

Cut the fixture wire to your desired length. Strip ½" of the wire protector off the end of both leads from the fixture. Take note of your main line, there should be a

rigid & smooth side, or a text & text-free side, to identify each side of your main line, this will be important when you reattach the wires. Cut your main line and strip ½" of the wire protector from each of your main line wires. You now have 6 total loose wires (4 from the main line & 2 from the fixture). Reattach the main line wires together, along with 1 end of wire from the fixture.



See example above, the main line pictured has a plain black wire & a black wire with a white line. These 2 wires will be reattached along with the red wire from the fixture. Make note to install each fixture the same. (i.e. if you install the red wire to the black/white main wire, do the same for each fixture). In this example, the wires labeled A will be attached to each other, and wires labeled B will be attached to each other. Use silicone filled wire nuts & wrap with electrical tape.

### Install Fixture

Pass the supply wires into the 1" hole and press the fixture into the hole. The fixture will stay in the hole with a friction fit.

Any questions or concerns, feel free to reach out via email: [sales@hpdlighting.com](mailto:sales@hpdlighting.com) or call: 888.582.5850