3” Recessed Step Light Installation Instructions



Note – All 3” step light fixtures come installed with an Attach & Go quick connect on the end of the line for a plug and play option that requires no wire splicing. These parts are sold separately.

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 3” round hole using a Bore bit or hole saw.

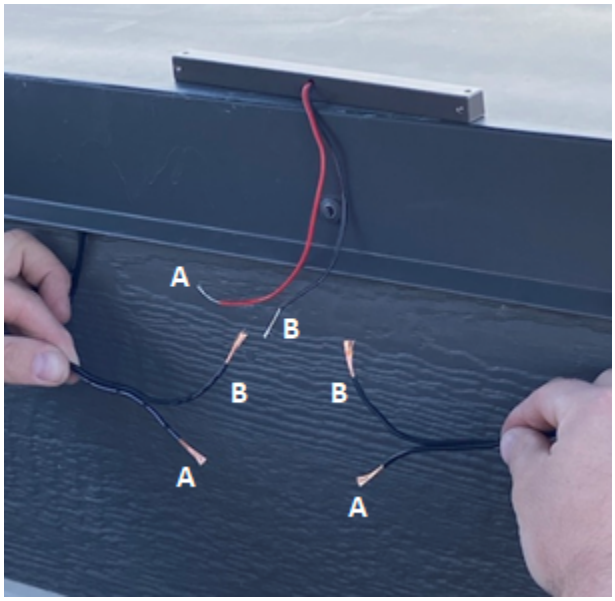


Splicing Wiring

To use a traditional wiring method (splicing fixtures onto a main line) continue here. To use Attach & Go connectors (additional connectors sold separately) refer to separate Attach & Go Instructions.

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

There is a connection just off the LED panel, making the panel easily replaceable, if damaged or defective. Cut the fixture wire to your desired length anywhere after this quick disconnect. 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.



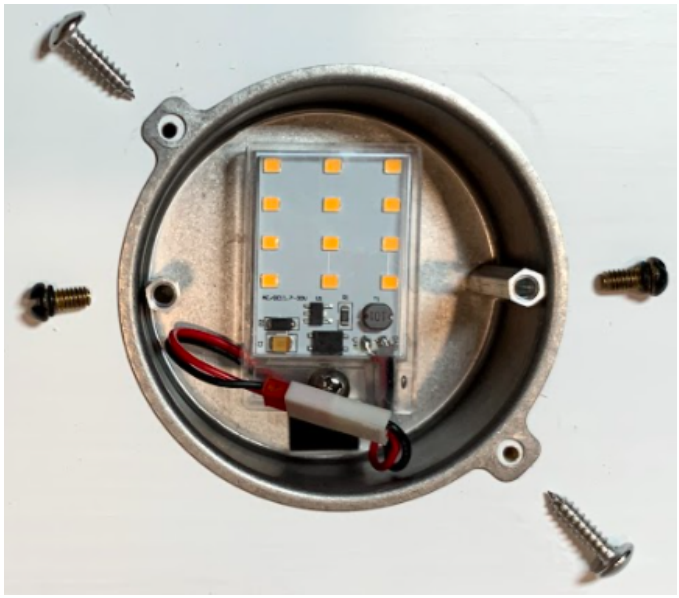
See example above, the main line pictured has a plain black wire & a black wire with a white line. These 2 wires will be reattached along with the red wire from the fixture. Make note to install each fixture the same. (i.e. if you install the red wire to the black/white main

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

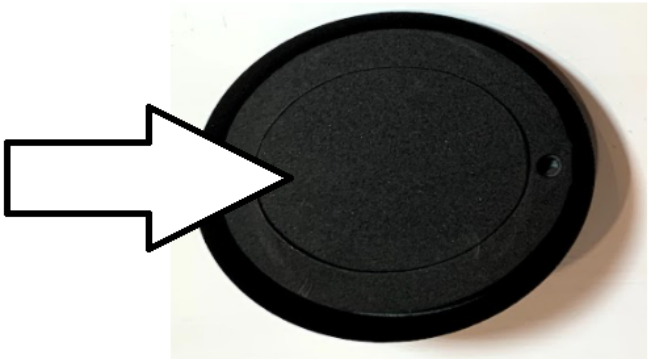
Pass the supply wires into the 3” hole and insert the housing. Line up the faceplate screw ports so they are level (note: the screw ports have threaded holes to accept the faceplate screws – there are 2 different designs depending on your step light style. See 2 examples below. Also note the wiring hole is facing down to allow any moisture to escape.





Pre-drill the holes for the wood screws to secure the housing to the surface with included wood screws.

Before installing the faceplate, test the operation of the fixture. Make sure to remove the foam backing from the faceplate before installing. Install the faceplate to the back box using included 2 faceplate screws.



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