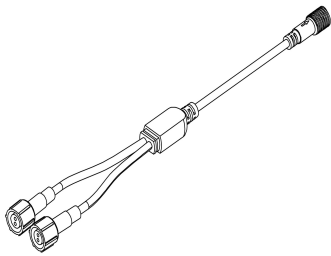


Aura Lighting Installation Guide

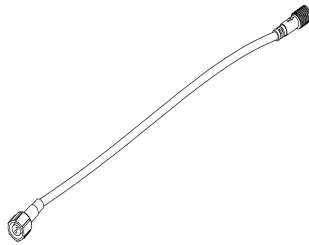
Read this guide and review shop drawings and notes before beginning installation.

These instructions are only a guide, and may not address every circumstance. The installer should determine and implement appropriate installation techniques for each situation. It is the responsibility of the installer to meet or exceed all code and safety requirements and to obtain all required building permits. Structureworks shall not be held liable for improper or unsafe installations.

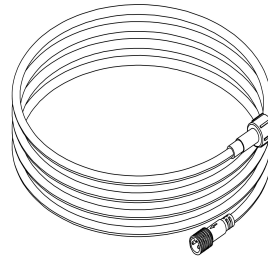
Components



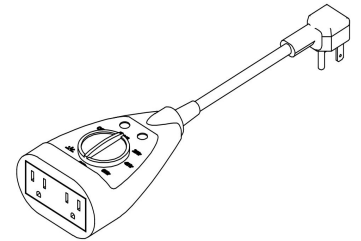
Splitter Cable



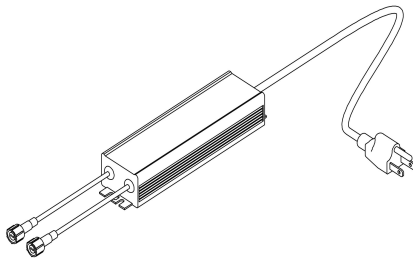
3' 3" Cable



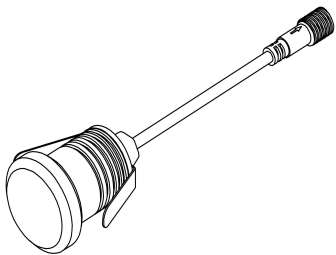
16' 4" Cable



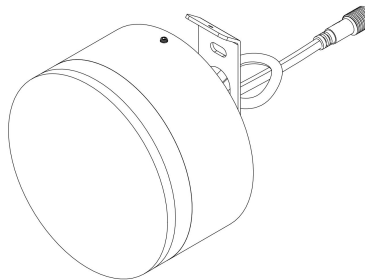
Timer with Photocell



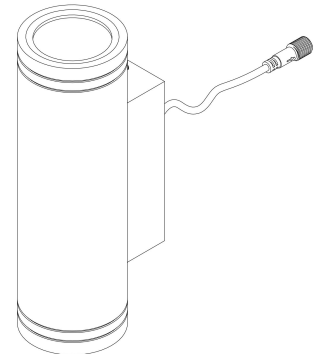
72 Watt Transformer
Input: 120V AC, 50-60 Hz .6 Amps
Output: 12V DC, 36 Watts/Lead
Connect to a GFCI protected receptacle.



Downlight
1 Watt



4" Round Column Light
4 Watts



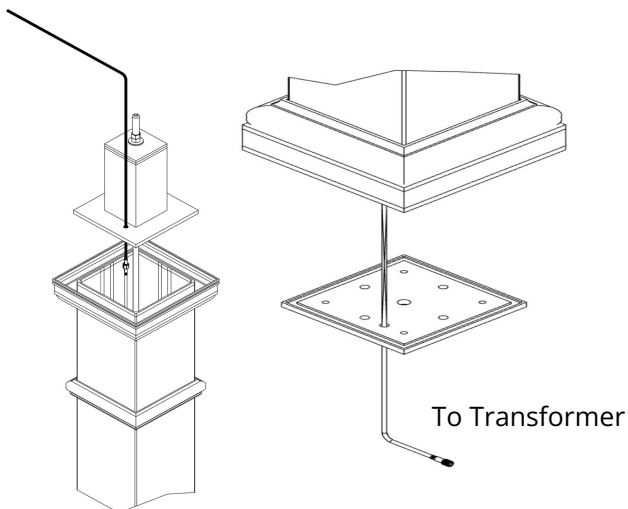
8" Up/Down Column Light
12 Watts

Installation Notes

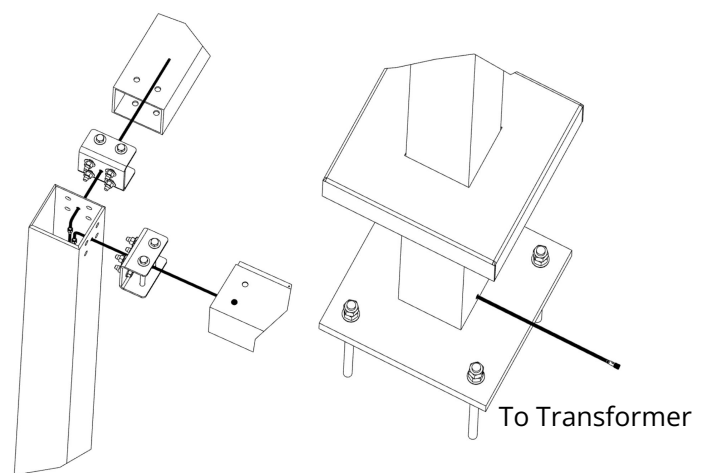
- Recessed lights are pre-installed in components with required interconnect cables.
- Surface mount lights are pre-wired; the lights are connected, and brackets are mounted during installation.
- It is recommended that power is connected and lighting is tested as it is installed. This ensures that any troubleshooting can be performed during assembly. All lighting is low voltage and safe to work with while on.
- All shop drawings include a detailed wiring diagram that shows wire routing and connections.

Installation Sequence

1. Connect the timer to a GFCI protected receptacle providing 120V AC power. Install the timer with the receptacles facing down and at least 12" above the ground.
2. Connect the transformer(s) to the timer. The timer is not required, transformers may be connected directly to a GFCI protected receptacle. Two transformers may be connected to the timer. Transformers may be mounted with screws using the metal tabs on each end of the transformer.
3. Connect one end of a 16' 4" cable to a transformer lead cable and the other end to the cable from the structure. If needed, multiple 16' 4" cables may be connected together.
4. Routing of the cable from the transformer to the column will vary depending on structure design. Below are typical conditions. Column plates must be drilled with a 5/8" hole for the cable to pass through.
5. Install any surface mount light brackets and fixtures.
6. Once all connections have been made and all lights are tested, the supply wire(s) from transformer may be buried 6" - 12" in the ground or stapled to framing for concealment.



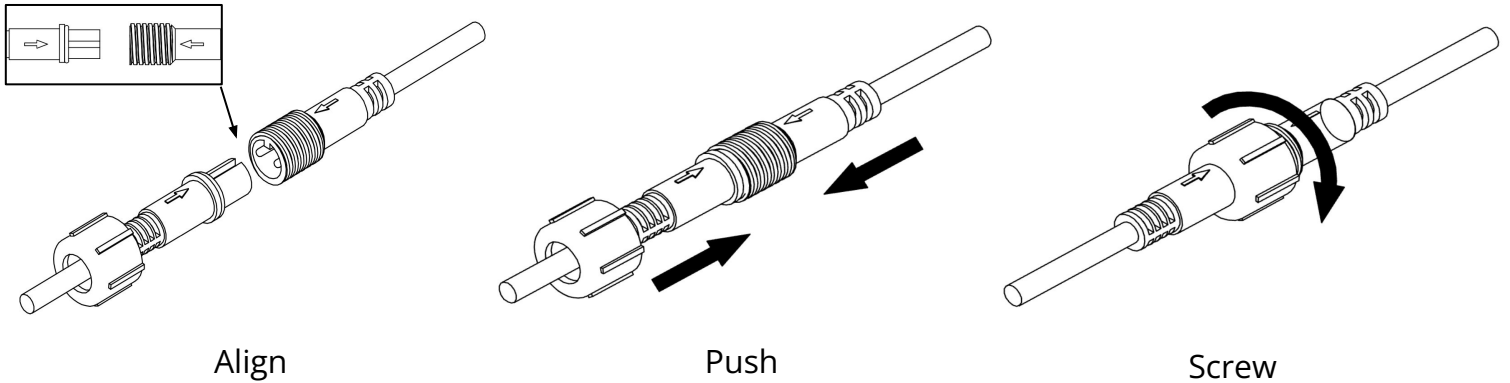
Fiberglass Column Wire Routing



Aluminum Column Wire Routing

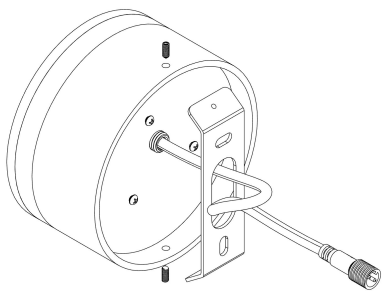
Cable Connection

All connections are made with terminated cables that provide a water resistant connection and maintain polarity.

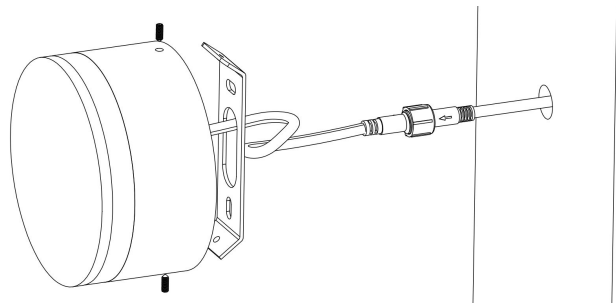


Surface Mount Light Installation

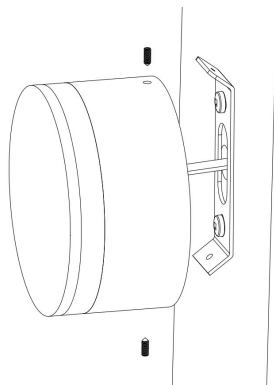
1. Remove the bracket by loosening the set screws with the provided Allen wrench.
2. Pass the cable from the light fixture through the hole in the bracket and connect it to the cable from the column. Confirm that the light illuminates.
3. Feed the connected cable into the column.
4. Place the bracket on the column. Using the bracket's small holes, secure with the screws provided with the structure. Mounting holes may be pre-drilled.
5. Place the light onto the bracket and secure with the set screws.



Remove Bracket

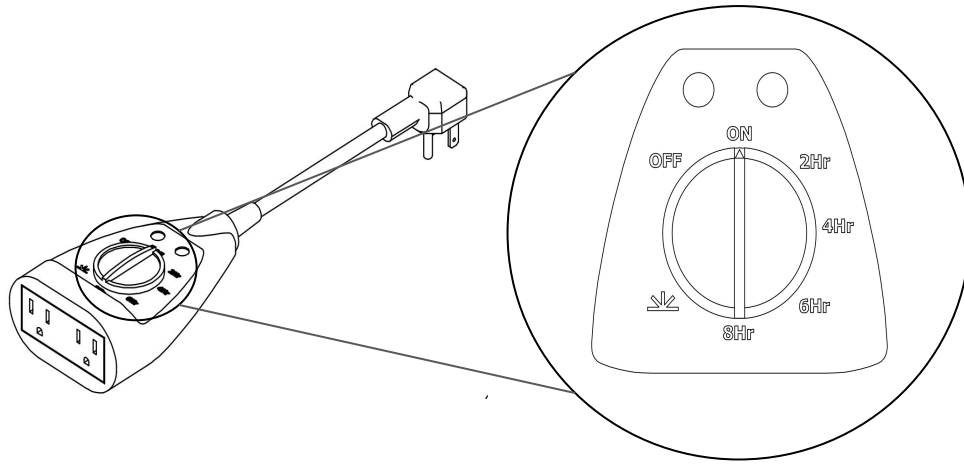


Connect Cable



Insert Cable, Reattach to Bracket

Timer Set Up



- The timer must be in view of the sun to use the dusk/dawn modes.
- Select the mode of operation:
 - Off
 - Always On
 - On at dusk, off after 2, 4, 6, or 8 hours
 - On at dusk, off at dawn

Recessed Light Replacement

1. Use tongue-and-groove pliers to firmly grip the fixture lens and pull down to remove.
2. Disconnect the light from the power cable.
3. Attach the new light to the power cable.
4. Insert the power cable and light into the hole. The retention clip will hold the fixture in place.

