



INSTRUCTIONS



OPERATING MANUAL

Introducing the Newest Innovation in Low Voltage Landscape Lighting. Plug-N-Go Lighting from Archipelago Lighting.

- Designed to be the quickest and easiest to install.
- Pre-wired fixtures.
- Transformer plugs directly into a power outlet.
- Photosensor for automatic dusk to dawn control.





CONGRATULATIONS

On Your Purchase

This system will provide years of trouble-free illumination for your home. Just follow these easy steps to design and install your system along with any additional fixtures you may have purchased. The system is expandable up to 45 Watts. For additional fixtures or accessories, please visit our website at: www.championelectronics.com.

ITEMS FOR INSTALLATION



2W



2W



2W



3W



3W

GATHER YOUR ITEMS TO START



45w 18v Dc Plug-In Transformer



Extension Cables



Y Branch Connectors

LET'S GET STARTED



Step 1. DESIGN

You'll need to determine where you want to position your lights, and what you would like to illuminate.

SPOT LIGHTS ILLUMINATE:

- Trees
- Bushes
- Walls
- Architectural Structures

PATH LIGHTS ILLUMINATE:

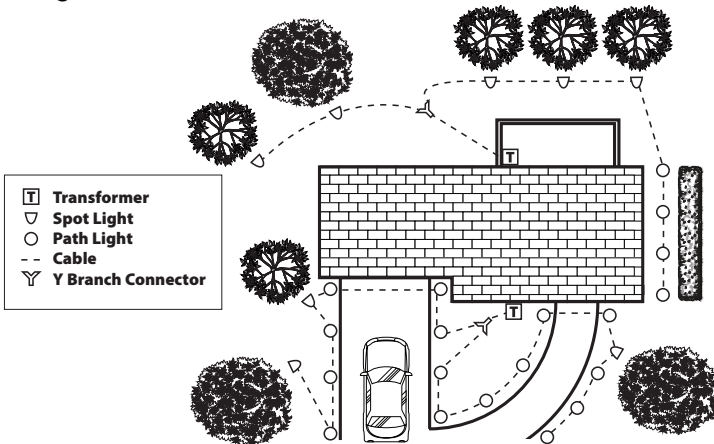
- Driveways
- Pathways
- Garden beds
- Accent or Safety Lighting

A variety of lighting effects can be achieved by adjusting the angle and direction of light. These adjustments can be easily made, once the system is in connected.



Step 2. LAYOUT

Place lights in the general vicinity of the desired lighting location. All lights are prewired with a 5 ft. female lead, and a 5 ft. male lead. Each lead utilizes our (Plug-N-Go) connectors for a quick and secure connection every time. No need for tools or hand pressure to make the connection. Attach ground stake and gently push light fixture into the ground.



NOTE:

If the ground is hard or rocky, you may need to dampen soil, or dig out a small hole and back fill with soil to support lighting fixture.



Step 3. TRANSFORMER

Locate a suitable 120V electrical outlet where you will plug in the 45 Watt transformer. The NEC recommends using a wet location cover for outdoor outlets. If the outlet you wish to use does not already have a wet location cover installed, these can be purchased at any local hardware store. The system can also be expanded up to 45 Watts. Please ensure the wattage of all the fixtures you plan on installing is less than 45 Watts.

EXPAND YOUR SET:

Additional fixtures to expand your set are available at www.championelectronics.com. Transformers are also available if your design exceeds the 45W power limitation.

NOTE:

The Plug-N-Go Transformer is 18V DC and not compatible with other Low Voltage Transformers. For Use only with Plug-N-Go Lighting Fixtures & Accessories.



Step 4. **CONNECT YOUR LIGHTS**

Now it's time to connect your lights. Always start connections at the transformer. There are 2 wires coming from your transformer (Diag. A).

DIAG. A:



CONNECT LIGHTS

1. Take the short lead and remove the cap (save this cap as you will put it on the wire at the end of your run).

2. Connect the male connector from one of the 10 ft. Extension cables supplied with your system to the female lead from the transformer.
3. Run the cable to the closest fixture in your layout and connect the male lead from the fixture, to the female connector from your 10 ft. cable.
4. Repeat this process from fixture to fixture connecting male to female connectors.

NOTE

If your fixtures are further than 10 ft. apart, you can add additional extension cables. Three additional 10 ft. extensions cables are included in this kit, but are also available at www.championelectronics.com. If your fixtures are closer than 10 feet apart, simply roll up the excess wire bury, or cover with mulch or ground cover.

If you need to branch off the main line, you can use the included Y branch splitter (Diag. B) to branch your line in two directions.

DIAG. B:





Step 5. TEST YOUR LIGHTS

Now it's time to test your lights.

1. Plug your transformer into the outlet.
2. Cover the photo sensor to simulate darkness.
3. Adjust light spacing and direction as needed.

NOTE

Once you are satisfied, You can bury the wire between lights or cover with mulch or ground cover for a beautiful no wire finish. The photosensor can also be hidden behind the electrical box cover. Make your final adjustments of lights at nighttime to achieve the perfect lighting effect.

FAQ

PROBLEM: My Lights do not light up when testing during the day after installation.

SOLUTION:

A. Make sure electrical outlet has power, GFCI or circuit breaker has not been tripped.

B. The photosensor that controls your lights is very sensitive to light. Make sure to completely wrap the photo sensor in a dark cloth or tape. The photosensor also has a 5 second delay. Make sure to wait several seconds for photosensor to turn the transformer on.

PROBLEM: My light cycles on and off at night after installation.

SOLUTION: The photosensor is receiving light possibly from a porch light, a street light or possibly from one of your installed fixtures. Make sure to locate the photosensor in an area where it receives ambient light, but not direct light from one of the sources listed above. Usually, you can wrap or tuck photosensor wire around the outlet cover with photosensor located below outlet where it is not receiving direct light.

PROBLEM: My desired fixture location is closer than 10 feet between fixtures. What do I do with the excess wire? Do I need to bury the wire?

SOLUTION: Simply roll up excess wire and bury under ground cover, or shallow bury (just under grass). It is not necessary to bury the wire deep. Note: To keep your system working for many years to come, you want to keep wire out of direct sunlight (UV will break down wire over time). You also want to bury wire to avoid contact with lawn mowers and weed whackers to avoid severing wire.

PROBLEM: My desired fixture location(s) are greater than 10 feet apart.

SOLUTION: Simply insert a wire extension (model # ACB-10FT - 10 Feet, or model # ACB-20FT - 20 feet). Note, there are 3 x 10 foot extensions included with all complete sets. Additional extensions are available at www.championelectronics.com.

PROBLEM: My desired lighting design requires runs in 2 different directions.

SOLUTION: Use ACSP-01 branch wire connector to branch runs in two different directions. Available at www.championelectronics.com

ADDITIONAL PRODUCTS

Kits fully expandable using these products below and more available on the website. Products can be mixed and matched. Each transformer can accommodate lights in any combination, totaling up to 45 watts for the entire system.



Path Light (2W)
PL-015-02



Path Light (2W)
PL-015-01



Path Light (2W)
PL-02-16



Spot Light (3W)
FSP-03-M



Spot Light (3W)
PL-03-07



10FT Cable
ACB-10FT



20FT Cable
ACB-20FT



Y Branch
ACSP-01



Transformer
TR-45-PS