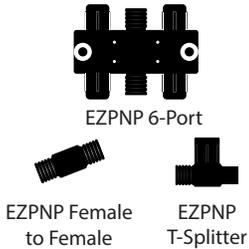


# DEKOR® Landscape Lighting Installation Instructions

## Landscaping Lighting

### A Splitter Options



» 20', 5', 10', 20', 40', and 60' male to male connection/extension wires and connectors sold separately.



### TOOLS NEEDED

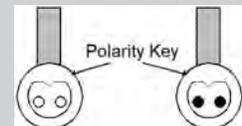


**WARNING:** BEFORE ANY DEKOR® LANDSCAPE LIGHTING IS INSTALLED, IT IS THE INSTALLERS RESPONSIBILITY TO ENSURE THAT ALL UNDERGROUND UTILITIES/ LINES ARE LOCATED (GAS LINES, ELECTRICAL LINES, DATA LINES, WATER LINES, ETC.) PRIOR TO ANY WORK BEING DONE. BEFORE YOU DIG - CALL 811

### HELPFUL TIPS

- » Follow the appropriate building and electrical codes when installing all DEKOR® lighting products.
- » It is up to you the customer to decide where lighting components are placed. Depending on the distance between lights and/or splitters, the Plug-N-Play wire is available 20', 5', 10', 20', 40' and 60' lengths. This wire is approved for direct burial use.
- » Leave wire slack to make fixture terminations. Remember slack will be required to properly bury wire.
- » DO NOT use more than one transformer per circuit.
- » All DEKOR® landscape lights have male connectors. This allows you to connect all the lights together in one run with use of T-splitters or 6-port splitters. You can purchase female to female connectors to connect distances longer than 20'.
- » Use only a standard household GFCI protected outlet to help prevent damage from power surges or lightning.
- » To ensure all components are in working condition it is recommended to have power source attached with installing lights.
- » When using photocell timer, ensure it is in full view of the sun when using the dusk/dawn feature. Timer must be installed with output plugs facing down, 1.5 ft above the ground, timer is only rain proof.
- » When burying wire in live sod use spade shovel to make a slit in the soil. Bury the wire 1 "-3" (2.5 cm - 7.6 cm) deep and tamp down the soil. Water heavily to allow the soil to resettle and minimize impact on the installation site.

## CAUTION:



When making a connection between a Plug-N-play connector or splitter, observe the polarity key to make the proper connection. The male and female connectors have a flat side with a V-notch that MUST MATCH UP. Do not force the connectors together. The Plug-NPlay connectors are waterproof and they seal with an O-ring and a locking collar. **Note:** The NexGen LEDs will glow red if plugged in reverse.

## General Information

- » ALWAYS check local codes before beginning your project.
- USE DEKOR® TRANSFORMERS for the Limited Lifetime warranty. Using any other type of transformer the lights will have a 3-year warranty.

TRANSFORMER CAPACITY BY TYPE		
Example	5A Transformer EZ Max Transformer	2.5A Transformer EZ Transformer
Empress Light	14	8
Spot Light	13	7

The list above is for maximum number of each individual types of lights. If mixing and matching lighting reference the transformer calculator at [www.dekorlighting.com](http://www.dekorlighting.com).

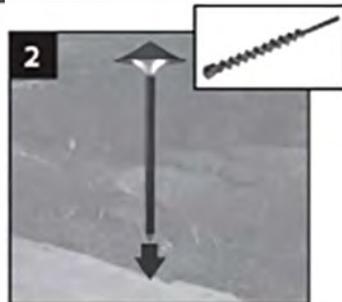
## How to Install DEKOR® Landscape Lighting



1. Locate placement of lights and lead wiring. If you choose bury wire under concrete or other permanent structures, plan accordingly.



2. Place all light in your desired location. If necessary use a 3/4" auger to penetrate the surface. **BEFOR YOU DIG - CALL811.**

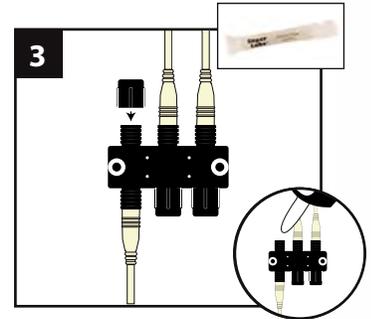
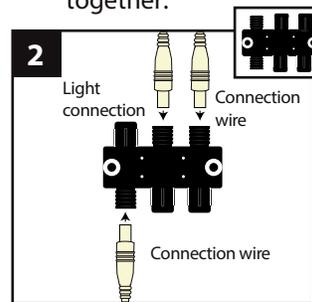
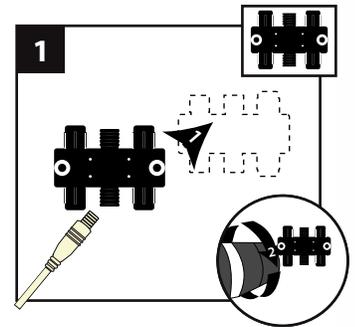


3. Run all wires from the power source locations to the light. on top of soil, remember to leave slack. If using separate circuits with independent dimmers, we recommend grouping lights by type.

Our Plug-Play cables are available in 20", 5' 10', 20', 40', and 60' lengths. The Plug-N-Play T-Splitters are best to use at each light to connect cables between each light.

## Making Connections

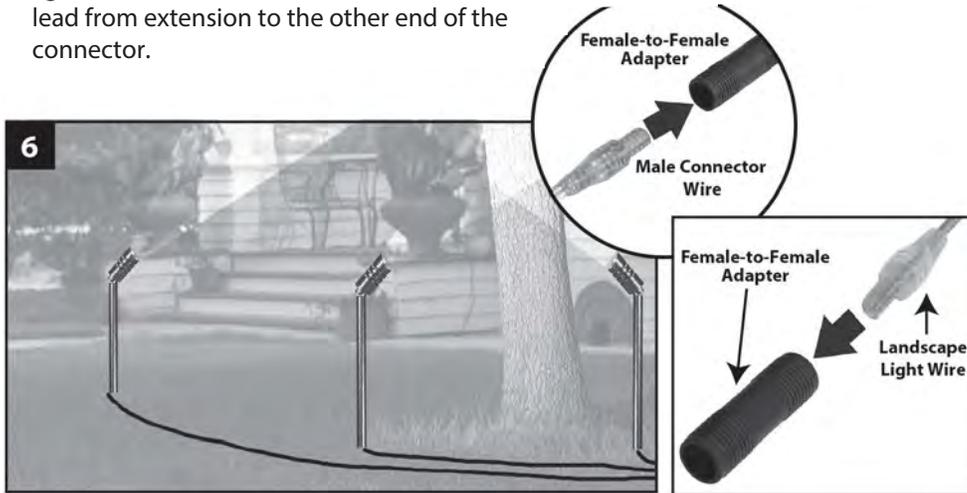
1. Using hardware provided install splitters at each light connection. Install at every where lighting is present and depending on spacing in between each riser and recessed light. As shown, use the 6-port splitters when lights are grouped together.



2. Attach male lead from lights to female connections on splitter. Attach male to male connection wires in between each splitter. Continue until all wiring from lights are attached to splitters and connector wires are attached in between splitters. If lights are spaced several feet apart use T-splitters.
3. Cap off all unused female splitter connections using the provided caps or weather resistant silicone to prevent corrosion or water damage.

## DEKOR® Landscape Lighting Installation Instructions

- You can mix and combine all lights on the same circuit but make sure you do not exceed the maximum number of lights per the wattage size of your transformer.  
If running separate circuits with dimmers on each circuit, using a separate transformer for each circuit can simplify installation. However, use of a 5-way splitter will allow for separate circuits on the same transformer.
- When adding male to male connector wire extension use a female to female connectors. Connect male lead from light to one end of the female connector. Add male lead from extension to the other end of the connector.



- It's recommended the installer preview light placement in the dark to ensure desired effect is achieved. Test lights to ensure power supply, connections, and light fixtures all work properly and placement is appropriate.
- Once the light, wire and splitter placements is finalized, work from the light fixtures towards the power source to bury the wire to the desired depth. Ensure that lights are all working with the wiring attached prior to burying any wire. No more than 1" - 3" (2.5 cm - 7.6 cm) is required.

