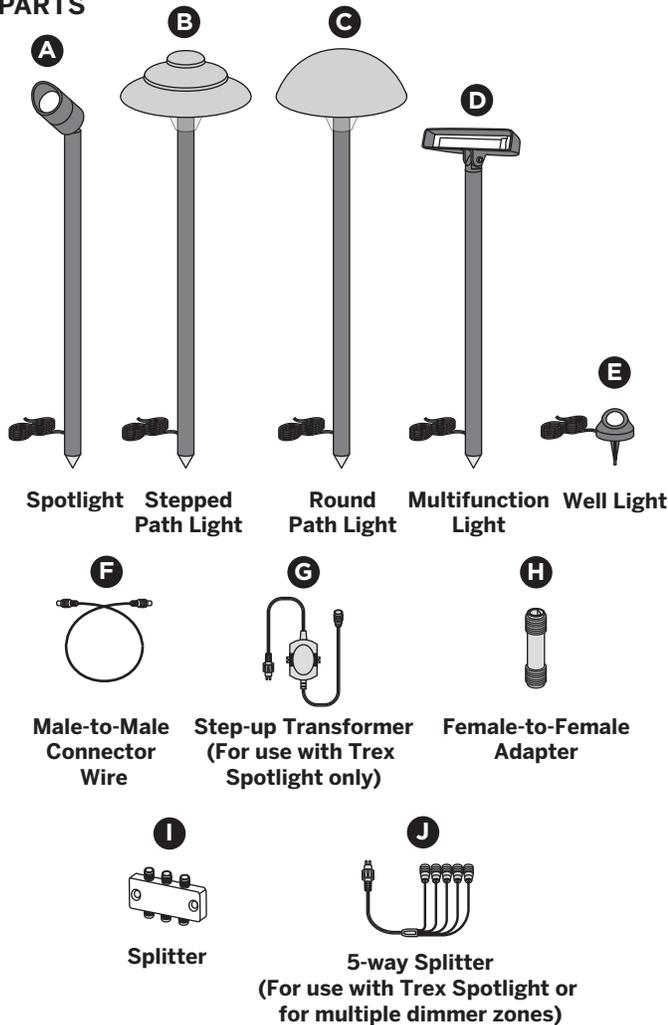
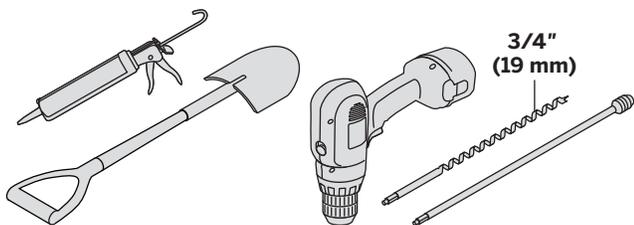


HOW TO INSTALL TREX[®] LANDSCAPE LIGHTING™

PARTS



TOOLS NEEDED



WARNING:
BEFORE ANY TREX 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.

HELPFUL TIPS

- » Location of Trex Landscape lighting is up to customer as to where they would like lighting components placed. Different length of lead wires can be purchased depending on the distances between lights.
- » Leave slack in wire to make fixture terminations. Keep in mind slack will also be required to properly bury wire.
- » Trex Landscape wires are approved for underground use. Wire is made from silver coated copper.
- » Trex Landscape Lights will require the use of a female-to- female adaptor to connect light to male connector wire (this adapter is included with each fixture and is also sold separately).
- » All Trex Landscape lights use male-to-male connector wires, sold in lengths of 5' (1.52 m), 10' (3.05 m), 20' (6.1 m), 40' (12.2 m), and 60' (18.3 m) (sold separately).
- » All lights EXCEPT the spotlight can be wired together on a circuit.
- » **Trex Spotlights require different wiring configurations; refer to detailed instructions on following pages for specifics.**
- » Only use a standard household AC GFCI protected outlet to help prevent damage from power surges or lightning.
- » When using timer, ensure this is in full view of the sun if using the dusk/dawn feature.
- » It is recommended to have power source attached when installing lights to ensure all components work.
- » When burying wire in live sod use spade shovel to make a slit in the soil. Bury the wire 1"-3" (25 mm - 76 mm) deep and tamp down the soil. Water heavily to allow the soil to resettle and minimize impact on the installation site.

TREX® LANDSCAPE LIGHTING

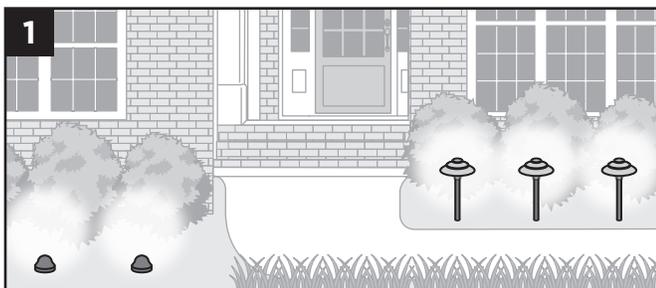
Installation Instructions

HOW TO INSTALL TREX® LANDSCAPE LIGHTING™

(TREX WELL LIGHT, PATH LIGHTS, MULTIFUNCTION LIGHT)

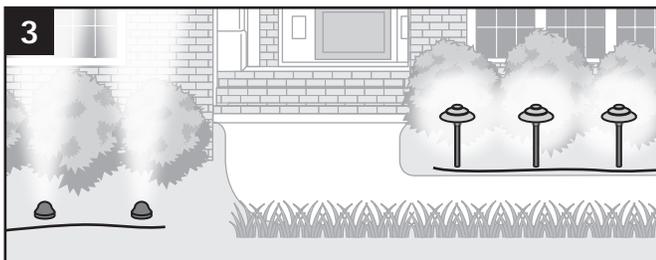
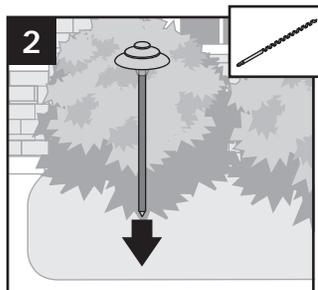
TRANSFORMER CAPACITY BY TYPE		
Type of Light	8.3A (100W) Transformer (83 DL TRANSFORMER)	2.5A Transformer (2.5 DL TRANSFORMER)
Well Light	74	23
Path Light	52	16
Wall Wash Light	52	16

Above listing is for maximum number of each individual types of lights. If mixing and matching lighting, contact Trex to determine if more than one transformer is required. Please visit Trex.com for an interactive capacity calculator.



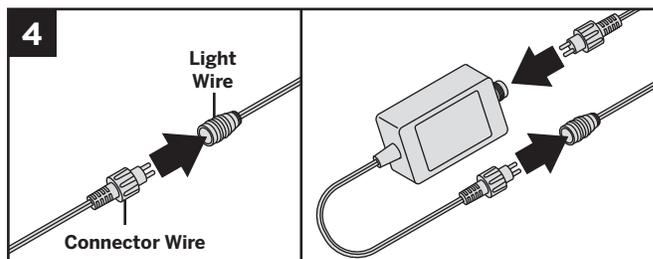
1. Locate placement of lights and lead wiring. Plan accordingly if you choose to bury wire under concrete or other permanent structures.

2. Place all lights in desired location. If necessary use 3/4" (19 mm) auger with optional extension in a drill to penetrate the surface enough to ensure the fixture is firmly implanted (**SEE WARNING ON PAGE 1**).

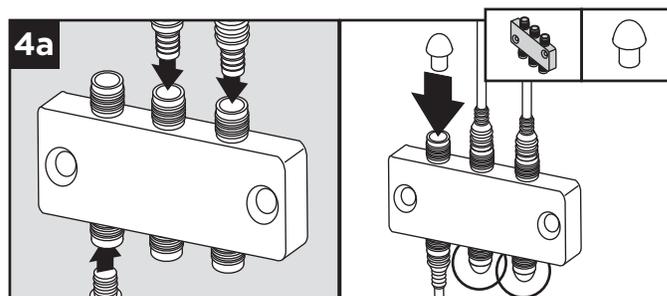


3. Run all wires from the power source locations to the lights on top of the soil, being mindful to leave slack. Pay special attention if using separate circuits with independent dimmers (grouping lights by type is recommended).

2



4. Connect all lights. Wire the optional dimmer (recommended) between the main 20' (6.1 m) transformer to male lead and the transformer for each circuit. Ensure connections (including splitters), fixtures, and power sources all work properly.

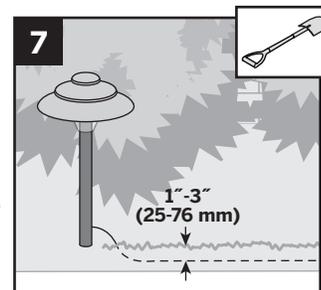


4a. Use male-to-male extension cables to make connections to splitters (*all sold separately*). Cap off all unused female connections on splitters using caps provided or weather resistant silicone.

5. You can mix and combine all lights except the spotlight on the same circuit but make sure you **DO NOT** exceed the maximum number of lights per 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.

6. It is recommended the installer preview light placement in the dark to ensure desired effect is achieved.

7. Once the light, wire, and splitter placement is finalized, work from the light fixtures towards the power source to bury the wire to the desired depth. No more than 1"-3" (25 mm - 76 mm) is required.



HOW TO INSTALL TREX® LANDSCAPE LIGHTING™ (TREX SPOTLIGHT)

TRANSFORMER CAPACITY BY TYPE	
Type of Light	8.3A Transformer (83 DL TRANSFORMER)
Spotlight	12

Above listing is for maximum number of each individual types of lights. If mixing and matching lighting, contact Trex to determine if more than one transformer is required.

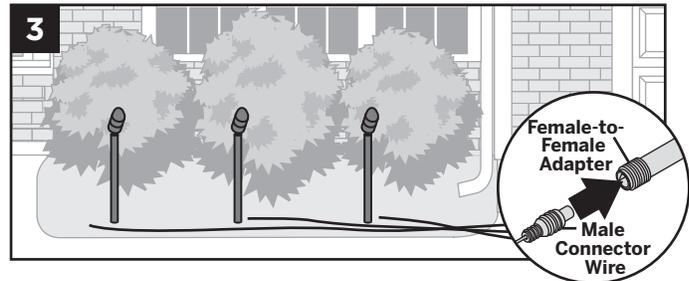
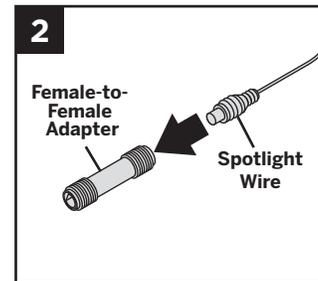
NOTES:

- » Each Trex Spotlight requires use of a dedicated 36V Step-up Transformer (included with each Trex Spotlight). **WARNING:** Step-up Transformer **DOES NOT** have fault protection, thus care must be taken if testing.
- » Spotlights must use a dedicated line running directly from the included 36V step-up transformer. **Maximum** of 12 spotlights are allowed per one 8.3 (100W)-amp transformer. (**NOTE:** Must use three 5-way splitters if installing all 12 spotlights to single 5A transformer as 5-way splitter is designed for up to five spotlights.) Spotlights have a male lead and require the use of a female-to-female adaptor to connect spotlight to connector wire. The spotlight fixture has a male lead. Install the extension cable accordingly. **DO NOT mix** any other lights on the spotlight circuit. Applying 36V to any other fixture types will result in very short diode life and will void warranty.
- » **DO NOT LOOK DIRECTLY INTO SPOTLIGHT WHEN ON, THIS LIGHT IS VERY STRONG.**

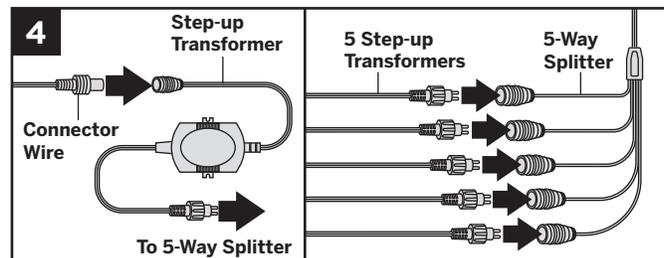


1. Locate placement of spotlights and lead wiring. Plan accordingly if you choose to bury wire under concrete or other permanent structures.

2. Connect male lead from light to female to one end of female adaptor.



3. Connect opposite end of female adaptor to male connector wire. Choose appropriate length wire based on your needs. Run all wire on the surface back to the location of the power supply.

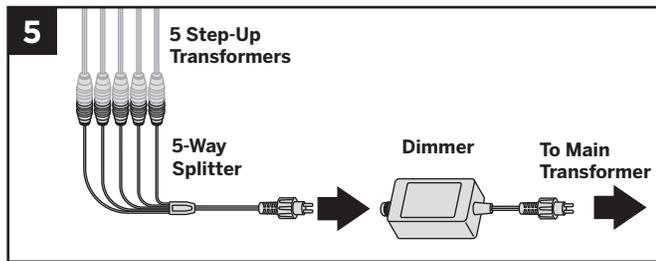


4. Connect opposite end of male connector wire cable to female end on Step-up Transformer. If using more than one spotlight, use 5-way splitter on Step-up Transformer, making sure that each spotlight is utilizing its own 36V Step-up Transformer. Wire the Step-up Transformer or 5-way splitter to the 8.3A (100W) main transformer.

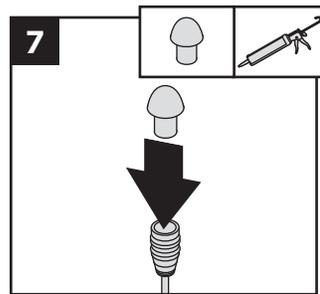
TREX® LANDSCAPE LIGHTING

Installation Instructions

HOW TO INSTALL TREX® LANDSCAPE LIGHTING™/CONTINUED (TREX SPOTLIGHT)



5. If using an optional dimmer (recommended), simply place the dimmer between the 5-way splitter and main transformer.
6. Test lights to ensure power supply, connections, and light fixtures all work properly and placement is appropriate.
7. Ensure that all unused connections on 5-way splitter are covered using weather resistant silicone.



8. Ensure that lights are all working with all wiring attached prior to burying any wire. No more than 1"-3" (25 mm - 76 mm) is required.

