

INSTALLATION INSTRUCTION

InvisiLED® LITE - 24V

LED-T24L

WAC LIGHTING
Responsible Lighting®

SAFETY INSTRUCTION

IMPORTANT: NEVER attempt any work without shutting off the electricity.

- Read all instructions before installing.
- Always turn off power at fuse box prior to installation to prevent electrical shock.
- Intended for indoor use. Dry and damp locations.
- For installation by a qualified electrician.
- System is intended for installation in accordance with National Electric Code, and local regulations.
- Consult with local inspector to assure compliance.

INVISILED® CLASSIC Tape Lights have no polarity for connection.

- If a 1/2"x1/2" or greater cove or channel is not built-in, a Retrofit Channel may be necessary to conceal the tape lights or provide an extended surface for mounting or directing the light.

WIRING AND INSTALLATION:

Please refer to installation diagrams shown on next page.

1. Determine the number of separately powered runs needed. Calculate the number of power supplies.

Min. / max. run length	2inch / 40ft per run (100W transformer) 2inch / 30ft per run (60W transformer)
Current	80 mA/ft
Power consumption	2 Watts/ft

2. Measure the length of each run and round it off to the nearest 2-inch interval. Determine the necessary quantities of 1-ft, 5-ft, and 2-in sections.
3. Count the number turns in the runs in order to determine the number of L, X, and Y connectors.
4. If making lateral turns at angles other than 90°, determine the number of joiner cables necessary to make the lateral adjustment.
5. Connect to incoming 120V supply

Hard Wire

- Transformer must be installed away from heat sources and accessible for service
- Enclosed transformer is UL listed. The transformer box has a separate line volt, and low volt wiring compartments. Trade size knock out are provided on both compartments. Connect building wires to like color transformer wires with wire nuts. Building ground wire maybe green or un-insulated, and attaches to green wire from transformer box.

Portable

- 24 Volts Transformer plugs into standard 120 Volts 3 prong grounded outlet
- Transformer must be installed away from the heat sources
- Class II output splices do not require enclosures

6. Connect the output female connector of the transformer with the male connector of the InvisiLED tape or lead wires, to form straight lines or turns around the installation surface.
7. Classic LED sections may be cut where indicated at the end of the run only.
8. On smooth surfaces, the included adhesive is sufficient in most applications. However if mounting surface is a porous or textured surface, then use a Mounting Clip every 6 inches to reinforce the installation.
9. Terminate each separately powered run with an end cap. Cut end caps or male end caps are the available choices for cut or uncut sections respectively.

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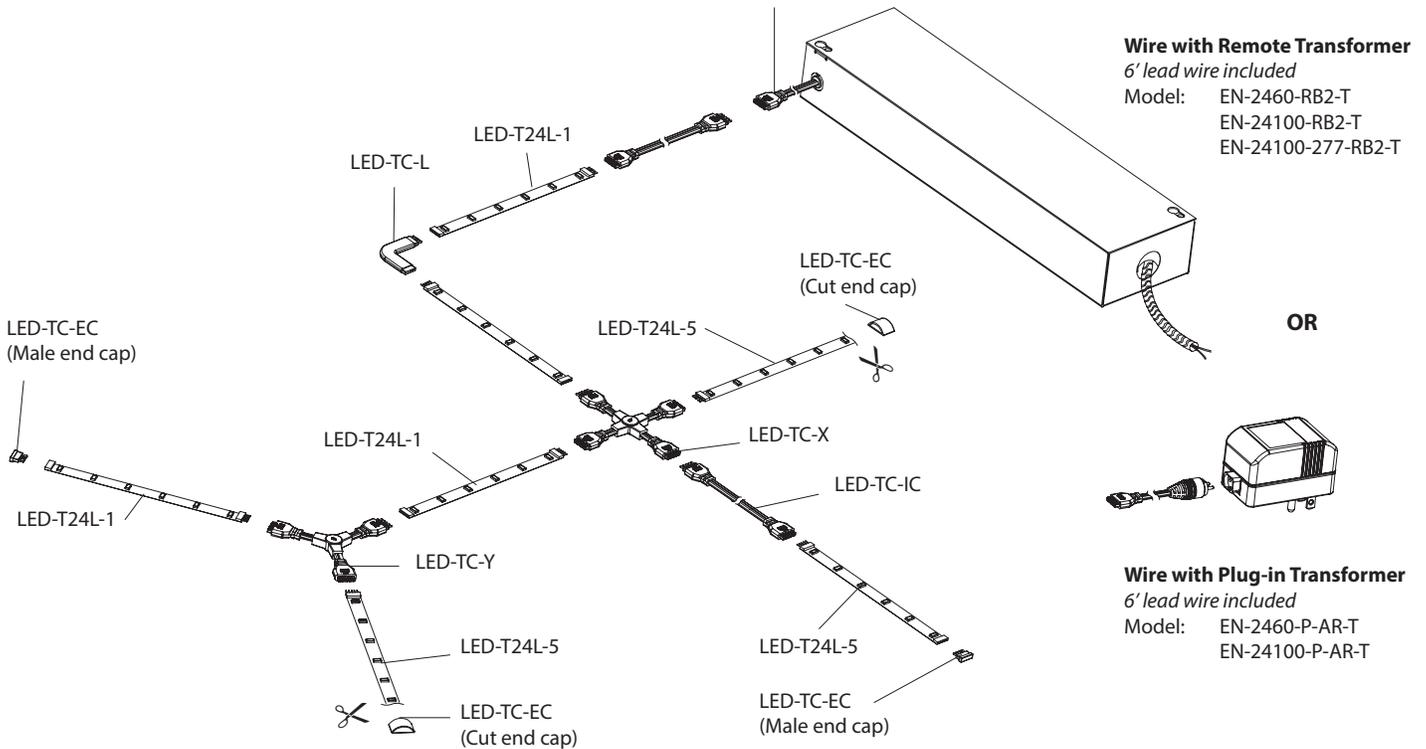
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Note: Figure not drawn to scale

Additional power feeds and wiring boxes may be used to transition in walls.



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