

INSTALLATION INSTRUCTION
InvisiLED® 24V PRO 3
 LED-TE24

WAC LIGHTING
 Responsible Lighting®

SAFETY INSTRUCTION

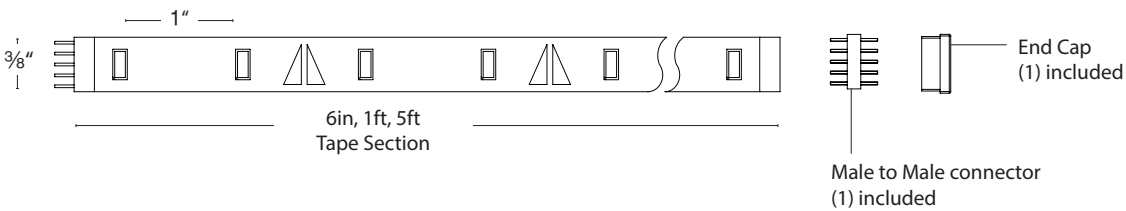
IMPORTANT: NEVER attempt any work without shutting off the electricity.

- 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.

Consignes de sécurité

IMPORTANT: Ne JAMAIS tenter tout travail sans couper l'électricité.

- Lisez toutes les instructions avant de l'installer.
- Toujours couper l'alimentation électrique à la boîte de fusibles avant l'installation pour éviter les chocs électriques.
- Conçu pour une utilisation intérieure. Endroits secs et humides.
- Pour l'installation par un électricien qualifié.
- Système est conçu pour l'installation conformément au Code national de l'électricité, et les règlements locaux.
- Consultez inspecteur local pour assurer la conformité.



CAUTION



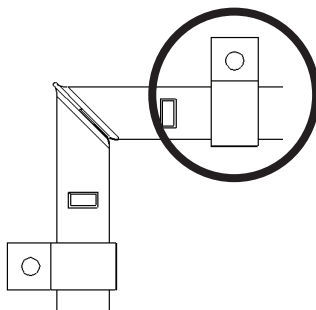
Avoid contact with sharp objects



Install on stable clean, dry surface

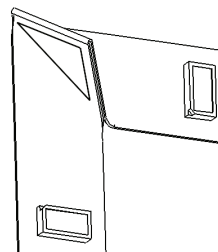


Install (2) clips per fold

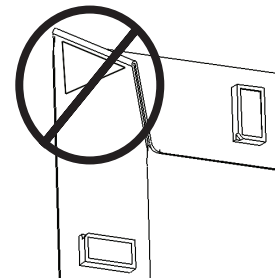


Only fold at marked triangles

Fold with tip of triangles to outer edge



Do not fold tip of triangles to inner edge



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WIRING AND INSTALLATION:

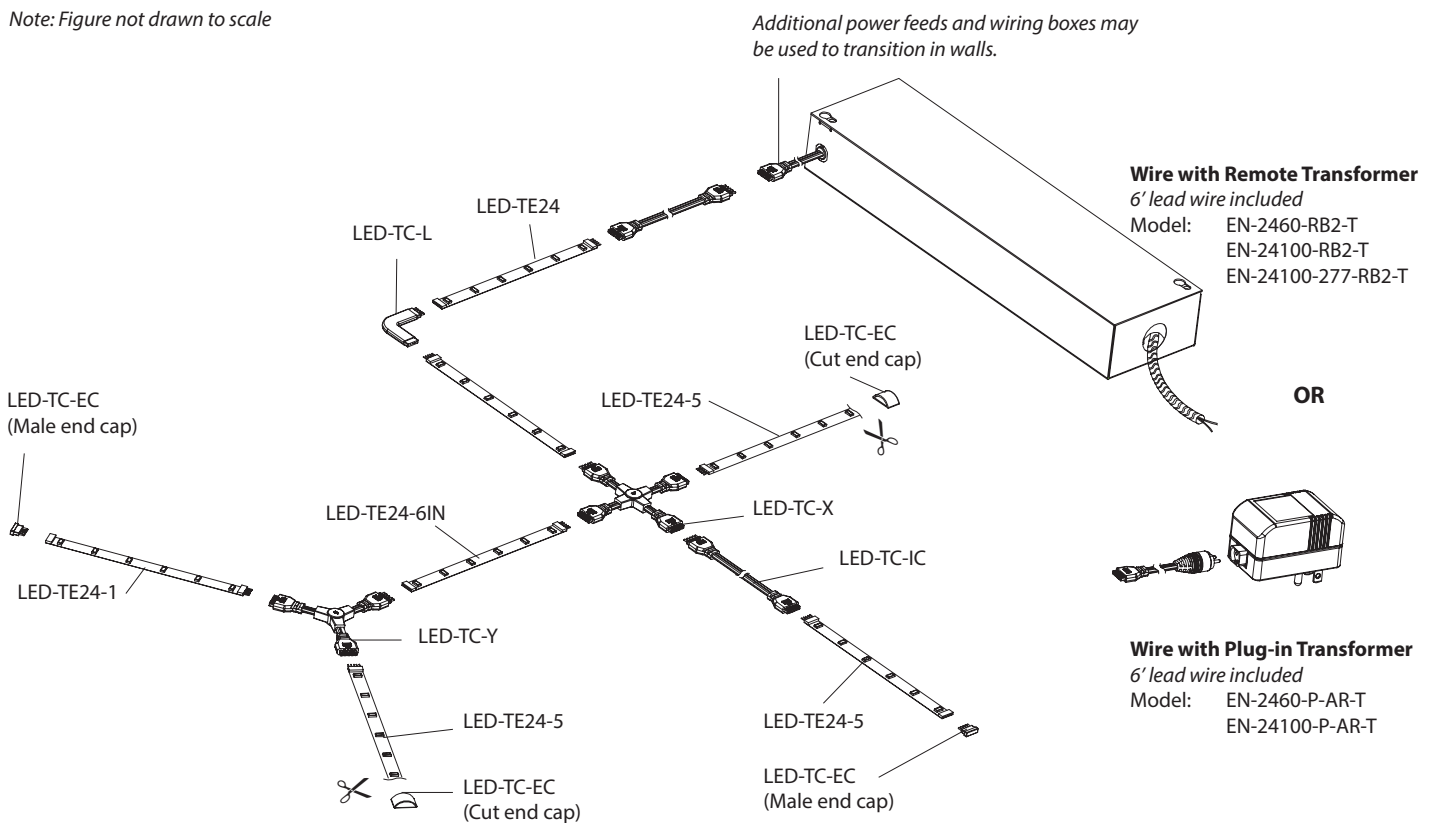
- Determine the number of separately powered runs needed. Each individual run is to be powered by a separate power supply.

Min. / max. run length	6in/ 20 ft per run (100W transformer) 6in/ 12ft per run (60W transformer)
Current	200 mA/ft
Power consumption	5 Watts/ft

- Measure the length of each run and round it off to the nearest 6-inch interval. Determine the necessary quantities of 1-ft, 5-ft, 6-in sections, joiner cables, and L, X or Y connectors. *Note: Tapelight may be field cut every 6-inch at the end of run where indicated.*

Fig. 1

Note: Figure not drawn to scale



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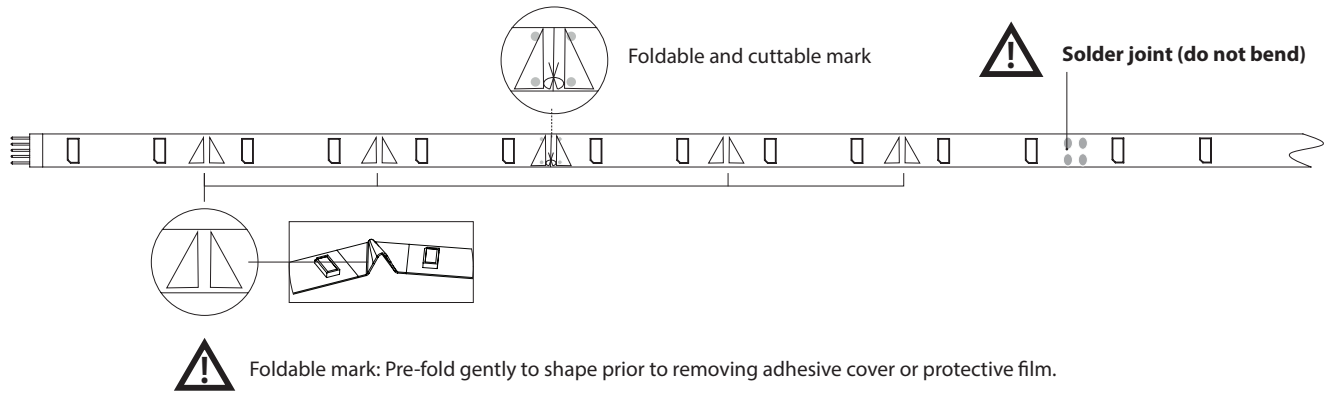
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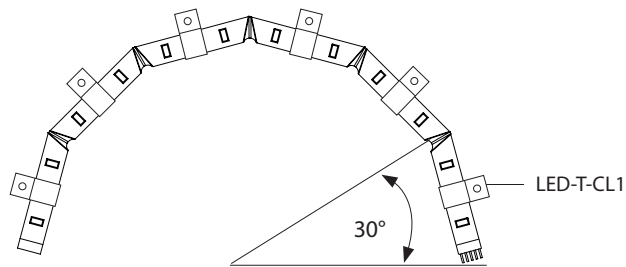
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Fig. 2

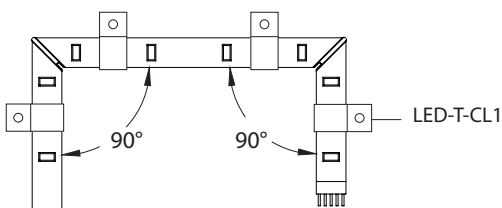
Optional: Foldable every 2 inches where marked with  up to 90° angle.



Bending with smooth curve



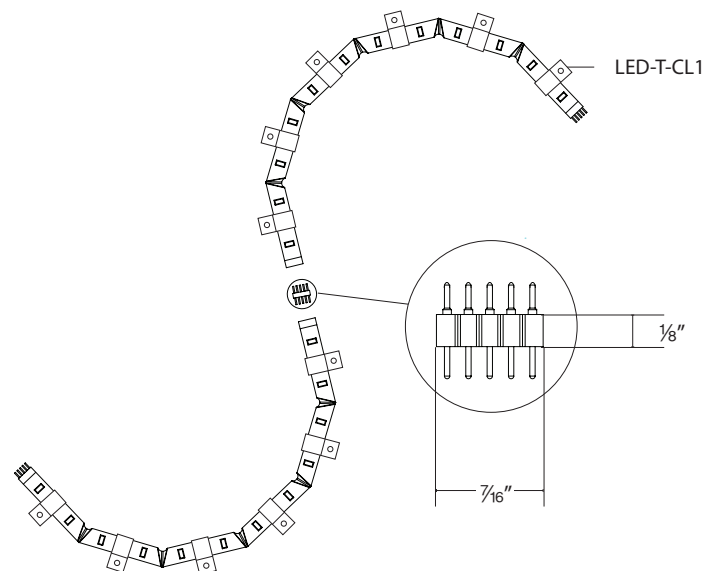
Bending angle 90°
Plan view



Side view



Male-to-male connector available in order to change bending direction



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3. Connect male end of tape section to electrical input. (Either power feed, joiner cable, previous tape section, etc).

Hard Wire:

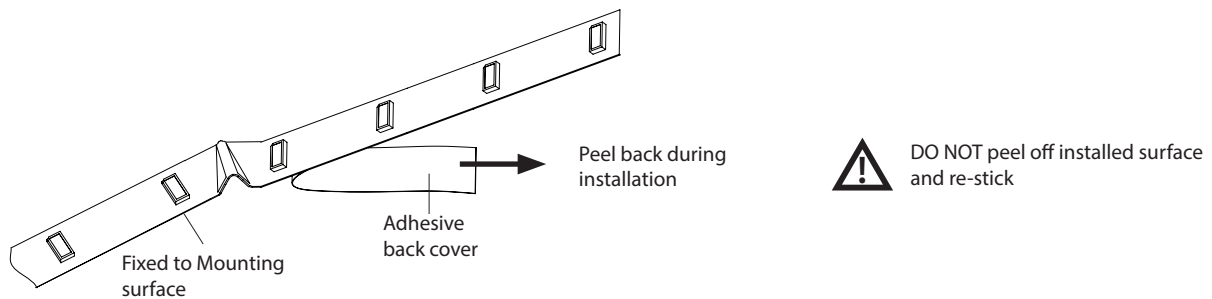
- Class 2 transformer must be installed away from heat sources and it must be accessible for service.
- Enclosed Class 2 transformer is UL listed. The transformer box has a separate line voltage, and low voltage wiring compartments.
- Trade size knock out are provided on both compartments. Connect building wires to the same color transformer wires with wire nuts.
- Building ground wire may be green or uninsulated, and attaches to green wire from transformer box.
- Additional power feeds and wiring components are available.

Portable:

- 24 Volts Transformer plugs into standard 120 Volts 3 prong grounded outlet.
- Transformer must be installed away from the heat sources.

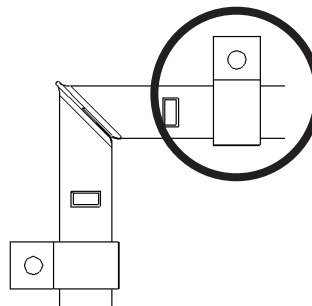
4. Peel adhesive backing cover off as strip is installed, pressing firmly to mounting surface in increments. Handle carefully at folding locations; peeling backing cover off just before and after folded location, and then pressing to mounting surface, such that folds are at desired angle.

Fig. 3



5. Once pattern is complete, gently go along length of pattern pressing it to mounting surface. Remove front plastic covering and discard.
6. Install mounting clips (LED-T-CL1) immediately adjacent (avoiding contact with LED diodes) to either side of a fold using screws provided.

Fig. 4



7. For straight runs on smooth surfaces, the included adhesive is sufficient in most applications. However if mounting surface is a porous or has a textured surface, then use a mounting clip every 6 inches to reinforce the installation. Channel and other accessories are also available, visit wacighting.com for details.
8. Terminate each run with an end cap. Cut end caps or male end caps are the available choices for cut or uncut sections respectively.