INSTALLATION INSTRUCTION

InvisiLED PRO+

LED-TB24XX-X

SAFETY INSTRUCTION

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

- Always turn off power at fuse box prior to installation to prevent electrical shock.
- Intended for indoor use. Dry and damp locations.
- For installation and serviced by a qualified, licensed electrician.
- Install in accordance with national electric code, and local regulations.
- Consult with local inspector to assure compliance.
- Do not submerge, or install within 5 feet of a swimming pool.
- Do not connect the tape directly to high voltage power
- Do not exceed maximum run recommended for each tape series

CAUTION – TO REDUCE RISK OF FIRE AND ELECTRICAL SHOCK

- Read all instructions before installing.
- Handle product with care.
- Do not conceal or extend exposed conductors through a building wall
- To reduce the risk of fire and burns, do not install this lighting system where the exposed bare conductors can be shorted or contact any conductive materials
- To reduce the risk of overheating and potential fire risk, make sure all connections are tight.
- Do not install any fixture assembly closer than 6 in. from any curtain, or similar combustible material.
- Do not modify or disassemble product beyond instructions or warranty will be void.
- Failure to follow safety warnings, and installation instruction will void the warranty

ATTENTION - AFIN DE RÉDUIRE LES RISQUES D'INCENDIE ET DE CHOC ÉLECTRIQUE

- Lire toutes les instructions avant d'installer.
- Manipuler le produit avec soin.
- Ne pas dissimuler et faire passer les conducteurs exposés à travers un mur de bâtiment.
- Afin de réduire les risques d'incendie et de brûlures, ne pas installer ce système d'éclairage là où les conducteurs dénudés peuvent être court-circuités, ou entrer en contact avec des matériaux conducteurs.
- Afin de réduire le risque de surchauffe et d'incendie potentiel, s'assurer que toutes les connexions sont bien serrées.
- Ne pas installer aucun luminaire à moins de 6 pouces d'un rideau ou d'un matériau combustible similaire.
- Ne pas modifier ou démonter le produit au-delà des instructions sous peine d'annuler la guarantie.
- Ne pas respecter les avertissements de sécurité et des instructions d'installation annulera la garantie.

INVISILED™ PRO+ 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:

1. Please refer to installation diagrams shown on next page.
   Determine the number of separately powered runs needed. Calculate the number of power supplies.
   Maxmimum run length: 33’ per run with 96W power supply
   20’ per run with 60W power supply
   Power consumption: 2.9 Watts/ft with 24VAC and 1.8 Watts/ft with 24VDC
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 power supply

Hard Wire

- Power supply must be installed away from heat sources and accessible for service
- Power supply is UL listed. The power supply 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 my be green or un-insulated, and attaches to green wire from power supply box.

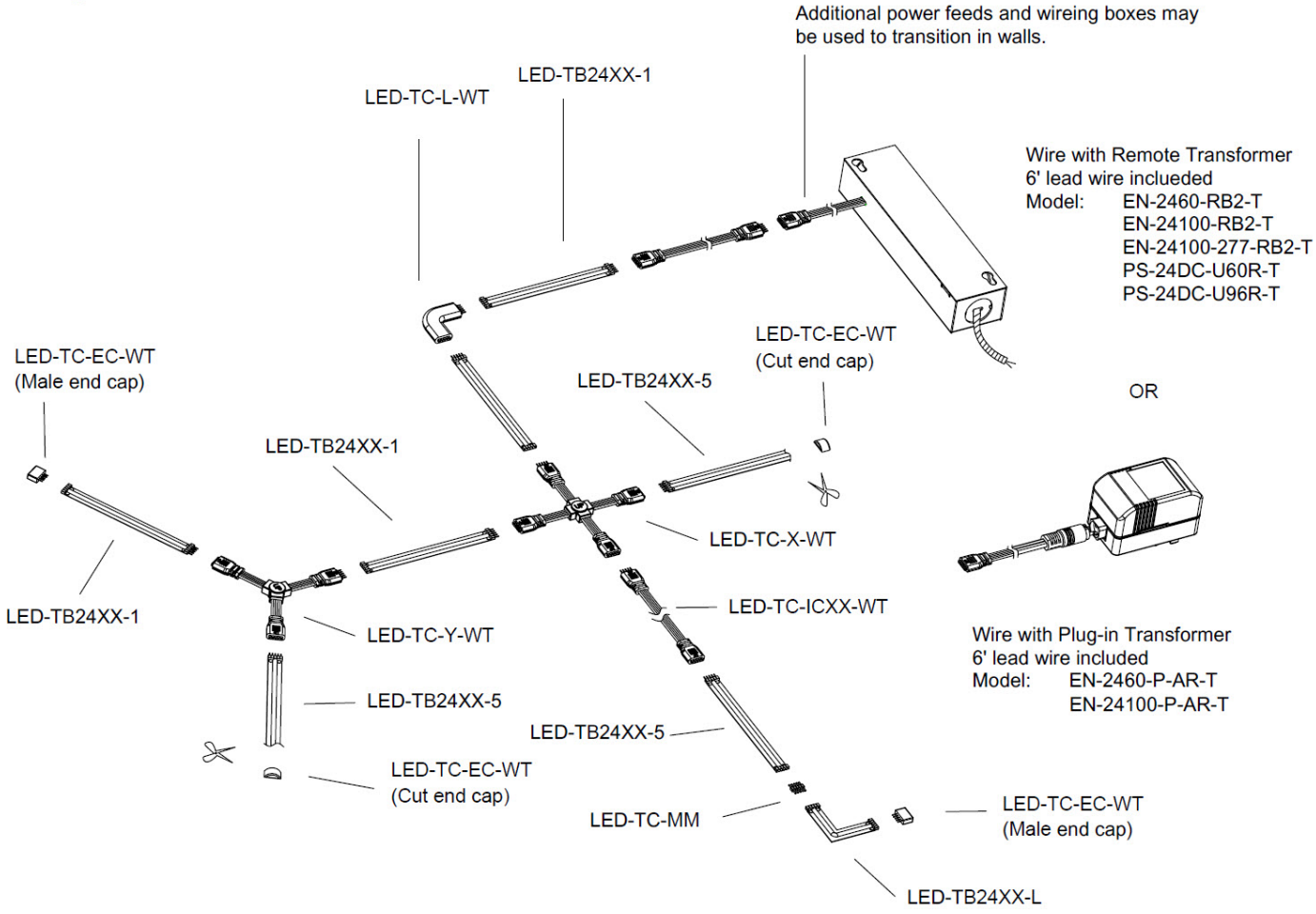
Portable

- 24 Volts power supply plugs into standard 120 Volts 3 prong grounded outlet
- Power supply 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. 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.

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program.

Note:Figure not drawn to scale



WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program.