

INSTRUCTIONS : INVISILED™ CLASSIC OUTDOOR – 24V
Models Series : LED-TO24

CAUTION:

- Read all instructions before installing.
- Always turn off power at fuse box prior to installation to prevent electrical shock.
- Intended for out door use, damp and wet locations are permitted.
- For installation by a qualified electrician.
- System is intended for installation in accordance with National Electric Code, and local regulations.

INVISILED™ CLASSIC OUT DOOR Tape Lights have polarity for connection.

- Determine the installation area and material, based on different mounting materials (wood or concrete), different mounting accessories will be needed.

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	1ft / 40 ft per run
Current	100 mA/ft
Power consumption	2.0 Watts/ft

2. Measure the length of each run and round it off to the nearest 1 foot interval. Determine the necessary quantities of 1ft, 5ft, and 10ft sections.
3. Count the number turns in the runs in order to determine the number of 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

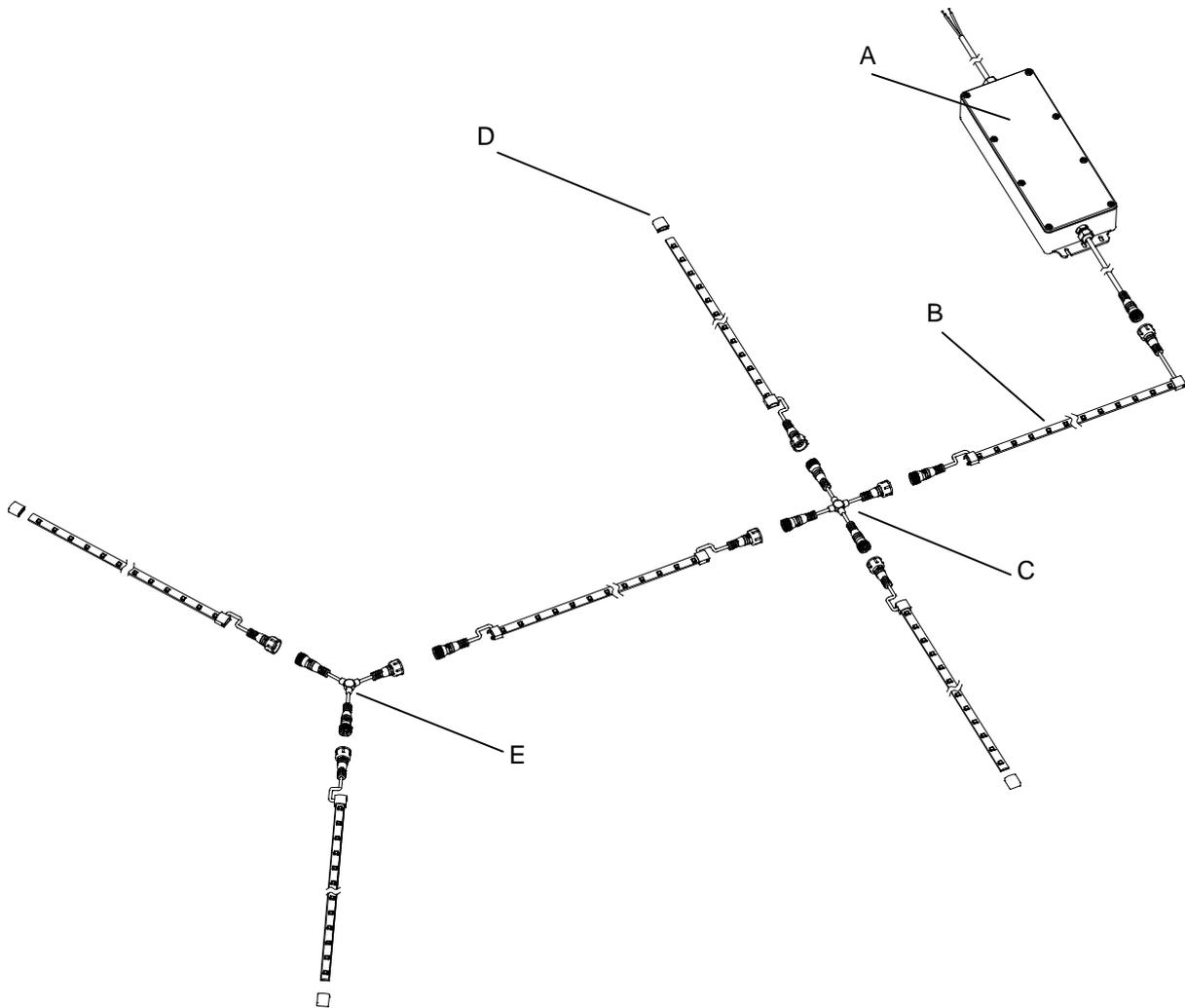
Hard Wire

- Power supply is IP67 and can be used for damp and wet locations. The power supply should be installed accessible for service
- Enclosed power supply is UL listed. The Input of the power supply box has a line volt wiring compartments and the output of this power supply is a low voltage IP67 female connector. Connect building wires to like color power supply wires with wire nuts in the outdoor junction box. Building ground wire may be green or un-insulated, and attaches to green wire from power supply box.

Portable

- Power supply is IP67 and can be used for damp and wet locations.
 - 24 Volts power supply plugs into standard 120 Volts 3 prong grounded outdoor outlet
 - Power supply should be installed accessible for service
6. Connect the output female connector of the power supply with the male connector of the outdoor InvisiLED tape or lead wires, to form straight lines or turns around the installation surface.
 7. End caps of each InvisiLED can be attached to form a straight run.
 8. Classic outdoor LED sections may be cut at every 2 inch intervals.
 9. Terminate each separately powered run with an end cap. Install the end cap with silicon for water tight.

HARD WIRE

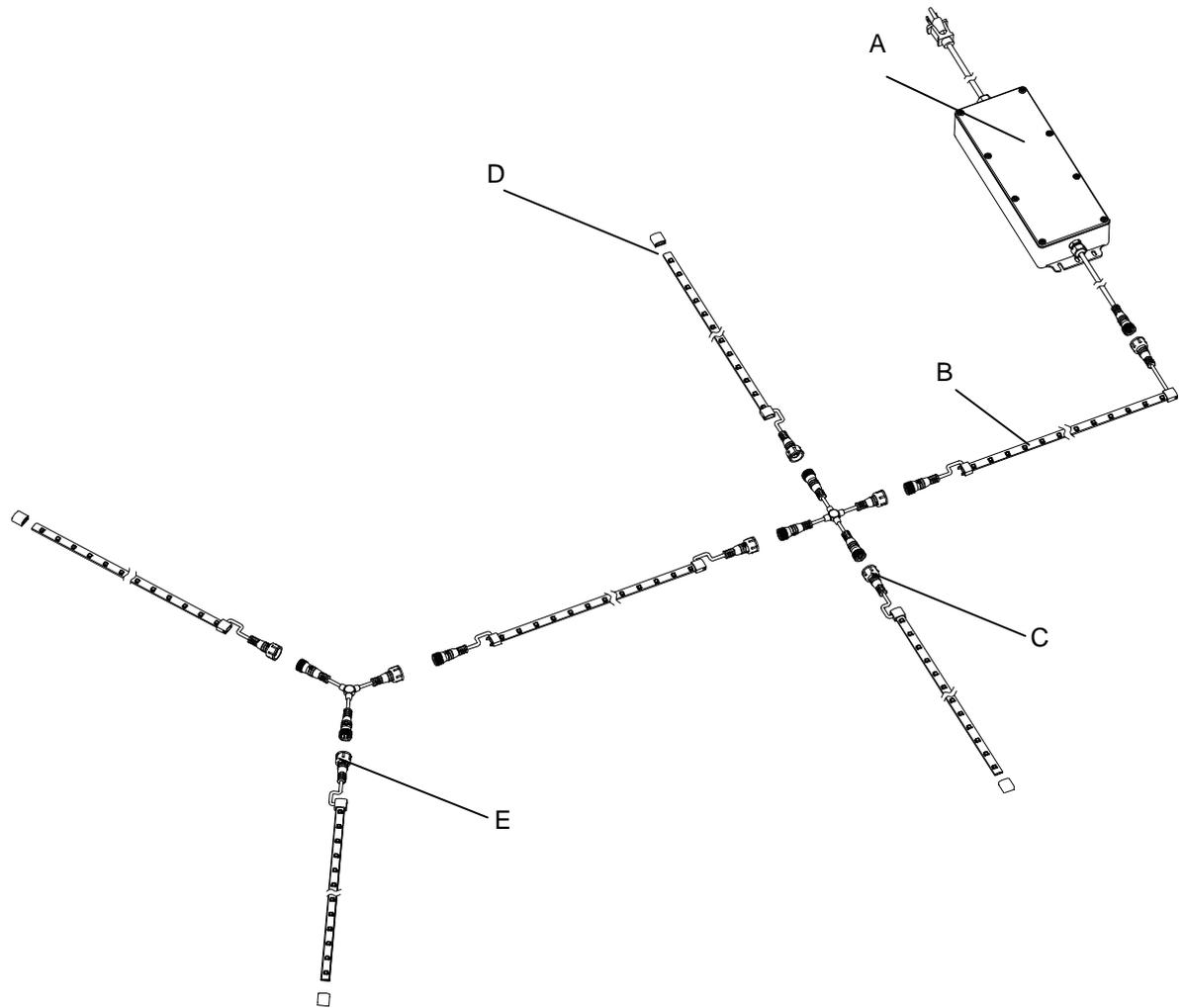


INVISILED™ CLASSIC Outdoor 24V

sample layout

A	EN-O24100-RB2-T	Remote power supply- hard wire
B	LED-TO24-1-RD	1 Foot Tape Section
C	LED-O24-X	X Connector
D	LED-TO24-EC	End Cap
E	LED-O24-Y	Y Connector

PORTABLE



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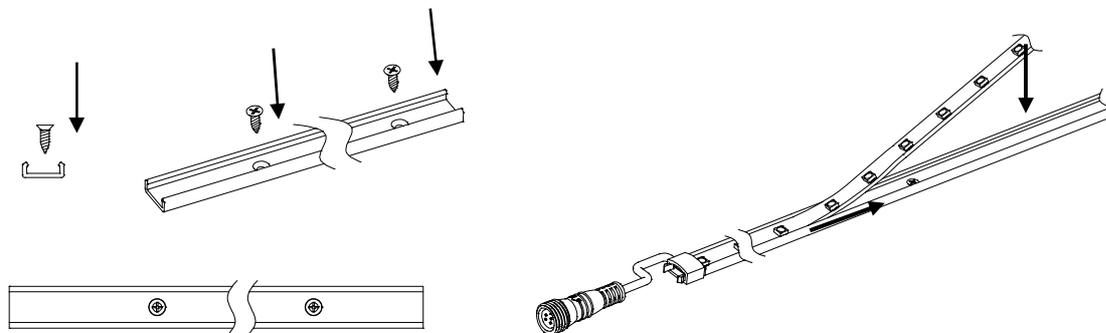
sample layout

A	EN-O24100-P-AR-T	Remote power supply- plug in
B	LED-TO24-1-RD	1 Foot Tape Section
C	LED-O24-X	X Connector
D	LED-TO24-EC	End Cap
E	LED-O24-Y	Y Connector

Installation

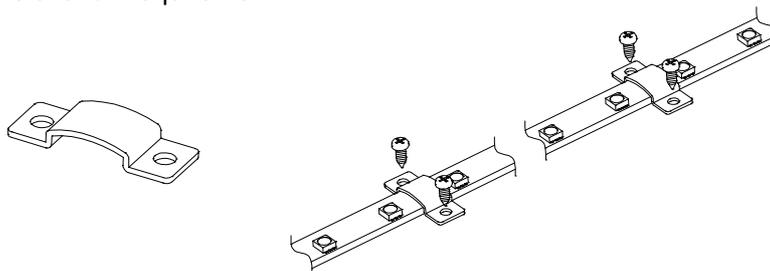
A. using installation channel

- Flat surface and suitable with screws, example: wood



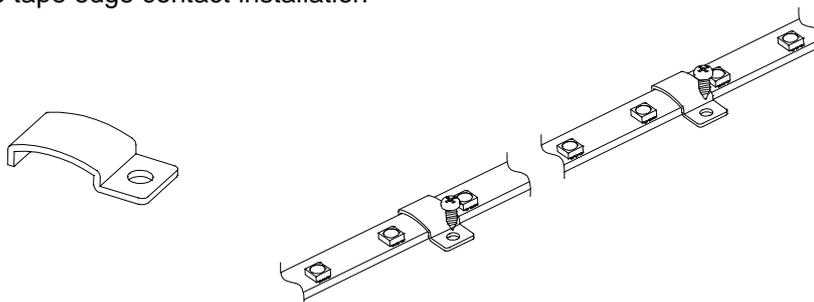
B. using clip 1

- Suitable for non-flat installation surface, wood or concrete material applicable
- Installation surface have the space for the two mounting screw holes.
- No edge contact installation requirement



C. using clip 2

- Suitable for non-flat installation surface, wood or concrete material applicable
- Suitable for single tape edge contact installation



D. using clip 3

- Suitable for non-flat installation surface, wood or concrete material applicable
- Suitable for double tape edge contact installation.

