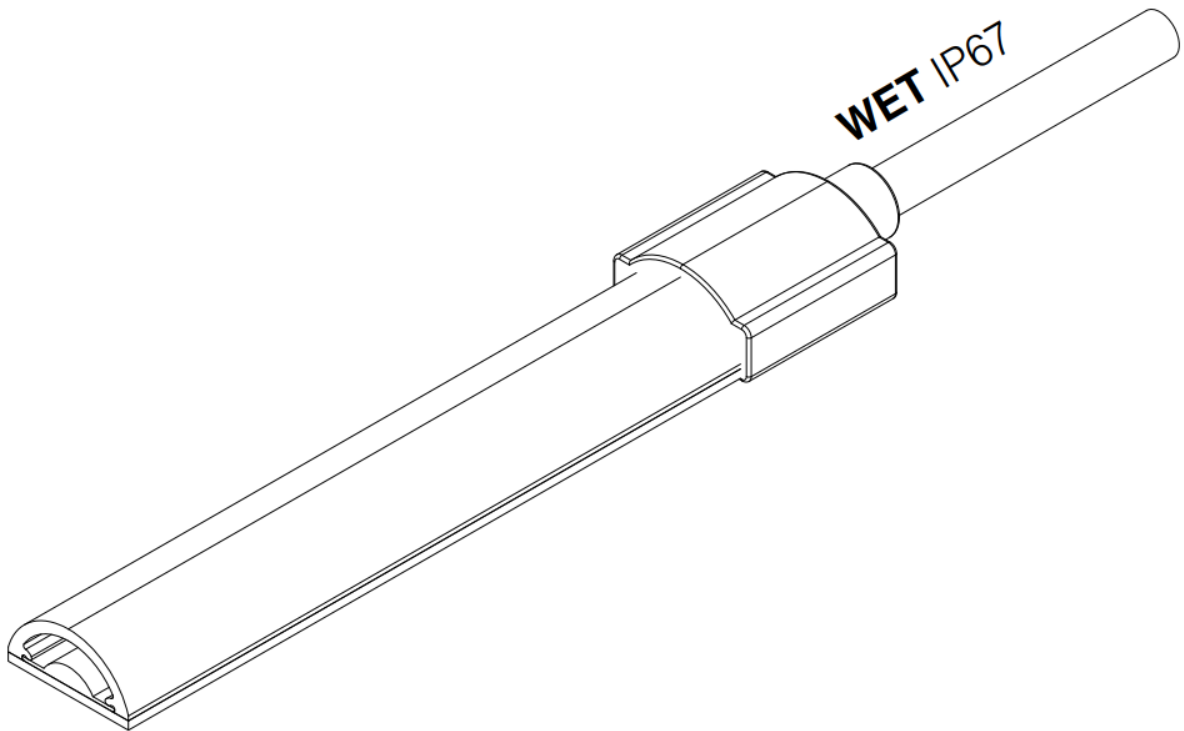




Q-TRAN SW-XT24-3.0 Linear LED Strip Light Instruction Manual

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Q-TRAN SW-XT24-3.0 Linear LED Strip Light



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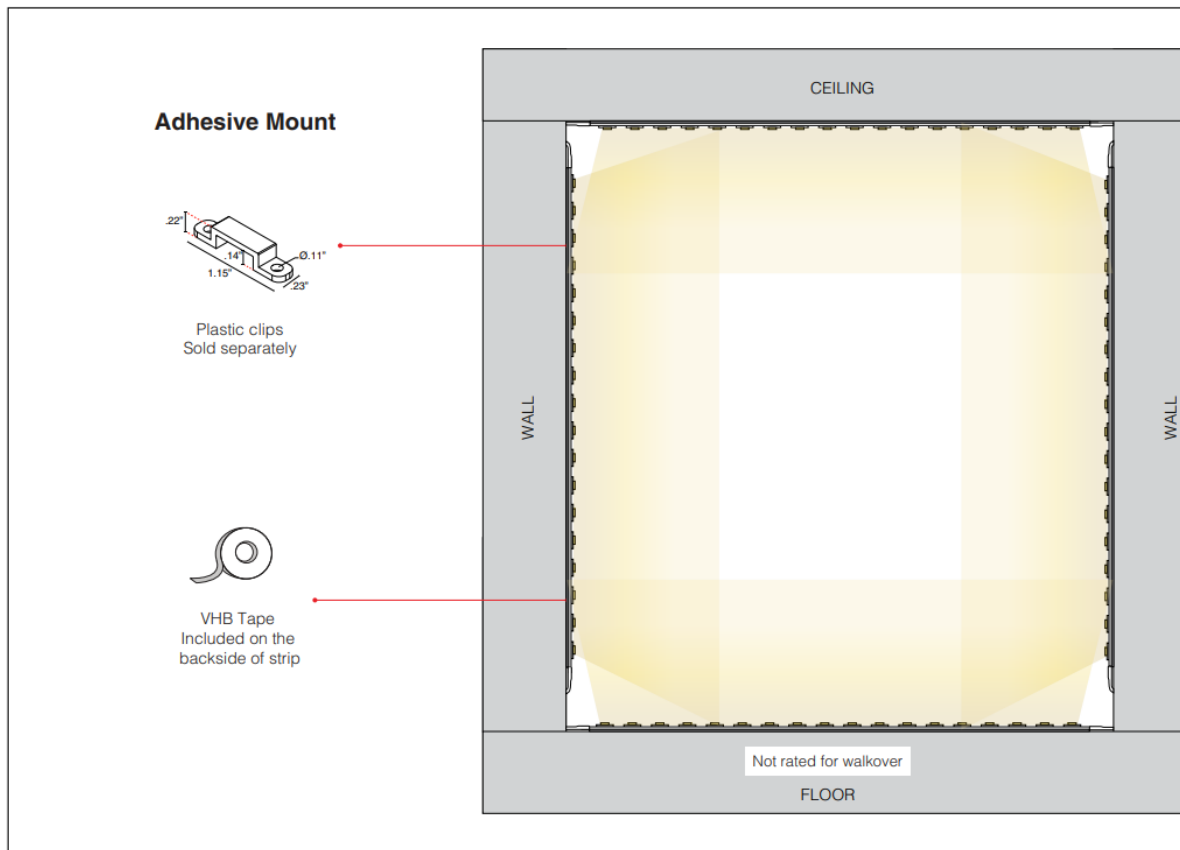
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ATTENTION

Please read all instructions BEFORE installation

- Product to be installed by a licensed electrician
- Always ensure power supply connection to electrical circuit is disconnected before working on it
- Follow diagram to connect Secondary Voltage wires to power supply. Refer to Q-Tran power supply instructions for wiring
- Use only with Class 2 power supply unit — Compatible for use with Q-Tran power supplies
- Suitable for DRY, DAMP, and WET locations
- Suitable for installation in storage area of a clothes closet
- Temp Rating: Refer to cut sheet
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION

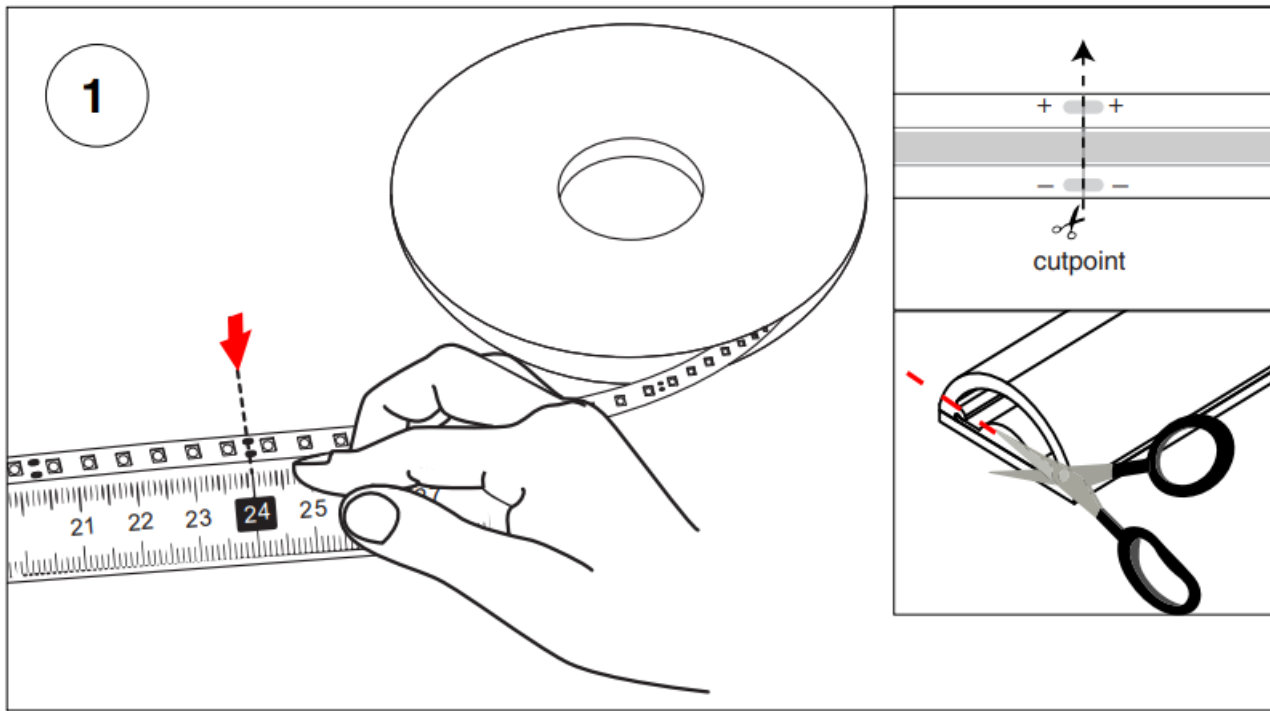


NOTES:

- Avoid bending in sharp angles which may damage the LED.
- Always test LED operation before installing in extrusion. Connect LED to power supply to ensure it is working properly and all non-factory soldered connections are secure.
- Diagrams for representation only and not to scale.



LED STRIP LEAD WIRE & JUMPER INSTRUCTIONS: WET IP67 If LED wires are pre-soldered from the factory, skip to page 4



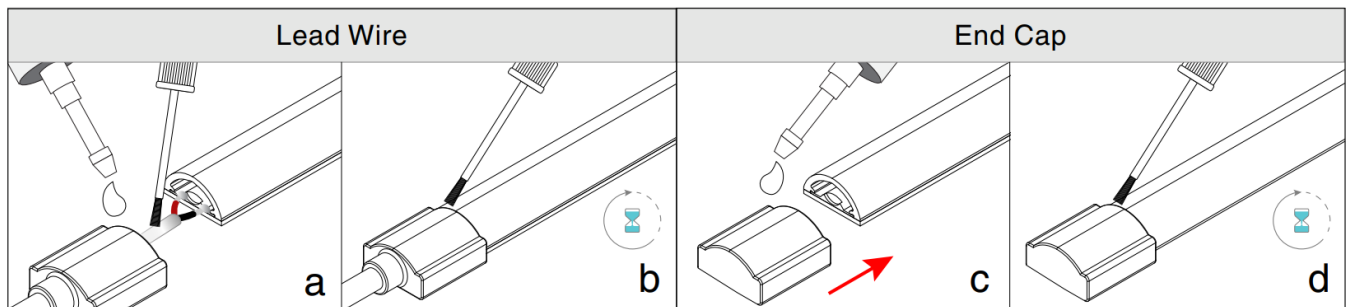
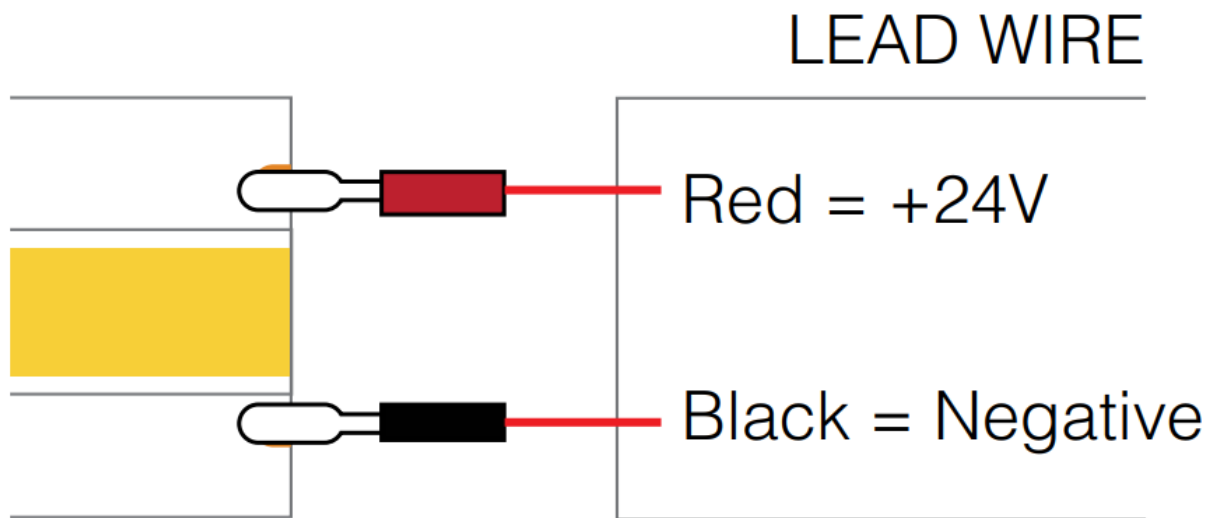
Measure and cut LED strip to desired length with scissors along the cut point.

ITEMS INCLUDED	
iQ-LED-67-KIT	
(1)	24" Lead wire
(1)	6" Solder
(1)	Lead wire cap
(1)	End Cap
iQ-JUMP-67-KIT	
(1)	6" Lead wire
(1)	6" Solder
(2)	Lead wire Caps

Solder lead wire onto solder pad. Confirm positive (+) and negative (-) are matched up correctly before soldering. BLACK wire is typically negative, RED wire is typically positive.

NOTE: Recommended soldering iron temperature of 650° – 700°F for lead-free solder.

SW-XT

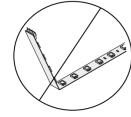


ONCE ALL CONNECTIONS ARE FUNCTIONING PROPERLY, DISCONNECT POWER AND BEGIN HEAT SHRINKING INSTRUCTIONS BELOW:

- a:** Brush lead wire with Loctite 770 glue and place lead wire cap over wire. Fill lead wire cap with silicone and wipe any overflow.
- b:** Apply Loctite glue around the edge to secure gap; Allow time for glue to dry
- c:** Fill end cap with silicone and wipe any overflow.
- d:** Place end cap over the end of the LED and add Loctite glue around the edge to secure gap; allow time for glue to dry

NOTES:

- Avoid bending in sharp angles which may damage the LED.
- Always test LED operation before installing in extrusion. Connect LED to power supply to ensure it is working properly and all non factory soldered connections are secure.
- Diagrams for representation only and not to scale



SURFACE MOUNTING METHOD

SURFACE PREPARATION

1



70-100°F



50% humidity
or less

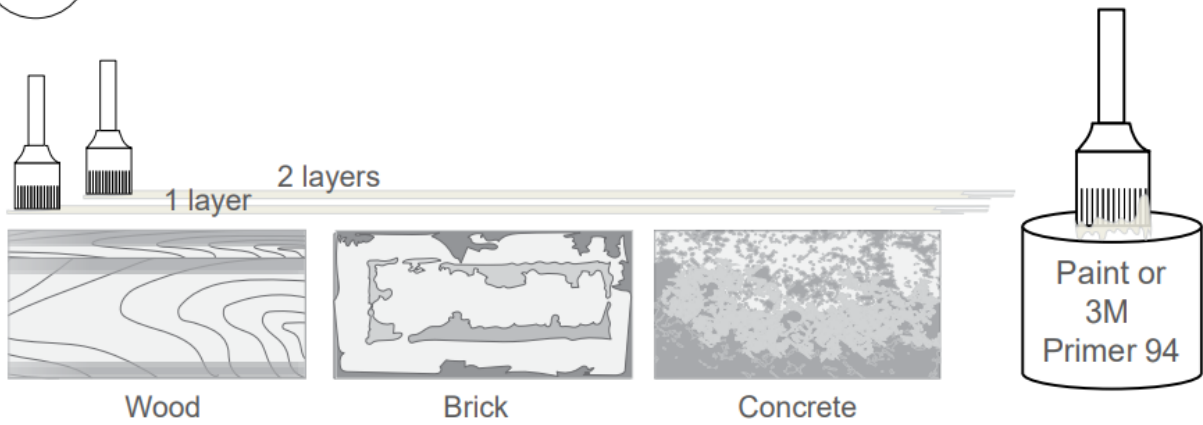


72 hrs

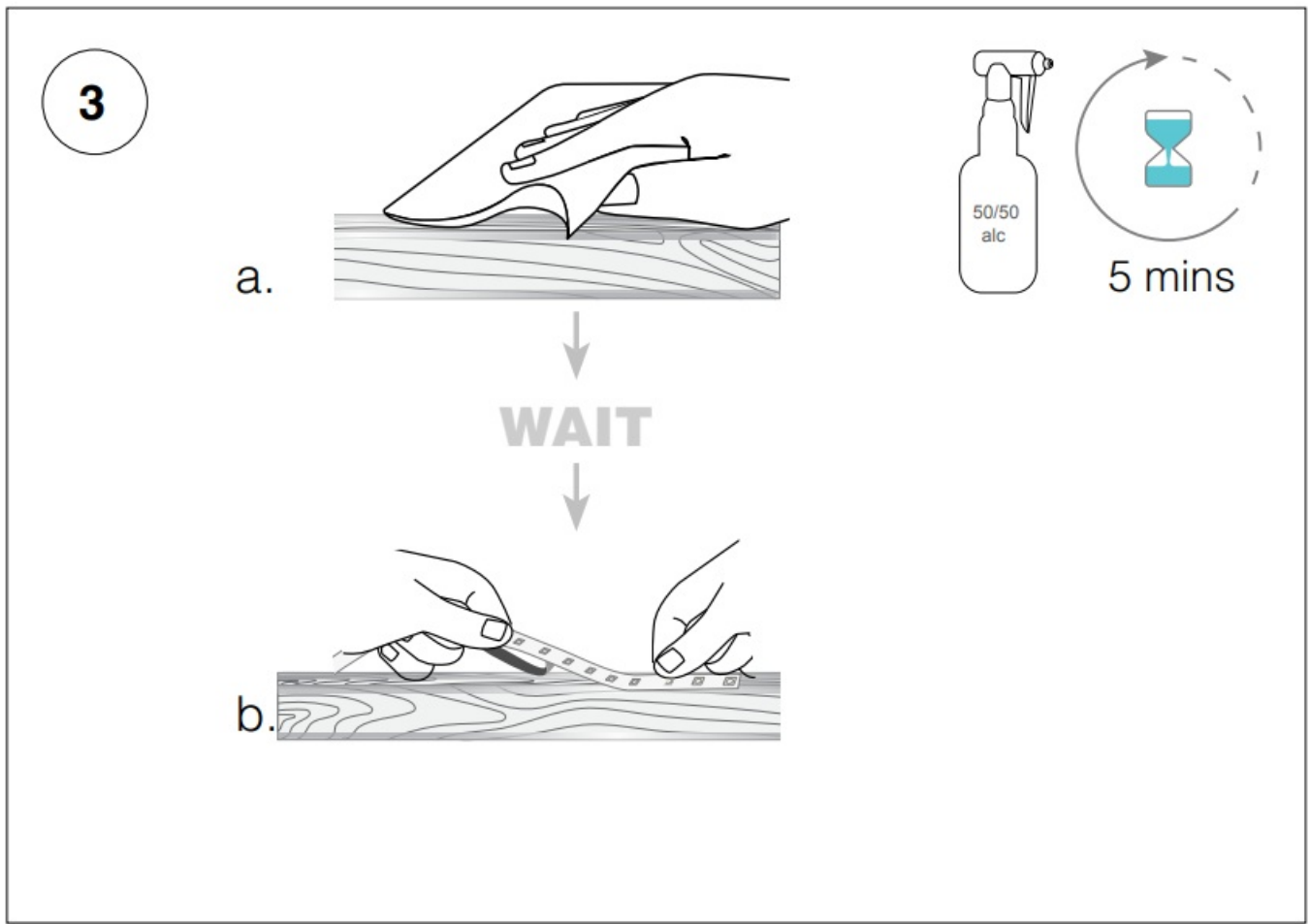
Temperature and environmental concerns

- Ideal application environment is 70-100°F in 50% humidity or less.
- Minimum application temperature: 50°F
- This temperature and humidity should be maintained for 72 hours after application for maximum bond strength.

2



For porous materials (Wood, Brick, Concrete etc.) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. These can be purchased from a local hardware store.

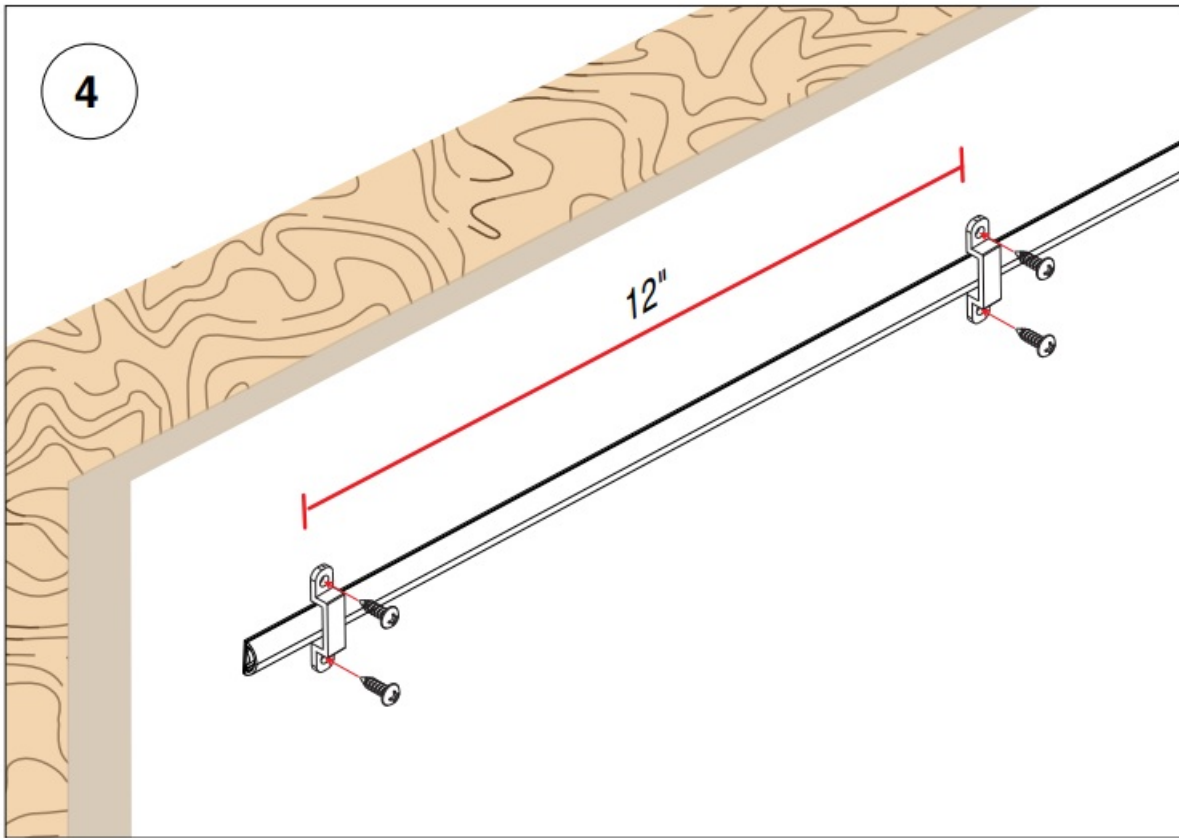


- a.** Using a 50/50 alcohol mix, thoroughly clean surface area where LED will be installed. Allow 5 minutes to dry.
- b.** Peel back 0.5" of the VHB tape's protective film on one end of LED and use firm pressure to adhere it to the desired surface, avoiding air bubbles. Continue peeling the film and adhering the strip in small sections until the entire length is installed.

MATERIALS	SUGGESTEDEPOXIES
Concrete, Stone, Cinderblock, Metal, and Brick	Loctite Metal and Concrete Two-Part Epoxy
Concrete, Stone, Cinderblock, Metal, and Brick	Loctite Plastic Two-Part Epoxy
Tile, Wood, Ceramic, Glass, or Metal	Loctite Clear Two-Part Epoxy
All Purpose	Strong Stik

SURFACE MOUNTING METHOD

SURFACE PREPARATION



For extra secure mounting

- Secure plastic clips around strip using the #4 flat head hardware provided. Ensure the screw head is flush with the clip's base.
- Recommended 1 clip for every 1'

NOTE: Flat head screw type is dependent on surface/application material. Alternative flat head screws may be required. Refer to the surface material manufacturer for suggested screw type.

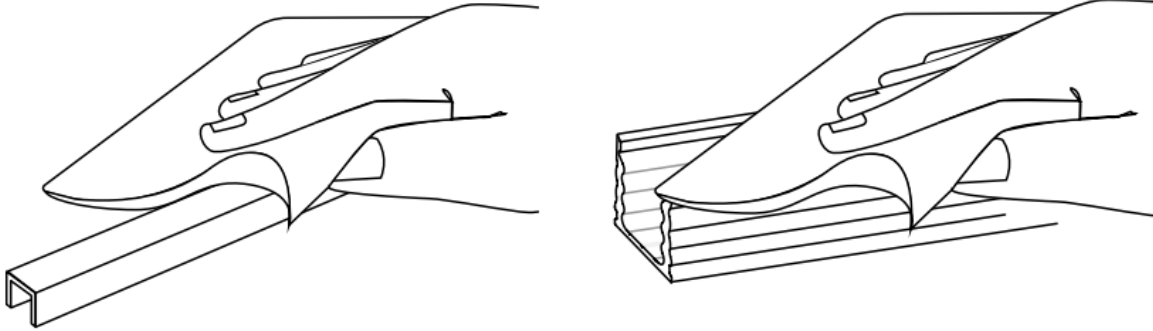
LED INSERTION FOR IN-FIELD ASSEMBLY INSTALLATION

STRIP IN EXTRUSION

1

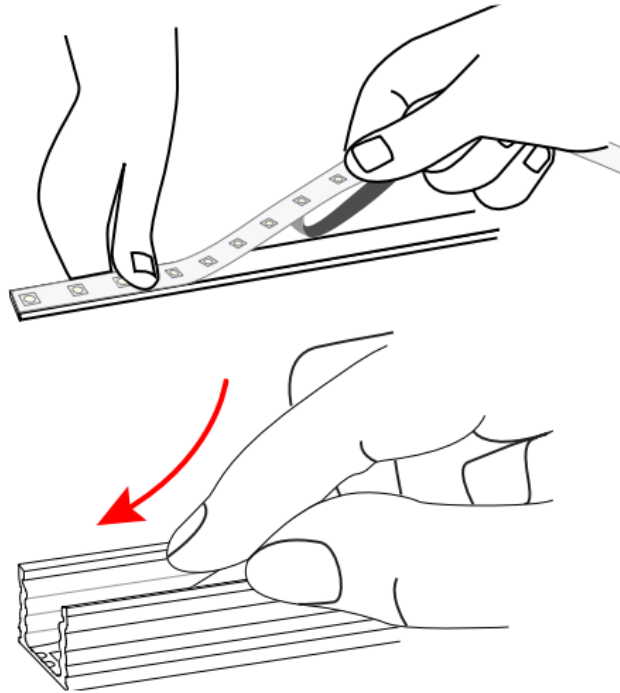


5 mins

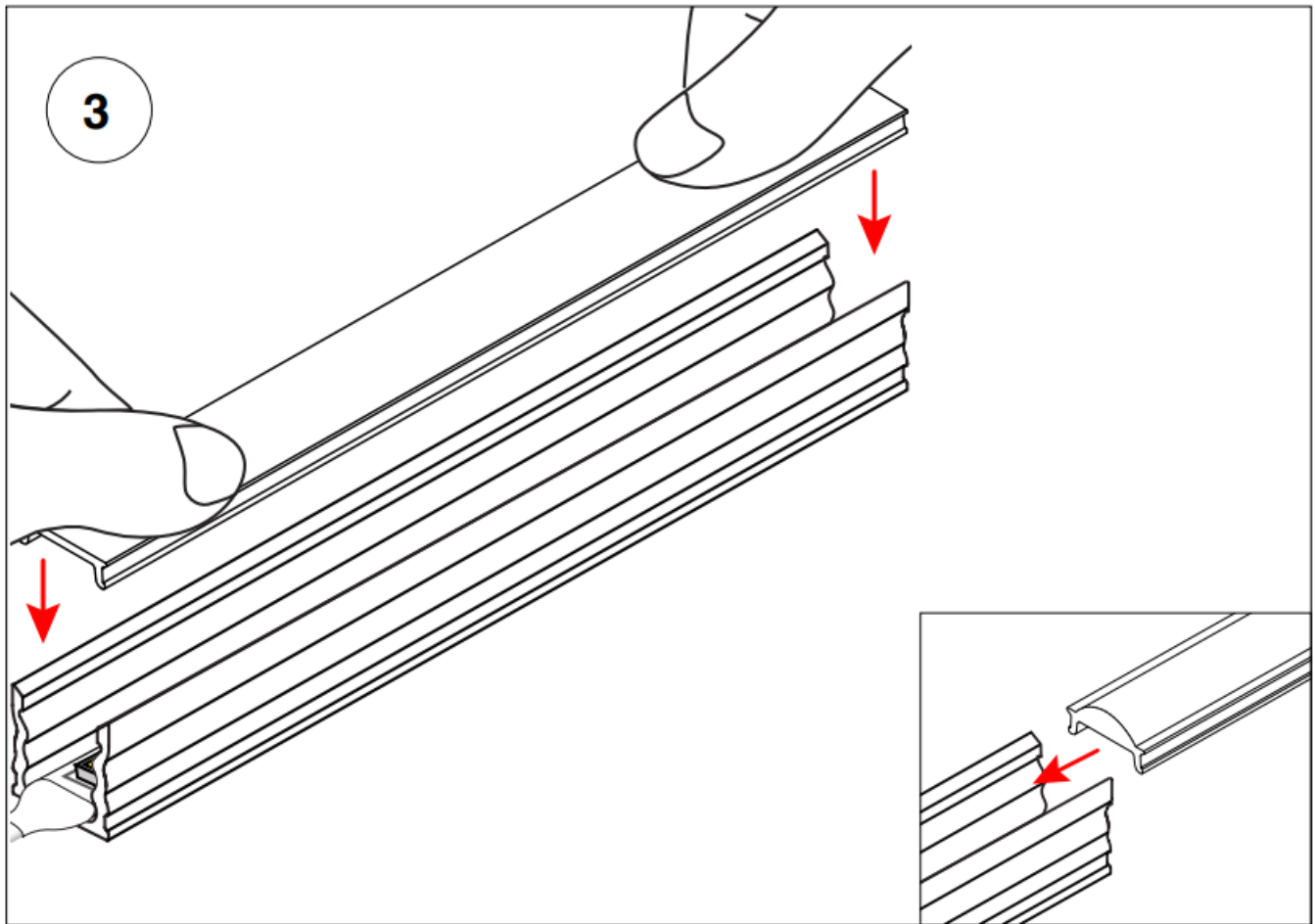


Using a 50/50 alcohol mix thoroughly clean, the surface of the extrusion and the multi-tray surface. Allow time to dry (about 5 minutes).

2



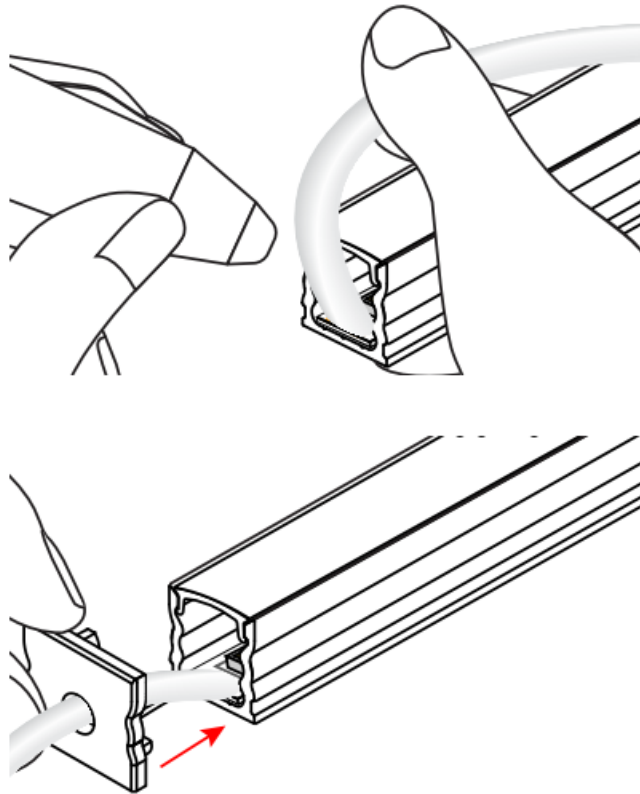
Gently place LED in extrusion/tray. Apply firm pressure to the bonding surface. This will reduce the chances of dust and debris from contaminate adhesive. The smallest amount of exposed adhesive is the best case.



Flat Lenses: Apply uniform pressure until the extrusion and lens snap securely together.

Optical Lenses: Starting from one end of the extrusion, slide the lens into the grooved lip of the extrusion until secured in place.

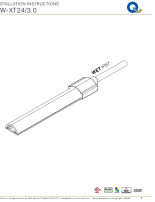

4



Add glue inside the end cap and glue around edges to secure end cap in place. Do not allow glue to come in contact with LED.

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Documents / Resources

	<p>Q-TRAN SW-XT24-3.0 Linear LED Strip Light [pdf] Instruction Manual SW-XT24-3.0 Linear LED Strip Light, SW-XT24-3.0, Linear LED Strip Light, LED Strip Light, Strip Light, Light</p>
	<p>Q-TRAN SW-XT24/3.0 Linear LED Strip [pdf] Instruction Manual SW-XT24 3.0, Linear LED Strip, SW-XT24 3.0 Linear LED Strip, LED Strip, Strip</p>

References

- [Your Name as Your Email | Hover Realnames](#)
- [LED Lighting Systems, Linear LED Lights, LED transformers | Q-Tran](#)

