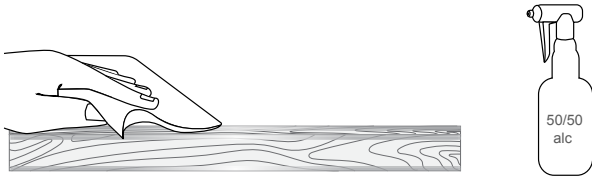


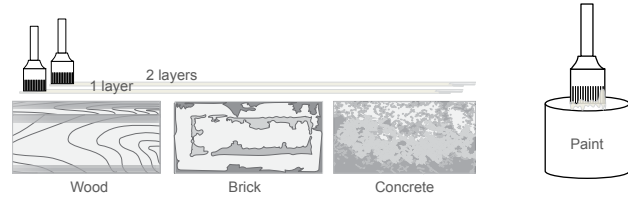
INSTALLATION STRIP



SURFACE PREPARATION



Thoroughly clean the area where the tape lights will be installed. Using a 50/50 alcohol mix, clean the area where LEDs will be applied and allow time for alcohol to dry, roughly 5 minutes.



For porous materials (wood, brick, concrete) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. This can be purchased from your local hardware store.

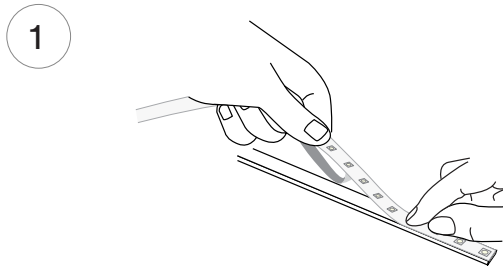


Apply 3M Primer 94 to surface where LED tape lights will be installed to increase bonding power. A second coat can be applied once first coat has dried. For best results with a porous material, apply the paint as described in step 3 and two layers of Primer 94.

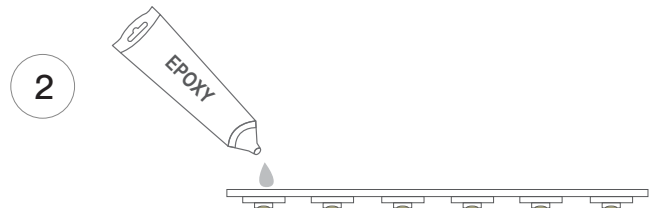
Temperature and Environmental concerns:

- Ideal application environment is 70-100° in 50% humidity
- Absolute minimum temperature: 50°F
- This temperature and humidity should be maintained for 72 hours after application for maximum holding force.

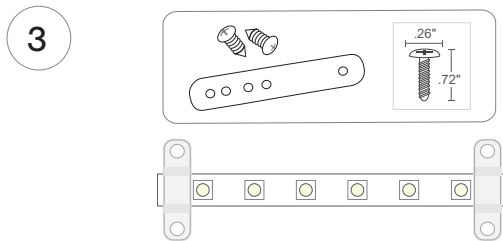
STRIP SURFACE INSTALLATION



Remove the backing from the adhesive and apply firm pressure to the bonding surface.

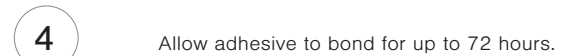


For Improved bonding performance, apply small amounts of epoxy at each end to increase holding force.



Install clips if they are being used. Install a strap every 12" to secure.

Materials	Suggested Epoxies
Concrete, Stone, Cinderblock, Metal & Brick	Loctite Metal and Concrete Two-Part Epoxy
ABS, Fiberglass, Plastic, and PVC	Loctite Plastic Two-Part Epoxy
Tile, Wood, Ceramic, Glass, or Metal	Loctite Clear Two-Part Epoxy
All Purpose	Strong Stik



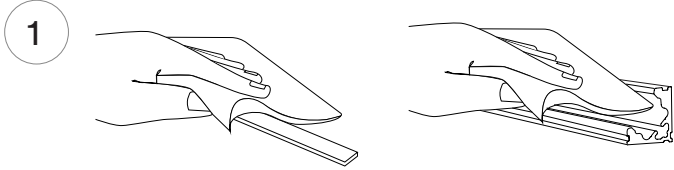
Allow adhesive to bond for up to 72 hours.

NOTES: • Field modifications must comply with Q-Tran's installation methods otherwise warranty is null and void

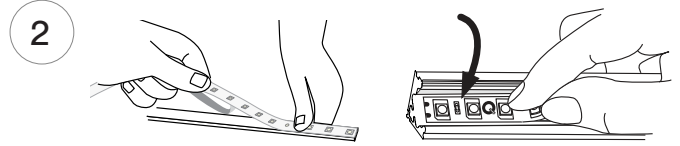
INSTALLATION STRIP



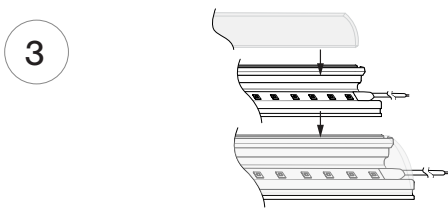
STRIP/EXTRUSION ASSEMBLY



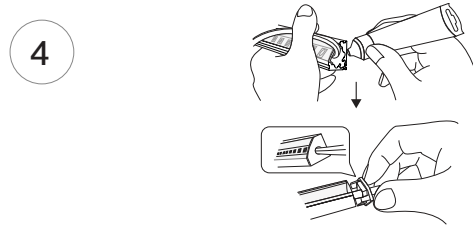
Using a 50/50 alcohol mix, thoroughly clean the surface of the extrusion and the multi-tray surface, allow time to dry (about 5 minutes).



Gently place LED in Extrusion/Tray. Apply firm pressure to the bonding surface. Do not remove more of the backing than is needed.

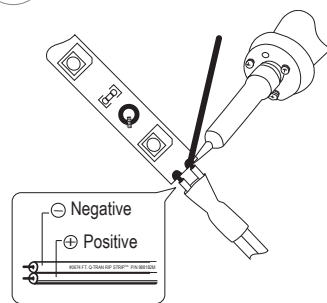
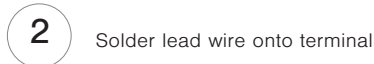
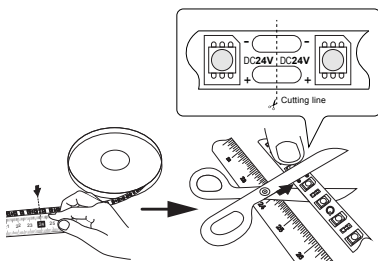
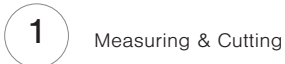


Start applying uniform pressure until the two panels (extrusion & lens) snap securely together.



Add glue inside the cap and glue around to secure End Cap in place.

LEAD WIRE & JUMPER

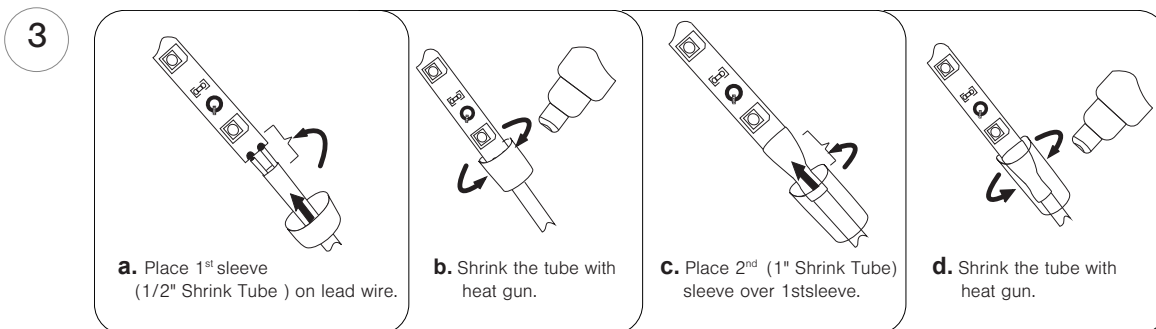


Materials - Lead Wire

- (1) 18" Lead Wire
- (1) 6" Solder
- (1) 1" Shrink Tube
- (1) 1/2" Shrink Tube

Materials - Jumper

- (1) 6" Lead Wire
- (1) 6" Solder
- (2) 1" Shrink Tube
- (2) 1/2" Shrink Tube

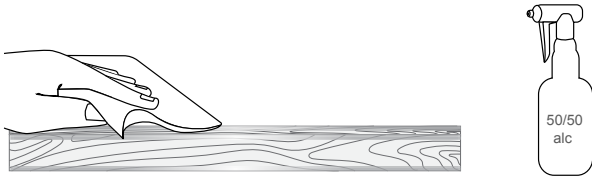


NOTES: • Field modifications must comply with Q-Tran's installation methods otherwise warranty is null and void

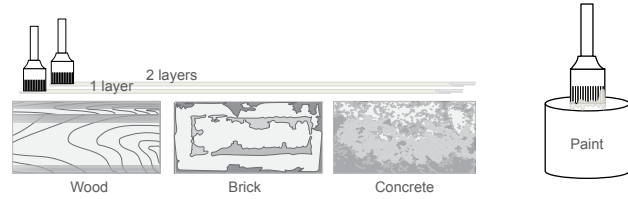
INSTALLATION STRIP



SURFACE PREPARATION



Thoroughly clean the area where the tape lights will be installed. Using a 50/50 alcohol mix, clean the area where LEDs will be applied and allow time for alcohol to dry, roughly 5 minutes.



For porous materials (wood, brick, concrete) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. This can be purchased from your local hardware store.

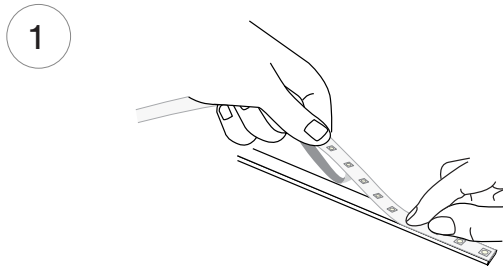


Apply 3M Primer 94 to surface where LED tape lights will be installed to increase bonding power. A second coat can be applied once first coat has dried. For best results with a porous material, apply the paint as described in step 3 and two layers of Primer 94.

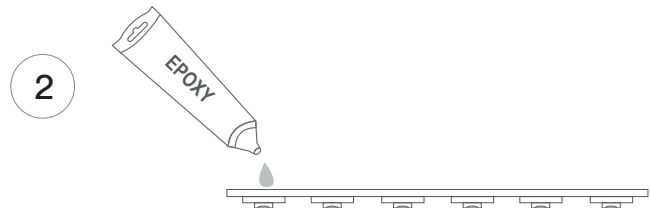
Temperature and Environmental concerns:

- Ideal application environment is 70-100° in 50% humidity
- Absolute minimum temperature: 50°F
- This temperature and humidity should be maintained for 72 hours after application for maximum holding force.

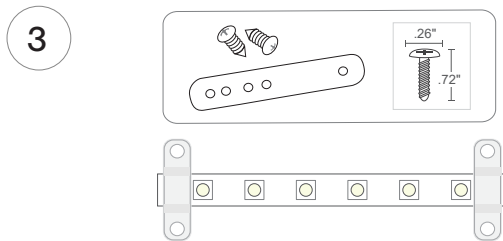
STRIP SURFACE INSTALLATION



Remove the backing from the adhesive and apply firm pressure to the bonding surface.

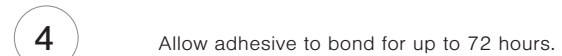


For Improved bonding performance, apply small amounts of epoxy at each end to increase holding force.



Install clips if they are being used. Install a strap every 12" to secure.

Materials	Suggested Epoxies
Concrete, Stone, Cinderblock, Metal & Brick	Loctite Metal and Concrete Two-Part Epoxy
ABS, Fiberglass, Plastic, and PVC	Loctite Plastic Two-Part Epoxy
Tile, Wood, Ceramic, Glass, or Metal	Loctite Clear Two-Part Epoxy
All Purpose	Strong Stik



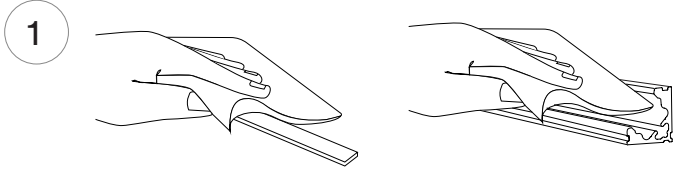
Allow adhesive to bond for up to 72 hours.

NOTES: • Field modifications must comply with Q-Tran's installation methods otherwise warranty is null and void

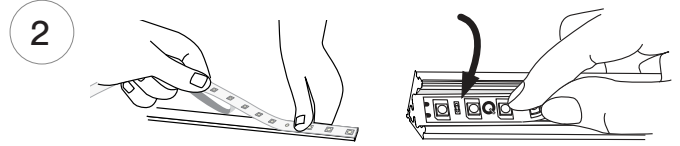
INSTALLATION STRIP



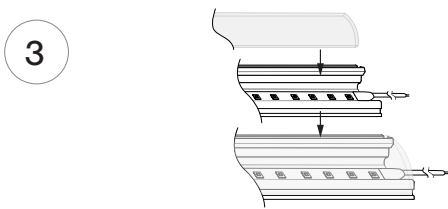
STRIP/EXTRUSION ASSEMBLY



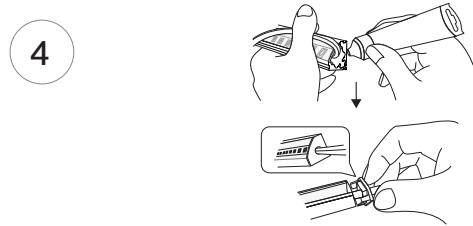
Using a 50/50 alcohol mix, thoroughly clean the surface of the extrusion and the multi-tray surface, allow time to dry (about 5 minutes).



Gently place LED in Extrusion/Tray. Apply firm pressure to the bonding surface. Do not remove more of the backing than is needed.

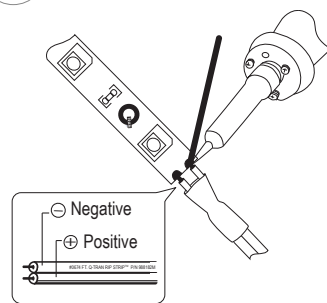
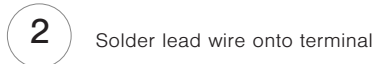
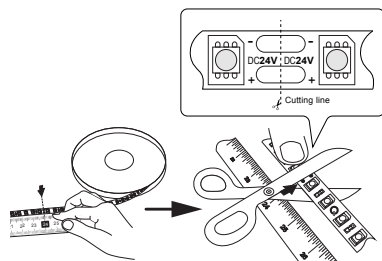
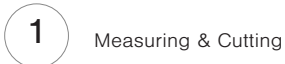


Start applying uniform pressure until the two panels (extrusion & lens) snap securely together.



Add glue inside the cap and glue around to secure End Cap in place.

LEAD WIRE & JUMPER



Materials - Lead Wire

- (1) 18" Lead Wire
- (1) 6" Solder
- (1) 1" Shrink Tube
- (1) 1/2" Shrink Tube

Materials - Jumper

- (1) 6" Lead Wire
- (1) 6" Solder
- (2) 1" Shrink Tube
- (2) 1/2" Shrink Tube



a. Place 1st sleeve (1/2" Shrink Tube) on lead wire.

b. Shrink the tube with heat gun.

c. Place 2nd (1" Shrink Tube) sleeve over 1st sleeve.

d. Shrink the tube with heat gun.

NOTES: • Field modifications must comply with Q-Tran's installation methods otherwise warranty is null and void