



LED INSTALLATION INSTRUCTION iQ20 DRY RATED

Please read all instructions prior to installation and keep for future reference.

1. Product should be installed by a qualified electrician.
2. Prior to installation ensure power is off at the power supply center to prevent shock.
3. Use Q-Tran power supplies.
4. Suitable for Dry Locations.
5. Temp Rating: -4 degree to +113 °F.



- Q-Tran tests all factory soldered leads before shipping to ensure LED is working.
- Thoroughly clean the area where the tape light is to be installed.

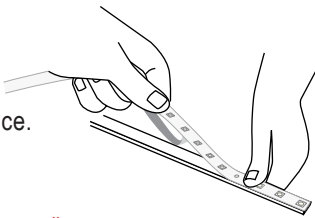
Materials

- LED Tape light
- Screws
- Mounting Clips
- Mounting Straps

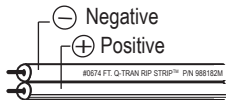
NOTE: Q-Tran offers a full line of mounting extrusions / channels.

iQ20

Remove the backing from the adhesive and apply firm pressure to the bonding surface. Do not remove more of the backing than is needed, this allows for dust and debris to contaminate the adhesive. The smallest amount of exposed adhesive is the best case.

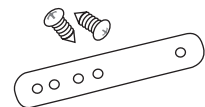


*For LED application instructions please review the Applying LEDs using adhesive section on pages 2 and 3.

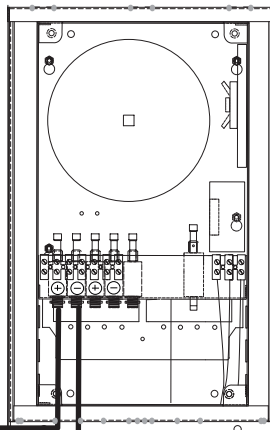


Install a strap every 12" to secure LED Tape light to mounting surface.

- mounting screw (provided)
- mounting strap (provided)



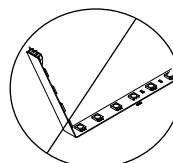
12"



Q-TRAN Power Supply

Always ensure power to power supply is off! Follow diagram below to connect power feed wires to power supply. Refer to Q-Tran power supply instructions for wiring information line voltage side.

NOTE: Always test LED operation before installing. Connect LED to power supply to ensure it is working properly and all non factory soldered connections are secure.



- Avoid bending tapelight in sharp horizontal angles which may damage the LEDs.
- Field modifications are not covered by Q-Tran warranty.


2017.V01



iQ20 LED INSTALLATION INSTRUCTION SURFACE PREPARATION

Please read all instructions prior to installation and keep for future reference.

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5. Temp Rating: -4 degree to +113 °F.



- Q-Tran tests all factory soldered leads before shipping to ensure LED is working.
- Thoroughly clean the area where the tape light is to be installed.

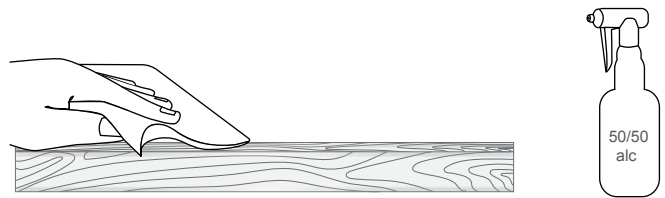
Materials
<ul style="list-style-type: none"> • LED Tape light • Primer 94 • 50/50 alcohol

NOTE: Q-Tran offers a full line of mounting extrusions / channels.

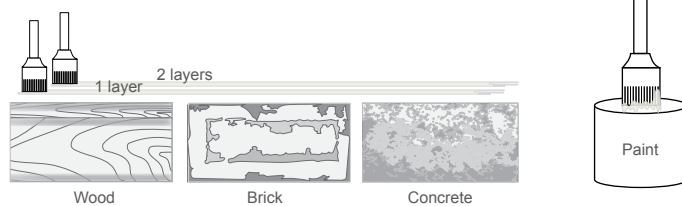
Surface preparation

- 1 Temperature and environmental concerns:
 - a. Ideal application environment is 70-100°F in 50% humidity
 - b. Absolute Minimum temperature : 50°F
 - c. This temperature and humidity should be maintained for 72 hours after application for maximum holding force

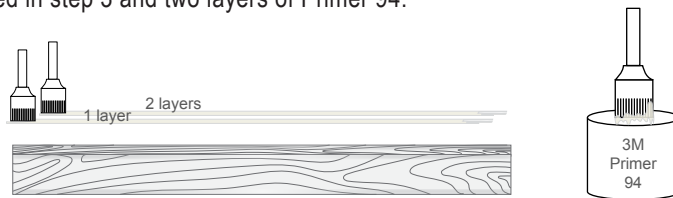
- 2 Thoroughly clean the area where tape lights will be installed. Using a 50/50 alcohol mix, clean the area where LEDs will be applied and allow time for alcohol to dry, roughly 5 minutes.



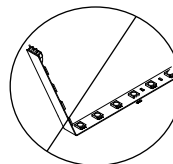
- 3 For porous materials (Wood, Brick, Concrete) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. This can be purchased from local hardware store.



- 4 Apply 3M Primer 94 to surface where LED tape lights will be installed to increase bonding power. Allow time for Primer 94 to dry, roughly 5 minutes at room temperature. 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.



NOTE: Always test LED operation before installing. Connect LED to power supply to ensure it is working properly and all non factory soldered connections are secure.



- Avoid bending tapelight in sharp horizontal angles which may damage the LEDs.
- Field modifications are not covered by Q-Tran warranty.



iQ20 LED INSTALLATION INSTRUCTION

APPLYING THE LEDS

Please read all instructions prior to installation and keep for future reference.

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5. Temp Rating: -4 degree to +113 °F.

NOTE: Q-Tran offers a full line of mounting extrusions / channels.



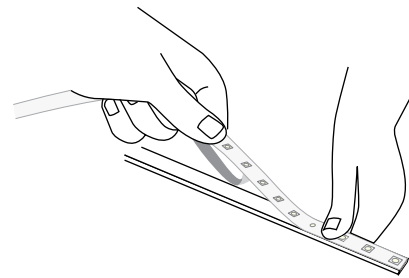
- Q-Tran tests all factory soldered leads before shipping to ensure LED is working.
- Thoroughly clean the area where the tape light is to be installed.

Materials

- LED Tape light
- Mounting clips
- Epoxy

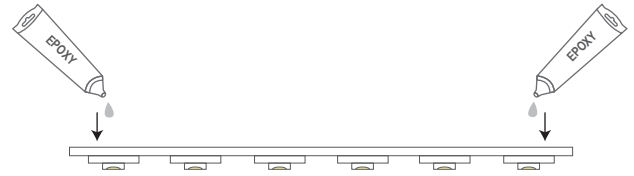
Applying the LEDs

- 1 Remove the backing from the adhesive and apply firm pressure to the bonding surface. Do not remove more of the backing than is needed, this allows for dust and debris to contaminate the adhesive. The smallest amount of exposed adhesive is the best case.



- 2 For improved bonding performance, apply small amounts of epoxy at each end to increase holding force. Refer to table below for suggested epoxies. All are available from local hardware store.

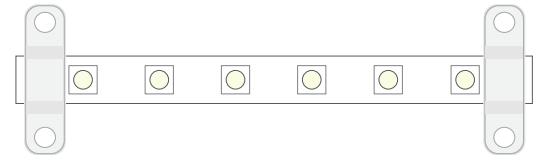
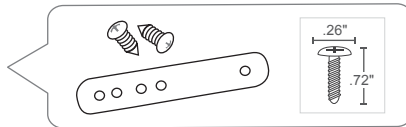
Materials	Suggested Epoxies
Concrete, Stone, Cinderblock, Metal and Brick	Loctite Metal and Concrete Two-Part Epoxy
ABS, Fiberglass, Plastic and PVC	Loctite Plastic Two-Part Epoxy
Tile, Wood, Ceramic, Glass, or Metal	Loctite Clear Two-Part Epoxy
All Purpose	Strong Stik



- 3 Install clips if they are being used.

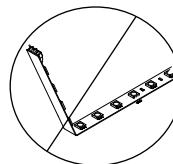
Install a strap every 12" to secure LED Tape light to mounting surface.

- mounting screw (provided)
- mounting strap (provided)



- 4 Allow the adhesive to bond for up to 72 hours.

NOTE: Always test LED operation before installing. Connect LED to power supply to ensure it is working properly and all non factory soldered connections are secure.



- Avoid bending tapelight in sharp horizontal angles which may damage the LEDs.
- Field modifications are not covered by Q-Tran warranty.



iQ20 LED INSTALLATION INSTRUCTION

CUTTING - LEAD WIRE & JUMPER

Please read all instructions prior to installation and keep for future reference.

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4. Suitable for Dry Locations.
5. Temp Rating: -4 degree to +113 °F.



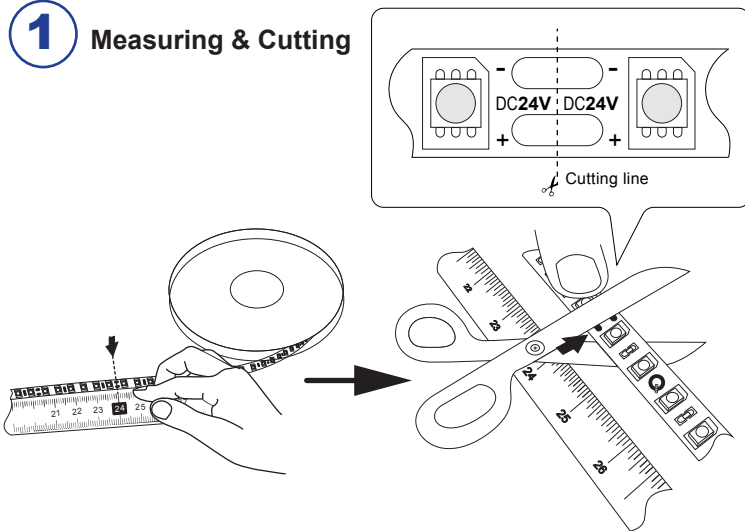
- Q-Tran tests all factory soldered leads before shipping to ensure LED is working.
- Thoroughly clean the area where the tape light is to be installed.

Materials

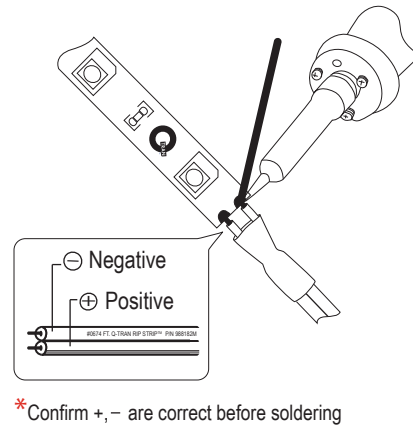
- LED Tape light
- Measuring Tape
- Scissors
- Heat Gun

NOTE: Q-Tran offers a full line of mounting extrusions / channels.

1 Measuring & Cutting



2 Solder lead wire onto terminal



Items includes (Lead Wire)

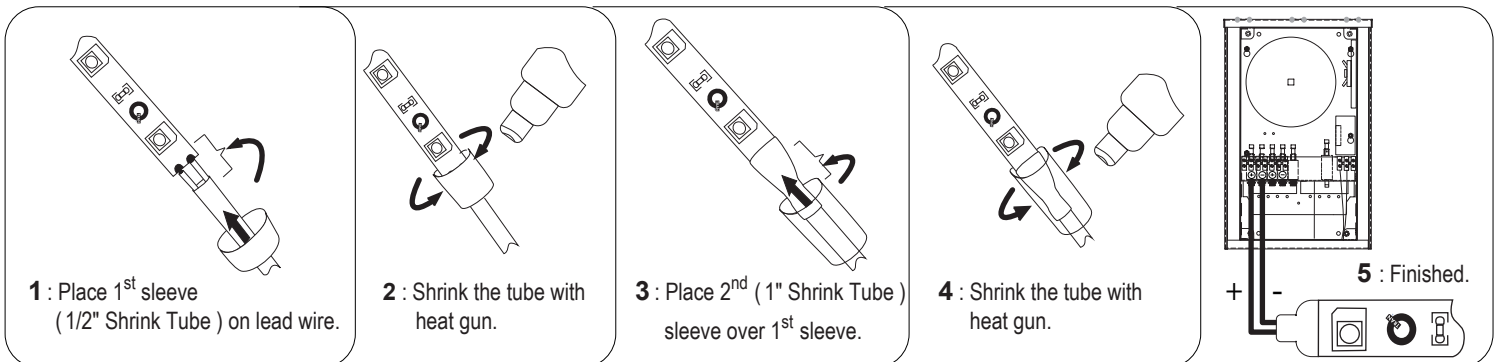
- (1) 18" Lead wire
- (1) 6" Solder
- (1) 1" Shrink Tube
- (1) 1/2" Shrink Tube

Items includes (Jumper)

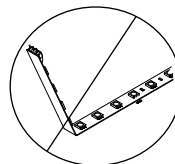
- (1) 6" Lead wire
- (1) 6" Solder
- (2) 1" Shrink Tube
- (2) 1/2" Shrink Tube

3 Place shrink tube. Steps 1 - 5

4 For jumper : repeat step 2 and 3



NOTE: Always test LED operation before installing. Connect LED to power supply to ensure it is working properly and all non factory soldered connections are secure.



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iQ20 LED INSTALLATION INSTRUCTION

iQ-CMP-LEAD & iQ-INLINE

Please read all instructions prior to installation and keep for future reference.

1. Product should be installed by a qualified electrician.
2. Prior to installation ensure power is off at the power supply center to prevent shock.
3. Use Q-Tran power supplies.
4. Suitable for Dry Locations.
5. Temp Rating: -4 degree to +113 °F.

NOTE: Q-Tran offers a full line of mounting extrusions / channels.

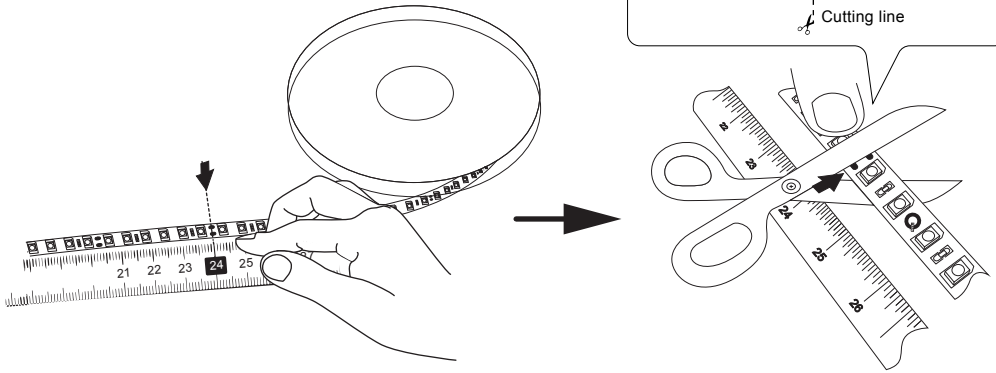


- Q-Tran tests all factory soldered leads before shipping to ensure LED is working.
- Thoroughly clean the area where the tape light is to be installed.

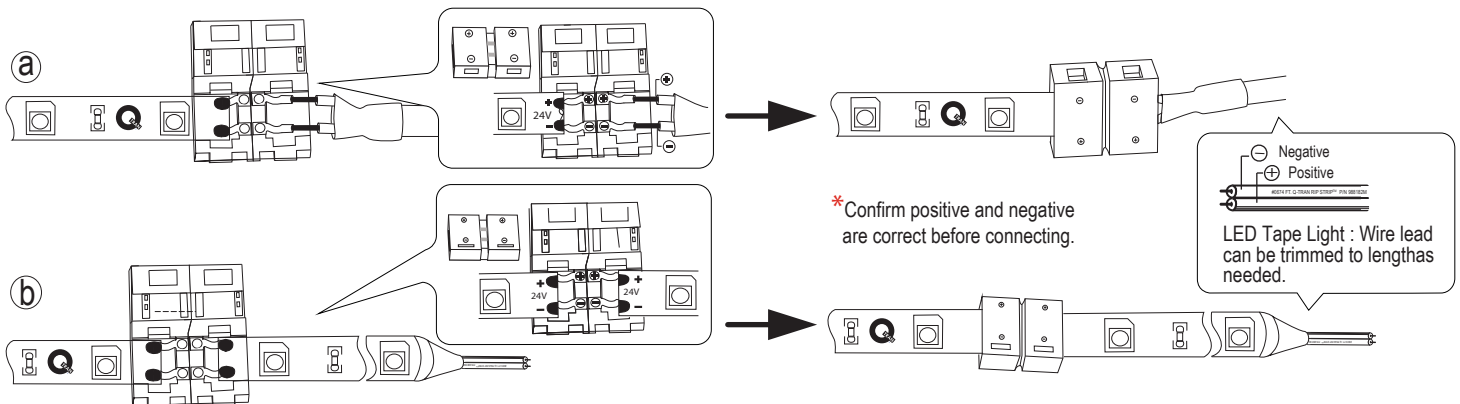
Materials

- LED Tape light
- Measuring Tape
- Scissors
- iQ-CMP-LEAD
- iQ-INLINE

1 Measuring & Cutting

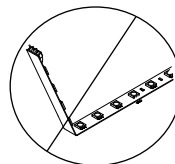


- ## 2 Connector
- a iQ-CMP-LEAD:** Connector joins a tape light to lead wire where no soldering is required. **NOTE:** Not to be used inside extrusions
- b iQ-INLINE:** The inline connector joins tape lights together.



*Max length 2 or more pieces of LED can be connected together is depending on the watts per foot.

NOTE: Always test LED operation before installing. Connect LED to power supply to ensure it is working properly and all non factory soldered connections are secure.



- Avoid bending tapelight in sharp horizontal angles which may damage the LEDs.
- Field modifications are not covered by Q-Tran warranty.



IQ20 LED INSTALLATION INSTRUCTION

IQ-CMP-LEAD & IQ-CMP-JUMP (Chip 28 & 35)

Please read all instructions prior to installation and keep for future reference.

1. Product should be installed by a qualified electrician.
2. Prior to installation ensure power is off at the power supply center to prevent shock.
3. Use Q-Tran power supplies.
4. Suitable for Dry Locations.
5. Temp Rating: -4 degree to +113 °F.

NOTE: Q-Tran offers a full line of mounting extrusions / channels.

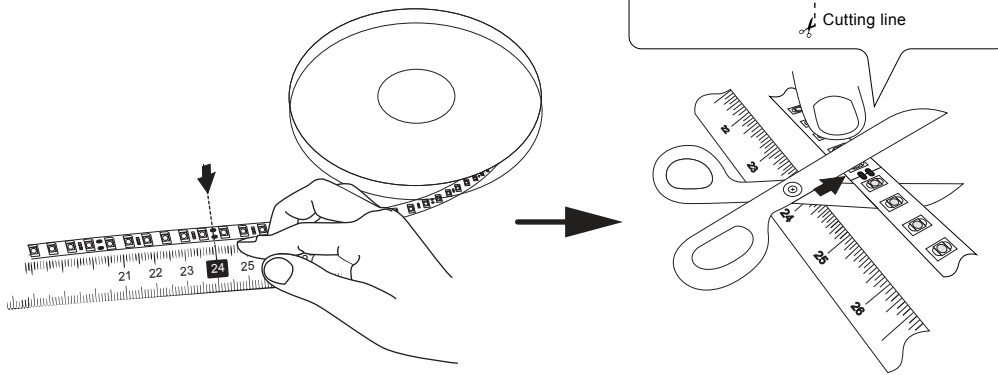
Materials

- LED Tape light
- Measuring Tape
- Scissors
- IQ-CMP-LEAD
- IQ-CMP-JUMP

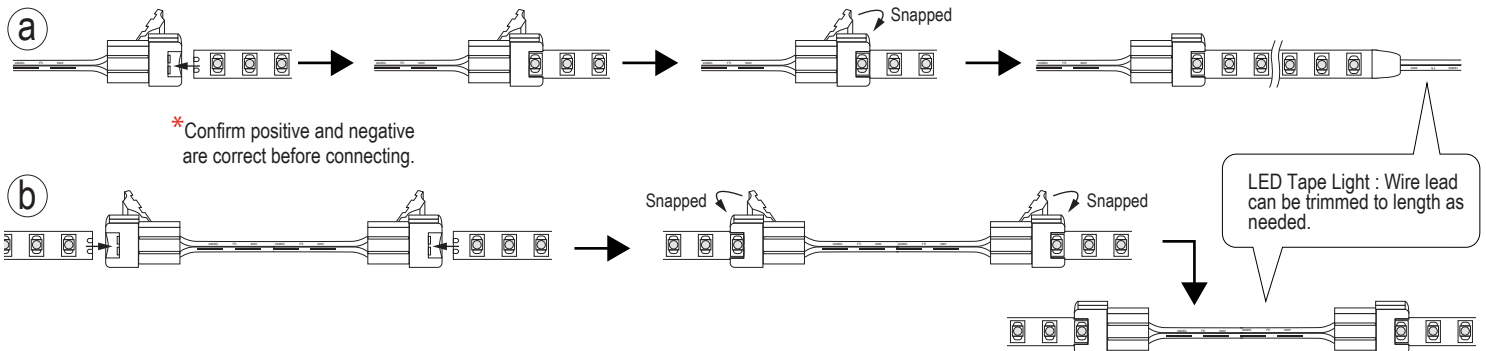


- Q-Tran tests all factory soldered leads before shipping to ensure LED is working.
- Thoroughly clean the area where the tape light is to be installed.

1 Measuring & Cutting

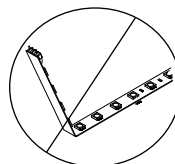


- ## 2 Connector
- a) IQ-CMP-LEAD:** Connector joins a tape light to lead wire where no soldering is required.
- b) IQ-CMP-JUMP:** The Jump connector joins tape lights together.



*Max length 2 or more pieces of LED can be connected together is depending on the watts per foot.

NOTE: Always test LED operation before installing. Connect LED to power supply to ensure it is working properly and all non factory soldered connections are secure.



- Avoid bending tapelight in sharp horizontal angles which may damage the LEDs.
- Field modifications are not covered by Q-Tran warranty.



LED INSTALLATION INSTRUCTION

LED / EXTRUSION ASSEMBLY

Please read all instructions prior to installation and keep for future reference.

Temperature and environmental concerns:

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



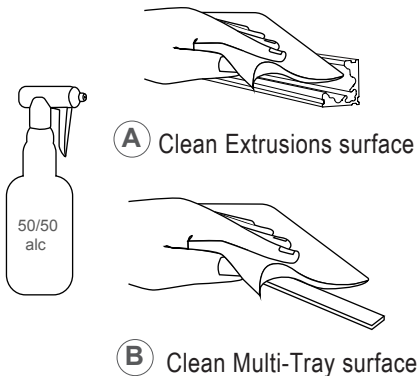
- Q-Tran tests all factory soldered leads before shipping to ensure LED is working.
- Thoroughly clean the area where the tape light is to be installed.

Materials

- LED Tape Light
- VHB Tape
- Extrusion Lens
- End Cap
- Crazy Glue

1 Clean the surface before applying:

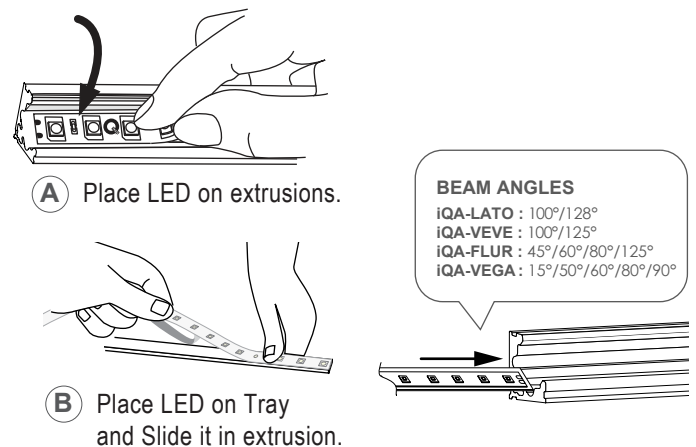
Thoroughly clean the area where tape lights will be installed. Using a 50/50 alcohol mix, clean the area where LEDs will be applied and allow time for alcohol to dry, roughly 5 minutes.



2 Gently place LED in extrusion/Tray:

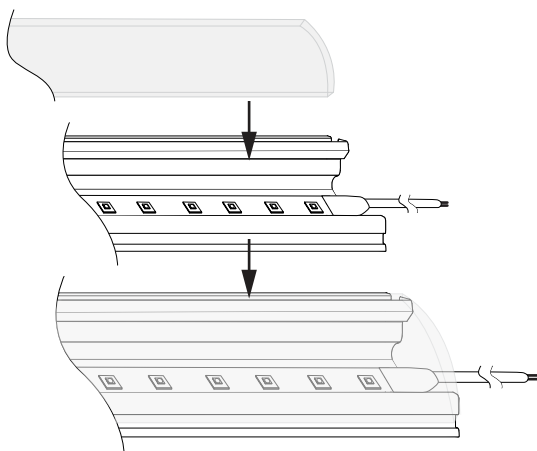
Apply firm pressure to the bonding surface. Do not remove more of the backing than is needed, this allows for dust and debris to contaminate the adhesive. The smallest amount of exposed adhesive is the best case.

NOTE: Non Multi-Tray extrusions used step A



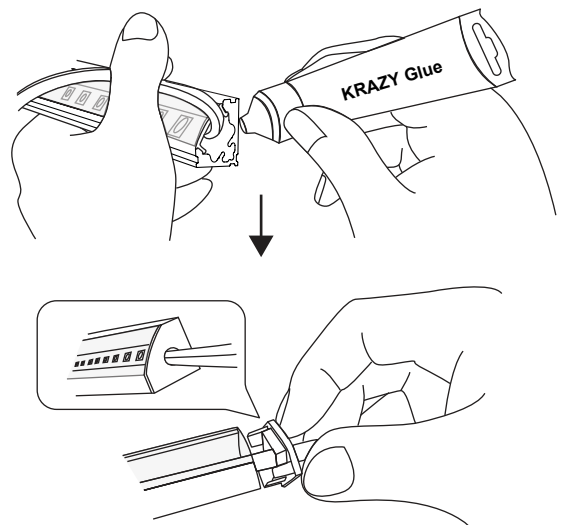
3 Snap lens in extrusion to protect tape light:

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



4 Secure End Cap in place:


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





INSTALLATION INSTRUCTIONS

Mounting Clips

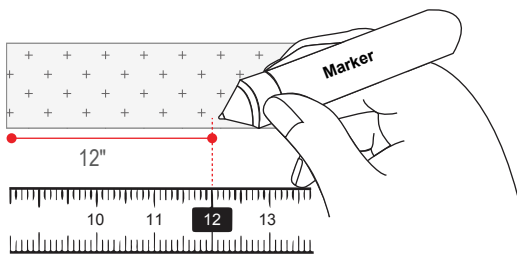


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- Thoroughly clean the area where the tape light is to be installed.

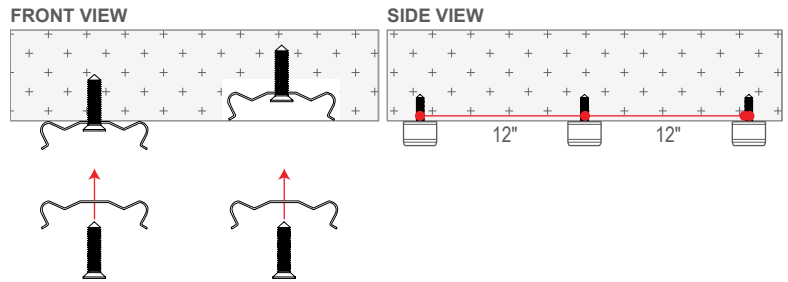
Materials	
• Measuring Tape	• Screws
• Marker	• Clips

EXTRUSIONS	CLIPS	EXTRUSIONS	CLIPS	EXTRUSIONS	CLIPS
iQA-LATO iQA-FLUR iQA-VEVE		iQA-WIDE		iQA-SLIM	
iQA-45DW-RD iQA-45DW-90		iQA-SQUR		iQA-VEGA	
				iQA-ROND	

1 **Measuring & Marking where the clips being used:**
 Measuring & Marking every 12" to secure the clips to mounting surface.

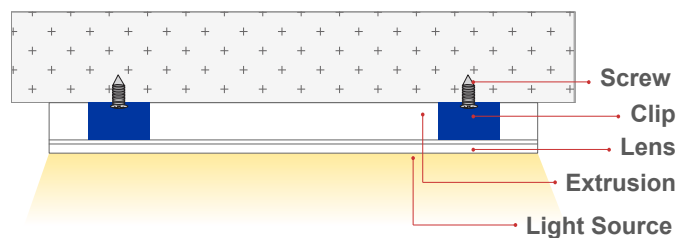
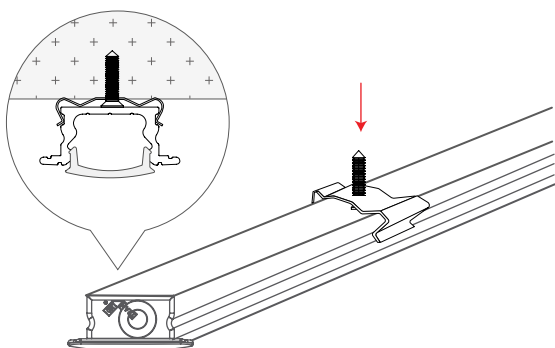


2 **Secure LED Tape light to mounting surface:**
 mounting screw (#4 x 5/8" Flat Head SS) are provided



NOTE: Mounting clips are provided with each 8ft length of extrusion.

3 **Clips:** Snap extrusion into installed clips.





LED INSTALLATION INSTRUCTIONS

Mounting Options



- Q-Tran tests all factory soldered leads before shipping to ensure LED is working.
- Thoroughly clean the area where the tape light is to be installed.

Materials

- VHB Foam Tape
- Strong Stik
- Screws
- Clips

Mounting Options

BEAM ANGLES
 IQA-LATO : 100°/128°
 IQA-VEVE : 100°/125°
 IQA-FLUR : 45°/60°/80°/125°
 IQA-VEGA : 15°/50°/60°/80°/90°

Clips

VHB Foam Tape

Screws: #4 x 5/8" Flat Head SS

Strong stik* VHB Foam Tape:
Sold separately

*For better bonding See #2 on page 3

CEILING

WALL

CONCRETE

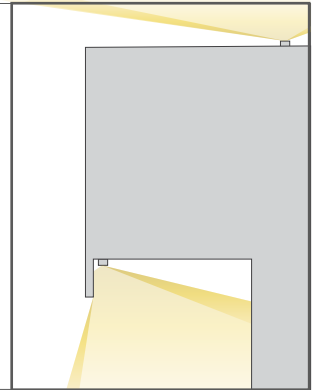
FLOOR

NOTE: LATO, FLUR and VEVE are UL listed pending for recessed

NOTE: Not rated for walkover

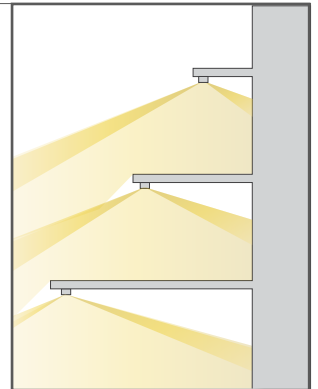
Cove, Under & over cabinet:

Ideal for office, retail, hospitality, education, laboratory and residential.



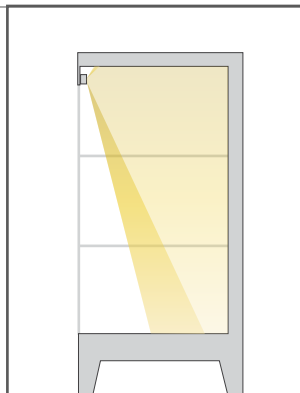
Shelf:

Ideal for office, retail, hospitality, education, laboratory and residential.



Display cabinet:

Ideal for retail and hospitality.



Signage:

Ideal for lobby, retail, hospitality, institutional, and transportation.

