Orex™
Aluminum Channel Installation Instructions
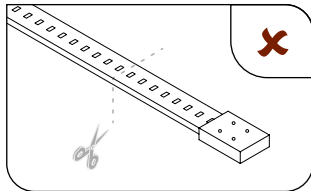

⚠ SAFETY PRECAUTIONS

VOLTAGE
Hazardous voltage present. Please verify voltage prior to connecting and install per state and local codes.
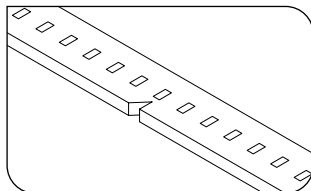
PRODUCT MODIFICATIONS
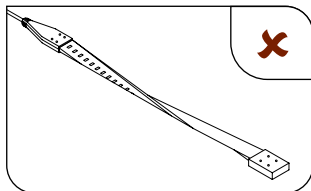Product is NOT to be modified in the field. Modifications will void ETL listing and warranty.

DAMAGE
Remove from power source immediately if any damage is found in the LED strip or cabling.
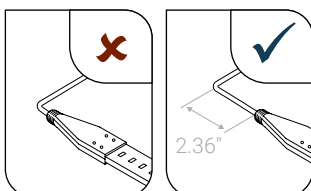
TWISTING
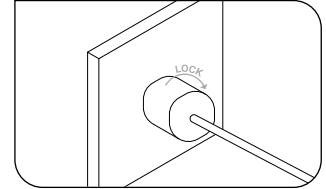Do not twist or bend product excessively. Do not hit or pull the product with excessive force.

CABLE HANDLING
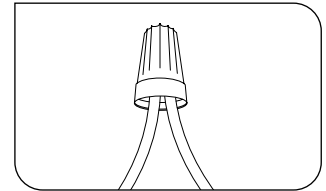The first 2.36" (60mm) of the cable should maintain its natural state before any bending accrues.

2.36"

SECURE CONNECTIONS
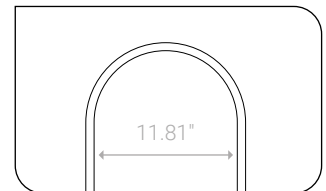Ensure all electrical connections are insulated and secure before applying power.

LOCK

PROPER CONNECTIONS
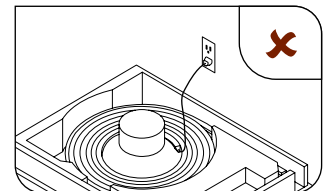Connect power feed to appropriate power source or controls.

BENDING LIMITS
Do not bend product smaller than bending diameter: 11.81" (300mm).

11.81"

POWER TESTING
Do not power up while coiled for over 30 minutes. This may lead to overheating and damage.

KELVIX ACCESSORIES
The use of third-party accessories must be pre-approved by Kelvix. Failure to do so will void manufacturer warranty.
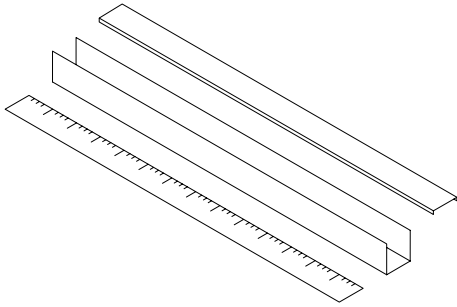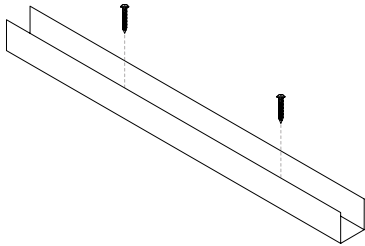
5 YEAR WARRANTY

Orex™
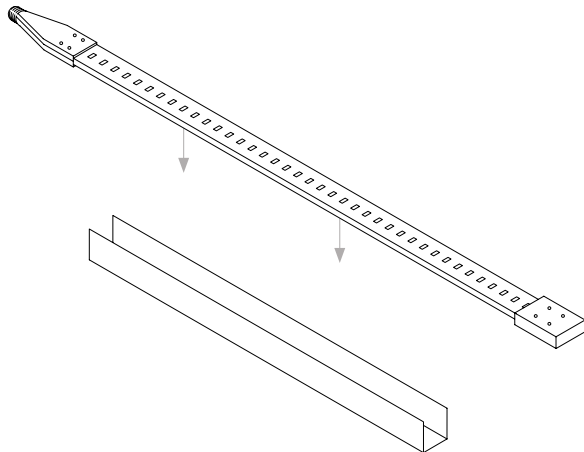## Aluminum Channel Installation Instructions

1 | Measure and cut channel and lens to length as needed.

2 | Screw channel through pre-drilled holes directly into mounting surface.

3 | Remove 3M backing then apply LED strip into the channel (power feed and end cap will extend past the end of the channel).
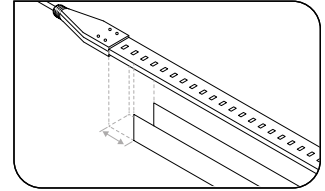

PROFILE LENGTH
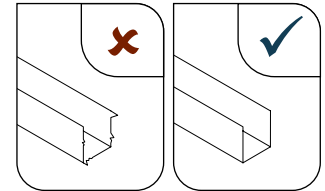Reserve distance between the connector and channel on each end.
Orex Distance:
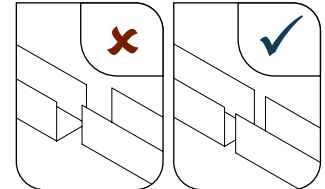0.04"−0.14" (1.0−3.5mm)
Orex 277V Distance:
0.06"−0.25" (1.6−6.3mm)

PROFILE CUTTING
Make sure the cross section of the channel is smooth without any burrs.
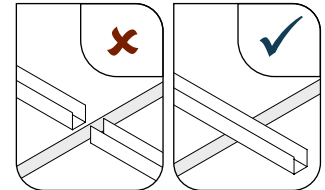

PROFILE ALIGNMENT
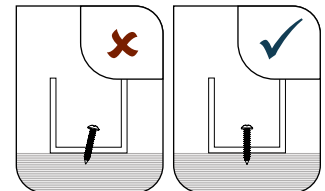When using multiple channels the channel junctions should be aligned and the gap between should be at least 0.19" (5mm).

EXPANSION JOINTS
Do not connect two channels at an expansion joint. Cross the expansion joint near the middle of the channel.

PROFILE SECURING
Ensure screws are driven vertically and flush to bottom edge to avoid damaging the outer jacket during installation.
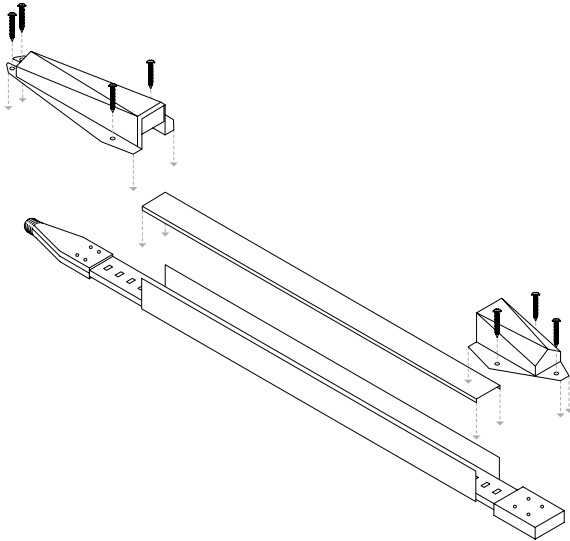
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Aluminum Channel Installation Instructions

4 | Attach the channel lens then the channel start cap and the channel finish cap.

5 | For RX277, RX, and RXT products with a hardwire cable, hardwire in a standard J-Box. For RX and RXT products with a plug in cable, ensure connection to receptacle is secure. Connect to AC Power after verifying all electrical connections.

DIMMING
For 0–10V wiring, please refer to the corresponding LCX spec sheet for details or reach out to our team.

GROUND

NEUTRAL

HOT