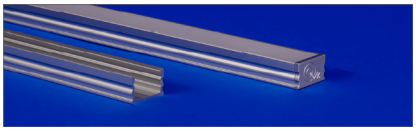
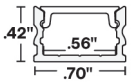
LALO

Field Assembled Extrusion - Surface & Recessed

SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶





- Mid-low profile LED aluminum extrusion
- Utilizes a sleek flat lens and a shadowless end cap design
- Ideal for lighting indirect and direct surface mount applications

1 PRODUCT	2 FINISH	3 MOUNTING	4 LENS	5 WIRE INPUT/OUTPUT	6 EXTRUSION LENGTH (IN)
LALO				NI	

Sample Part Number: **LALO-BK-MG-DF-NI-48"**

1 PRODUCT

LALO

2 FINISH

ST	Satin
BK	Black
CU	Custom Color

Custom finishes require a longer lead time, consult factory

3 MOUNTING

SST	Stainless Steel
M4	Low Profile Magnet
MG	Magnet

Refer to following pages for mounting clip option details and provided quantities.

4 LENS

DF	Diffused
PR	Polar
FR	Frosted
17DEG	Optical 17°

For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance section on following pages.
For optional snap-on louver ordering, see External Louver Accessory section on following pages.

5 WIRE INPUT/OUTPUT

NI Not Installed

6 EXTRUSION LENGTH (IN)

1" increments from 1" - 98.43"
Tolerance +0.0"/-0.5"

COMPATIBLE LED STRIPS

	STATIC WHITE (SW)	STATIC WHITE STANDARD (SD-SW)	STATIC WHITE HIGH EFFICACY (SW-HE)	STATIC WHITE HIGH EFFICACY PLUS (SW-HE+)	STATIC WHITE EXTREME TEMP (SW-XT)	SHIELD STATIC WHITE (SHLD-SW)	SHIELD STATIC WHITE HIGH EFFICACY (SHLD-SW-HE)	DYNAMIC WHITE HIGH EFFICACY (DW-HE)	WARM DIM (WD)	STATIC COLOR (SC)	RGB	RGBW	RGBW HIGH EFFICACY (RGBW-HE)
DRY	✓ W/FT: 1.5, 3.0, 4.0, 5.0	✓ W/FT: 1.0, 2.0, 4.0, 6.0	✓ W/FT: 1.5, 3.0, 6.0, 9.0	✓ W/FT: 3.0, 6.0		✓ W/FT: 1.5, 3.0, 5.0	✓ W/FT: 1.5, 3.0, 6.0	✓ W/FT: 1.5, 2.5, 4.0	✓ W/FT: 6.0	✓ W/FT: 5.0	✓ W/FT: 6.0	✓ W/FT: 6.0	✓ W/FT: 4.0, 8.0
DMP	✓ W/FT: 1.5, 3.0, 4.0, 5.0		✓ W/FT: 1.5, 3.0, 6.0					✓ W/FT: 1.5, 2.5	✓ W/FT: 6.0	✓ W/FT: 5.0	✓ W/FT: 6.0	✓ W/FT: 6.0	✓ W/FT: 4.0
ENC	✓ W/FT: 1.5, 3.0, 4.0, 5.0		✓ W/FT: 1.5, 3.0, 6.0					✓ W/FT: 1.5, 2.5		✓ W/FT: 5.0	✓ W/FT: 6.0	✓ W/FT: 6.0	✓ W/FT: 4.0
WET	✓ W/FT: 1.5, 3.0, 4.0, 5.0	✓ W/FT: 1.0, 2.0, 4.0		✓ W/FT: 3.0, 6.0	✓ W/FT: 3.0	✓ W/FT: 1.5, 3.0, 5.0	✓ W/FT: 1.5, 3.0, 6.0	✓ W/FT: 1.5, 2.5	✓ W/FT: 6.0	✓ W/FT: 5.0	✓ W/FT: 6.0		✓ W/FT: 4.0

Field modifications must comply with QTL's installation methods otherwise warranty is null & void | Surface mount | Painted end caps match the extrusion finish and have a white painted interior. Satin end caps utilize a metallic paint.

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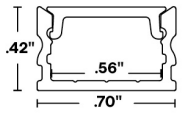
Specification subject to change. Rev-03-17-26

LALO

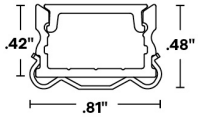
Field Assembled Extrusion - Surface & Recessed

SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶

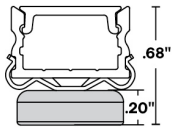
1 PRODUCT - DIMENSIONS



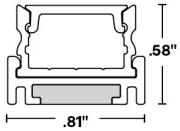
Profile with flat lens



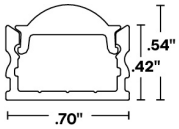
Profile with flat lens and stainless steel mounting clip



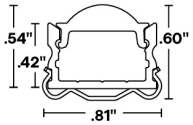
Profile with flat lens and magnet mounting clip



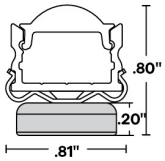
Profile with flat lens and low profile magnet



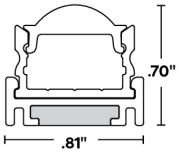
Profile with optical lens



Profile with optical lens and stainless steel mounting clip



Profile with optical lens magnet mounting clip

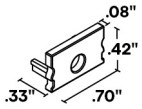


Profile with optical lens and low profile magnet

END CAPS

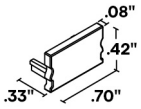
One pair of end caps is provided with each length of extrusion ordered.

Flat end caps



Feed

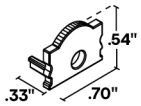
To order separately, use LALO-EC



No feed

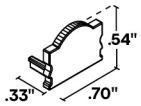
To order separately, use LALO-EC

Optical end caps



Feed

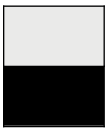
To order separately, use LALO-EC-17DEG



No feed

To order separately, use LALO-EC-17DEG

2 FINISH



Satin

Black

Custom finishes require a longer lead time, consult factory

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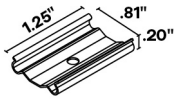
LALO

Field Assembled Extrusion - Surface & Recessed

SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶

3 MOUNTING

SST



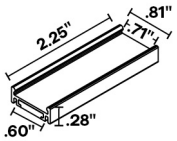
Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-01

Each clip comes with a #4 x 5/8" Flat Head SS

M4

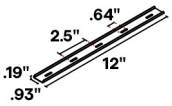


Low Profile Magnet

One M4 provided per foot.

To order separately use MG-04

MMA-04



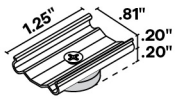
Magnet Mount
Accessory for M4

Sold separately, to order use MMA-04

Each bracket comes with 2 #6 x 5/8 Flat Head SS

Required when mounting to a non-magnetic surface

MG

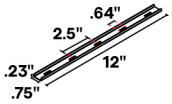


Magnet Clip

One MG provided per foot.

To order separately use MG-01

MMA-01



Magnet Mount
Accessory of MG-01

Sold separately, to order use MMA-01

Each bracket comes with 2 #6 x 5/8 Flat Head SS

Required when mounting to a non-magnetic surface

4 DIODE VISIBILITY



DF - Diffused lens

PR - Polar lens

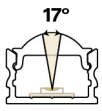
FR - Frosted lens

Optical lens

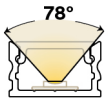
PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see factory built fixture photometric data.

17DEG



Optical 17°



78°

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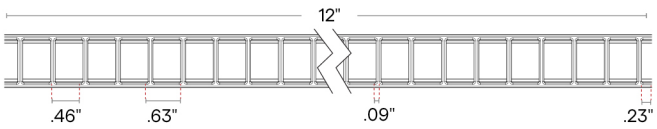
LALO

Field Assembled Extrusion - Surface & Recessed

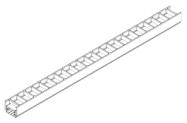
SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶

EXTERNAL LOUVER ACCESSORY

PLASTIC

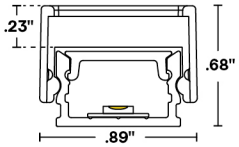


L1-XX



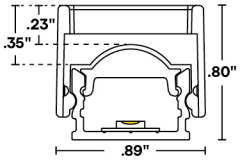
Lumen Multiplier

WH	BK
0.72	0.51



Profile with plastic louver

To order separately use LALO-L1-FLAT-KIT-WH or LALO-L1-FLAT-KIT-BK



Profile with plastic louver

To order separately use LALO-L1-OPTICS-KIT-WH or LALO-L1-OPTICS-KIT-BK

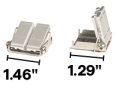
COMPATIBLE ACCESSORIES

HINGE - HMB-M



Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL



Adjustable mounting bracket - XLarge

Q-PIVOT



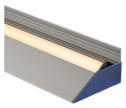
Small mounting accessory

Q-ANGLE



Adjustable mounting accessory

QUOVA-STANDARD



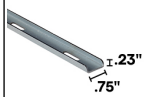
QUOVA Knife Edge

VHB



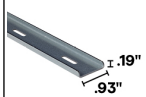
Double sided mounting tape

MMA-01



Magnet Mount Accessory of MG-01

MMA-04



Magnet Mount Accessory of MG-04

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Specification subject to change. Rev-03-17-26

FLUR LUMEN MULTIPLIER

LUMEN MULTIPLIER FORMULA

Bare LED Lumens x Extrusion Finish/Lens Value = Delivered Lumens

Example: **172 lm/ft x 0.83 = 142 lm/ft**

SW24/1.5 at 3000K x LALO Extrusion in Satin with FR Lens

Diode free or near Diode free

SW			
LENS	Finish		
	Satin (ST)	Black (BK)	Bronze (BZ)
CL	0.83	0.71	N/A
FR	0.83	0.70	N/A
PR	0.78	0.63	N/A
DF	0.70	0.53	N/A
17°	0.86	0.79	N/A
ENC/CL	0.59	0.38	N/A
ENC/TL	0.34	0.16	N/A

SW-HE			
LENS	Finish		
	Satin (ST)	Black (BK)	Bronze (BZ)
CL	0.79	0.67	N/A
FR	0.79	0.66	N/A
PR	0.71	0.60	N/A
DF	0.64	0.52	N/A
17°	0.87	0.80	N/A
ENC/CL	0.63	0.43	N/A
ENC/TL	0.44	0.31	N/A

Data is subject to change | All data has +/- 5% tolerance

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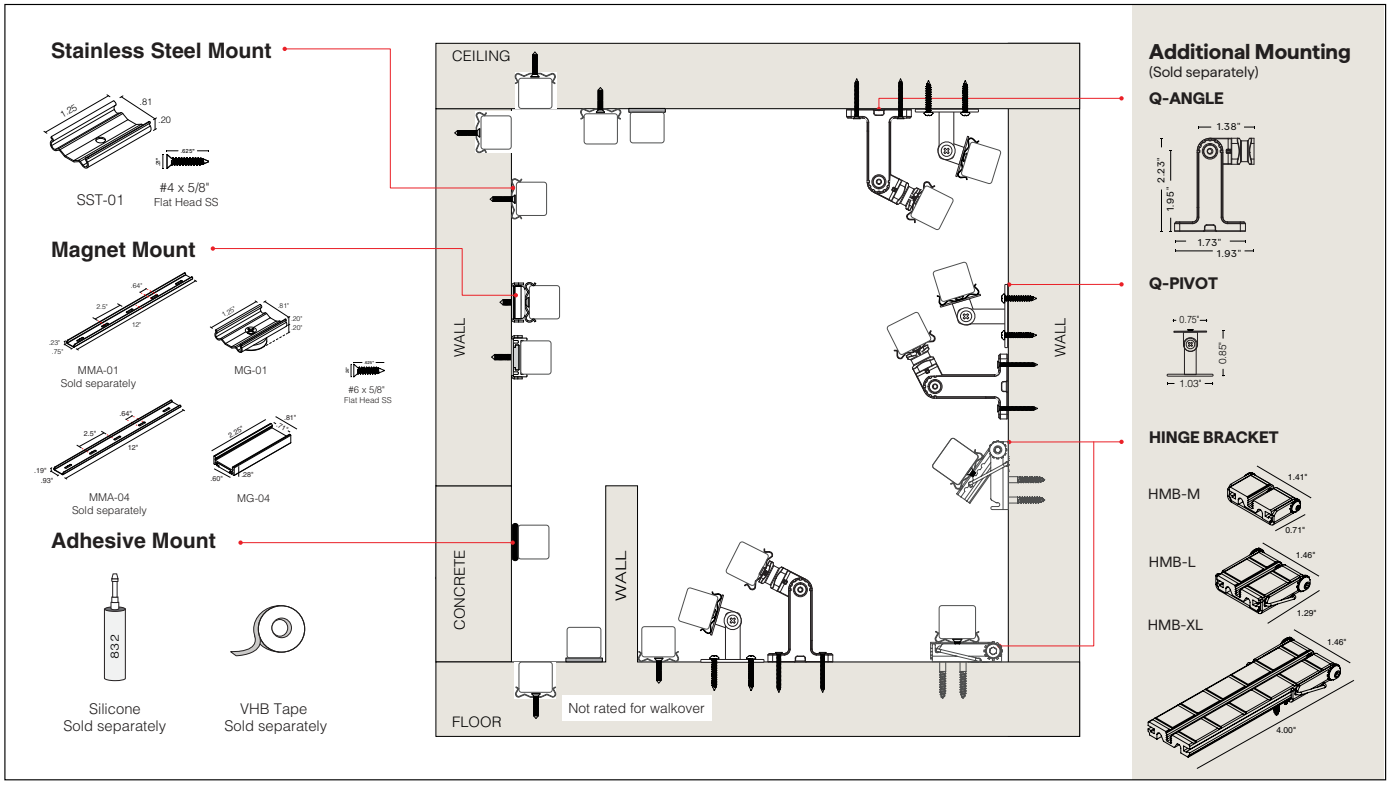
LALO

Field Assembled Extrusion Installation Instructions

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 QTL power supply instructions for wiring
- Use only with Class 2 power supply unit — Warranty only valid with QTL power supplies
- Surface mount or recessed in millwork
- Suitable for DRY, DAMP, and WET locations
- Suitable for installation in storage area of a clothes closet when assembled as a finished extrusion up to 4W/ft at QTL facility
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.
- Once a wet strip or a damp strip is cut, it cannot be reconnected.

METHODS OF INSTALLATION:



Surface Mounting Method

- VHB Mount (page 9-10)
- Silicone Mount (page 11)
- Screw Mount (page 12)
- Magnet Mount (page 13)
- Low Profile Magnet Mount (page 14)

Recessed Mounting Method

- Magnet Mount: Millwork (page 15)

Louver Install Method

- Install Louver (page 16)
- Install Gasket For Vertical Louver (page 17)

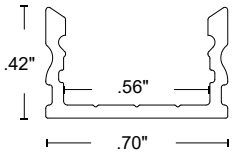
NOTES:

- Avoid bending in sharp horizontal 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.

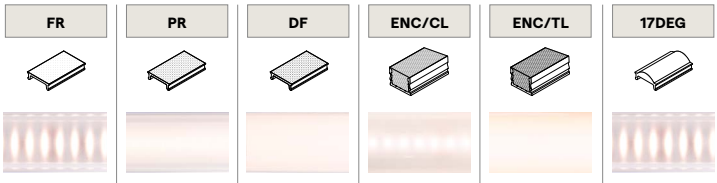
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LALO

Field Assembled Extrusion Installation Instructions



LALO Profile

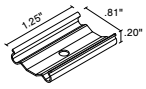


Frosted | Polar | Diffused | Encapsulated in Clear | Encapsulated in Translucent | Optical

COMPONENTS & HARDWARE

Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

STAINLESS STEEL CLIP

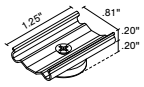


SST-01

Included	
	Flat Head Screw #4x5/8"

- 2 clips provided for 4' or less; 4 clips provided for greater than 4'

MAGNET CLIP

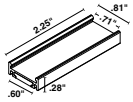


MG-01

Included	
	Flat Head Screw #6x5/8"

- One magnet clip per foot

LOW PROFILE MAGNET CLIP



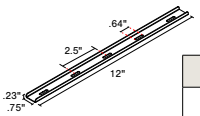
MG-04

Included	
	Flat Head Screw #6x5/8"

- One magnet clip per foot

ACCESSORIES SOLD SEPARATELY

MAGNET MOUNT ACCESSORY; sold individually

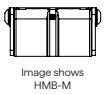


MMA-01

Included
Flat Head Screw #6x5/8"

- MMA-01 comes in 12" pieces; use at least one clip per MMA-01 accessory
- MMA-01 can be cut into smaller pieces, if desired

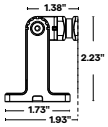
HINGE BRACKET; sold individually



HMB-M
HMB-L
HMB-XL

Included
• 3/4" long mount screw • 1/4" #4 clip mount screw

Q-ANGLE; sold in pairs



Q-ANGLE

Included
• 2 SS 6-32 Fillister screws • 2 SS 4-40 Flat head clip screws • 4 SS #6x1.25" Flat head wood screws

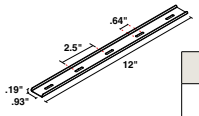
Q-PIVOT; sold in pairs



Q-PIVOT

Included
• SS #4-40x3/16 Flat head screw • 2 #4x3/4 Pan head screws

LOW PROFILE MAGNET MOUNT ACCESSORY; sold Individually

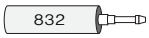
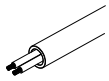
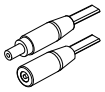


MMA-04

Included
2 #6x5/8" Flat Head screws

- MMA-03 comes in 96" pieces; can be cut into smaller pieces, if desired
- Required when mounting to a non-magnetic surface

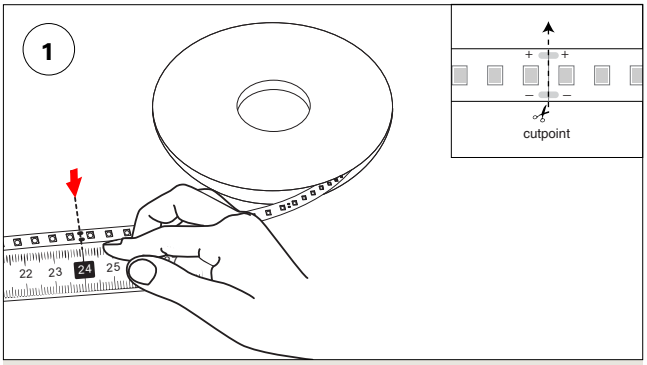
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ADHESIVE SOLD SEPARATELY		CONNECTOR/WIRE - IN/OUT; Bare wire can be trimmed to length as needed.			
SILICONE	VHB TAPE; sold in 15' increments	BARE WIRE 24"	BARREL 6"	CONNECTOR 6"	CONNECTOR 24"
 DOWSIL 832	 TAPE-VHB-IP20	 BW	 BRL	 CON6	 CON24

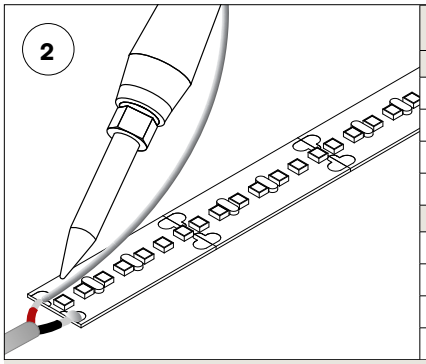
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LED STRIP LEAD WIRE & JUMPER INSTRUCTIONS: **DRY IP20**

If LED wires are pre-soldered from the factory, skip to page 7.



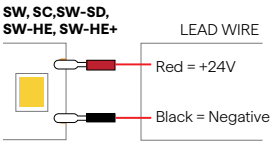
Measure and cut LED strip to desired length with scissors along the cut point.

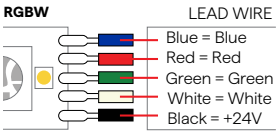


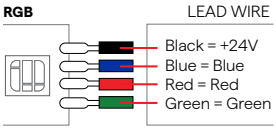
ITEMS INCLUDED
iQ-LED-24-KIT
(1) 24" Lead wire
(1) 6" Solder
(1) 1" Shrink Tube
(1) 1/2" Shrink Tube
iQ-JUMP-6-KIT
(1) 6" Lead wire
(1) 6" Solder
(2) 1" Shrink Tube
(2) 1/2" Shrink Tube

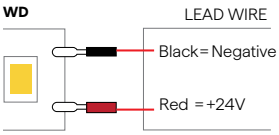
Solder lead wire onto solder pad. Confirm wires are matched up correctly before soldering. See wiring diagrams below for specific light engine details.

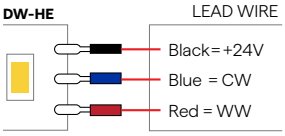
NOTE: Recommended soldering iron temperature of 650˚ – 700˚F for lead-free solder.

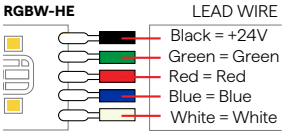


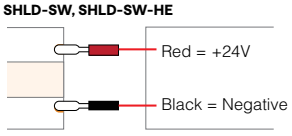






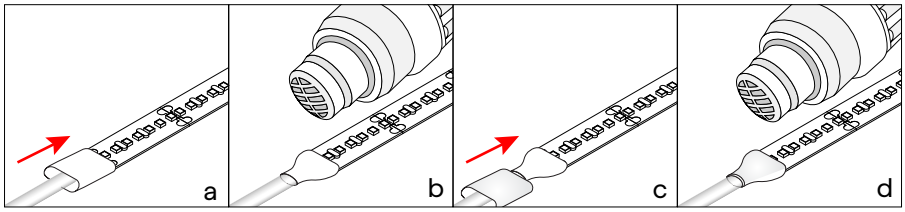






3

NOTE:
Connect LED to power supply to ensure it is working properly and all non-factory soldered connections are secure before proceeding with step #3.



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

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

b: Shrink the tube with heat gun.

c: Place 2nd sleeve (1" Shrink Tube) on lead wire.

d: Shrink the tube with heat gun.

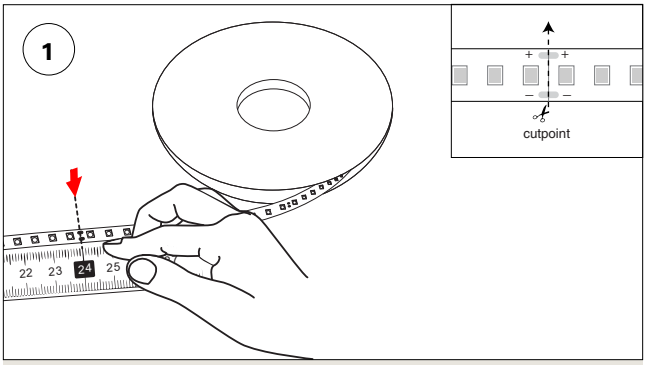
NOTES:

- *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.*

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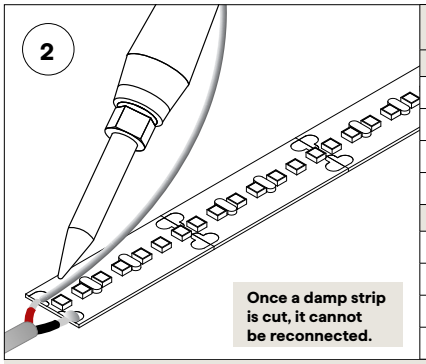
LED STRIP LEAD WIRE & JUMPER INSTRUCTIONS: **DMP IP54**

If LED wires are pre-soldered from the factory, skip to page 7.



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

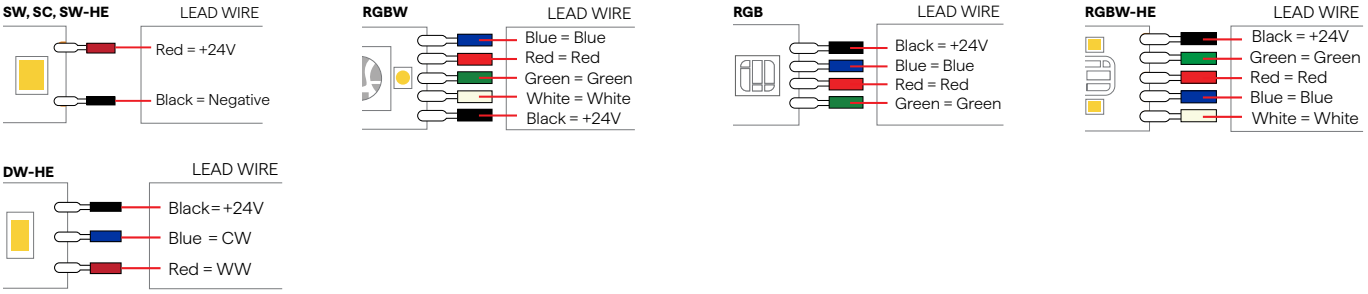
- Carefully peel polyurethane back to expose the solder pads.



ITEMS INCLUDED
iQ-LED-24-KIT
(1) 24" Lead wire
(1) 6" Solder
(1) 1" Shrink Tube
(1) 1/2" Shrink Tube
iQ-JUMP-6-KIT
(1) 6" Lead wire
(1) 6" Solder
(2) 1" Shrink Tube
(2) 1/2" Shrink Tube

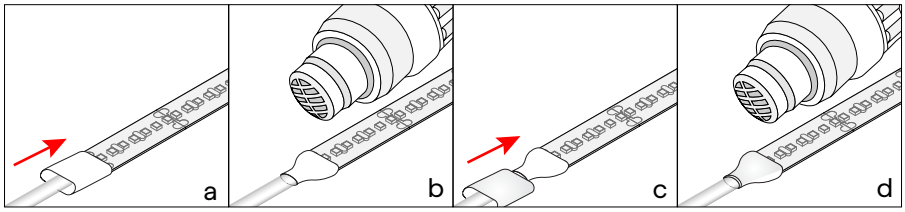
Solder lead wire onto solder pad. Confirm wires are matched up correctly before soldering. See wiring diagrams below for specific light engine details.

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



3

NOTE:
Connect LED to power supply to ensure it is working properly and all non-factory soldered connections are secure before proceeding with step #3.



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

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

b: Shrink the tube with heat gun.

c: Place 2nd sleeve (1" Shrink Tube) on lead wire.

d: Shrink the tube with heat gun.

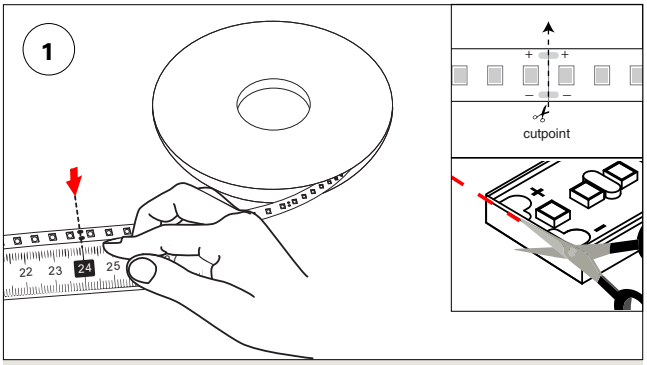
NOTES:

- *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.*

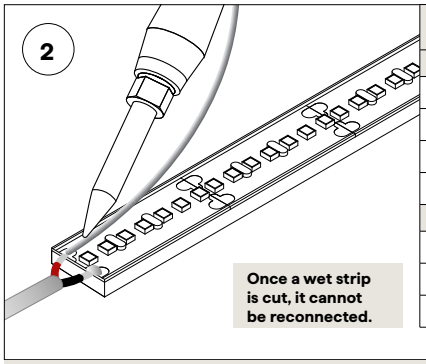
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LED STRIP LEAD WIRE & JUMPER INSTRUCTIONS: **WET IP67**

If LED wires are pre-soldered from the factory, skip to page 7.



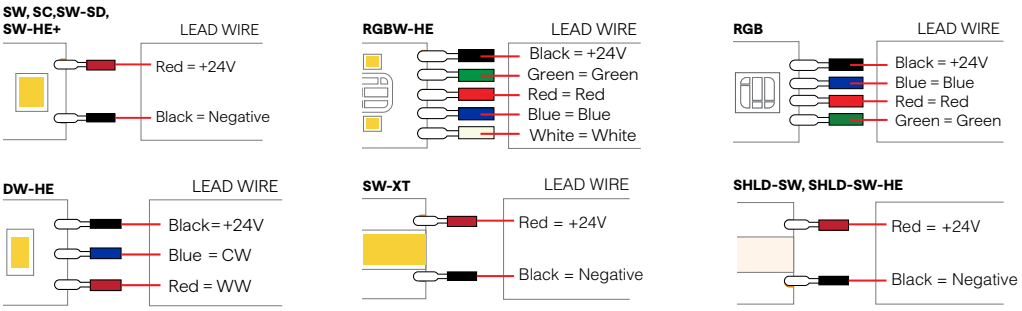
Measure and cut LED strip to desired length with scissors along the cut point.



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

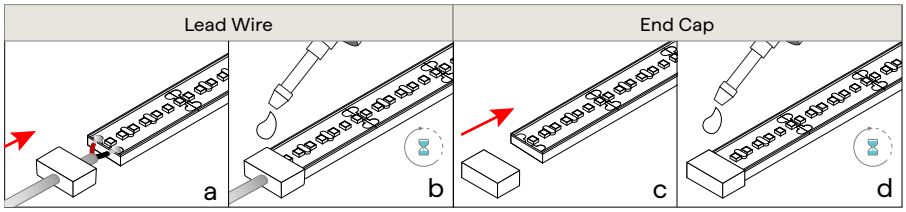
Solder lead wire onto solder pad. Confirm wires are matched up correctly before soldering. See wiring diagrams below for specific light engine details.

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



3

NOTE:
Connect LED to power supply to ensure it is working properly and all non-factory soldered connections are secure before proceeding with step #3.



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

a: Place lead wire cap over wire

b: Add silicone inside connector and glue around the edge to secure gap; allow time for glue to dry.

c: Place end cap over the end of LED

d: Add silicone inside connector and glue around the edge to secure gap; allow time for glue to dry.

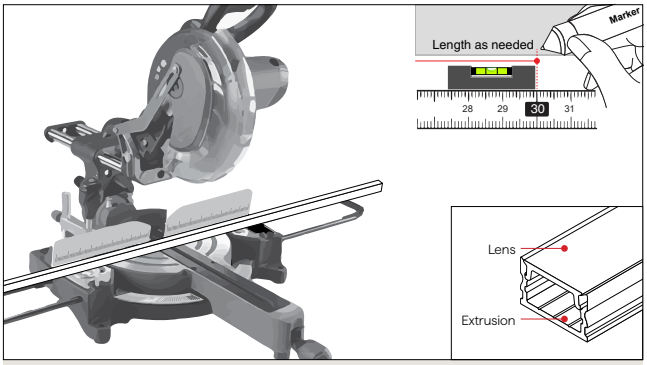
NOTES:

- *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.*

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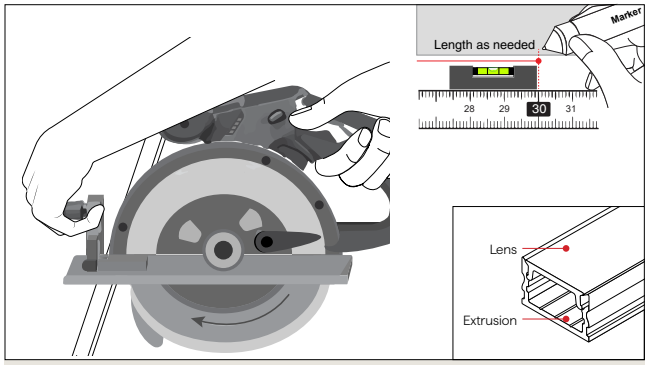
CUTTING EXTRUSIONS FOR IN-FIELD ASSEMBLY INSTALLATION

QTL strongly recommends cutting the extrusion and lens together to achieve a clean cut.



To achieve corners or angles, measure the LED extrusion to desired length and cut with a miter saw.

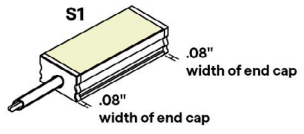
OR



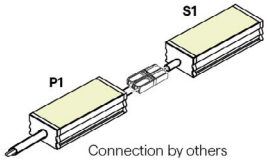
For straight runs, measure LED extrusion to desired length and cut it with a circular saw.

NOTE: Using the proper blade for aluminum, cut to the desired length. Recommend using a 10 in.x 80 tooth medium aluminum saw blade.

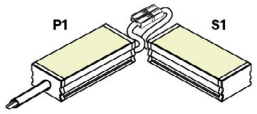
CONFIGURATION OPTIONS



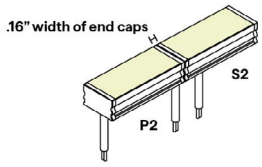
Single End Feed



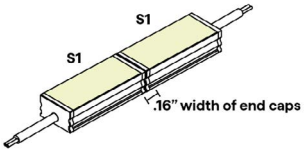
Non-Continuous End Feed



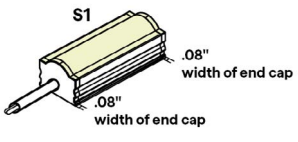
Non-Continuous Corner Feed



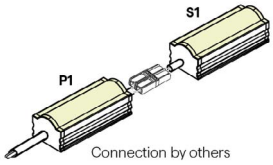
Continuous Bottom Feed



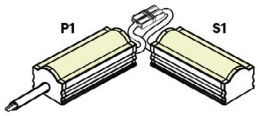
Continuous End to End Feed



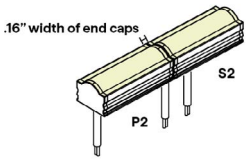
Single End Feed



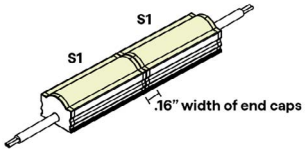
Non-Continuous End Feed



Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous End to End Feed

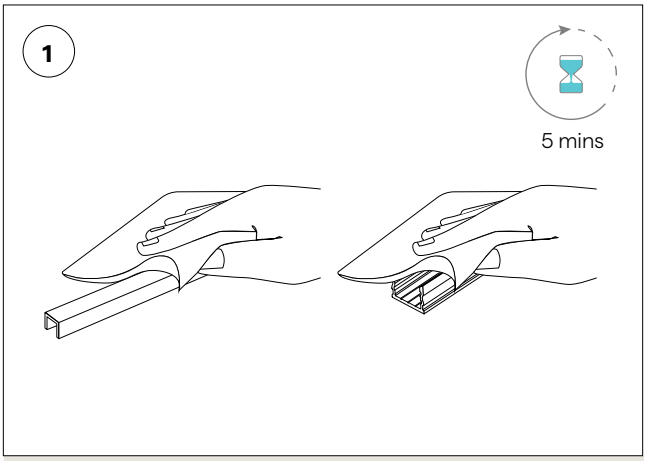
Review wire method to ensure clean installation prior to mounting finished Fixture.

NOTE: Additional wire methods include:
S1 & S2: Connector/Wire Input only
P1 & P2: Connector/Wire Input and Output

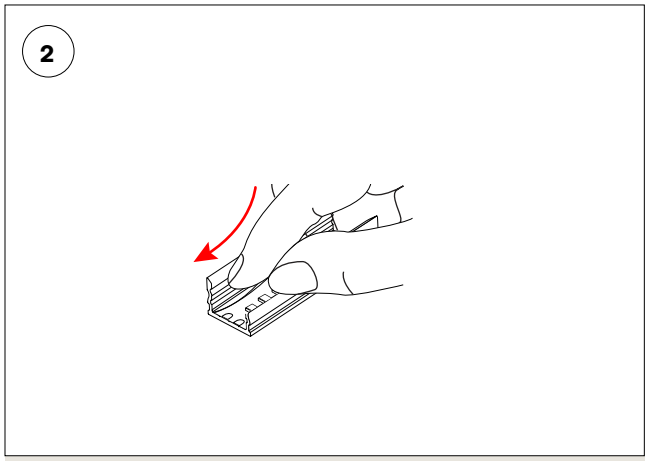
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LED INSERTION FOR IN-FIELD ASSEMBLY INSTALLATION

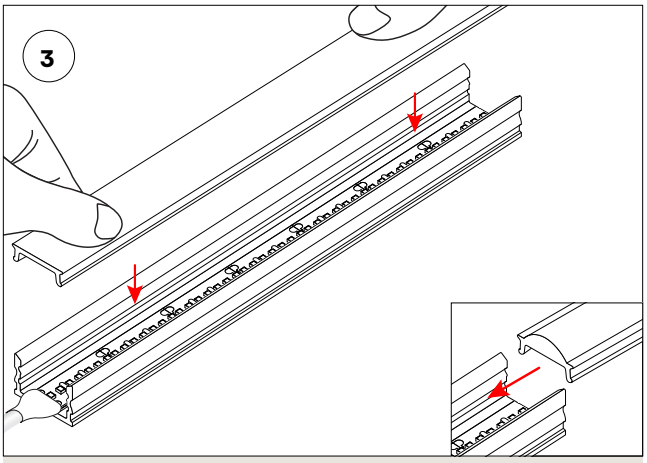
STRIP IN EXTRUSION



Using a 50/50 alcohol mix, thoroughly clean surface area of the extrusion and tray. Allow 5 minutes to dry.

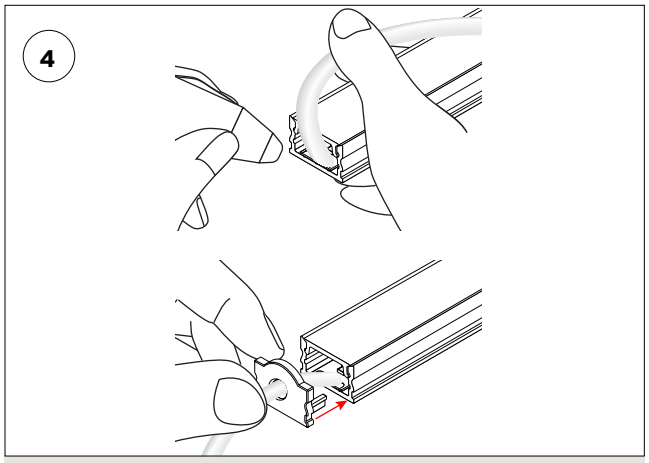


Peel back 0.5" of the VHB tape's protective film on one end of LED and use firm pressure to adhere it to the extrusion, avoiding air bubbles. Continue peeling the film and adhering the strip in small sections until the entire length is installed.



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.



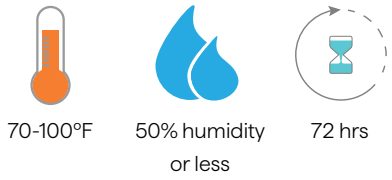
Add glue inside the end cap and glue around edges to secure end cap in place. Do not allow glue to come in contact with LED.

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SURFACE MOUNTING METHOD

SURFACE PREPARATION

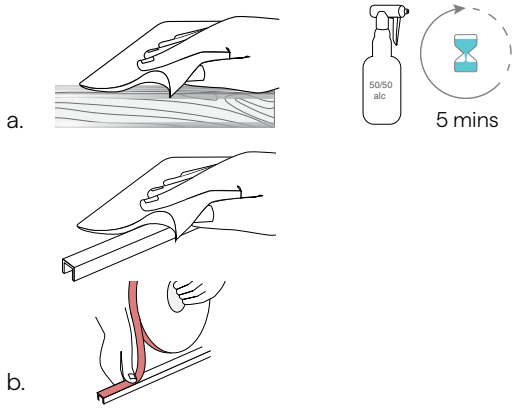
1



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.

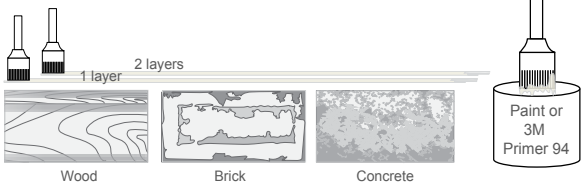
2



a. Using a 50/50 alcohol mix, thoroughly clean the backside of the extrusion and the surface area where extrusion will be installed. Allow 5 minutes to dry.

b. Peel back 0.5" of the VHB tape's protective film on one end and use firm pressure to adhere it to the desired surface, avoiding air bubbles. Continue peeling the film and adhering the tape in small sections until the entire length is installed.

3



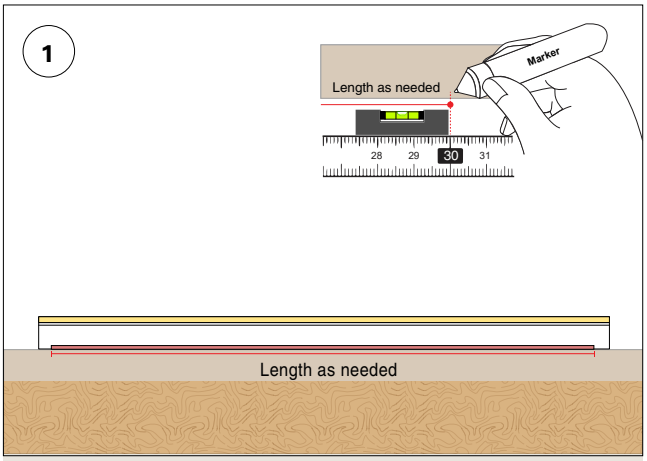
For porous materials (Wood, Brick, Concrete etc.) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. These can be purchased from a local hardware store.

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

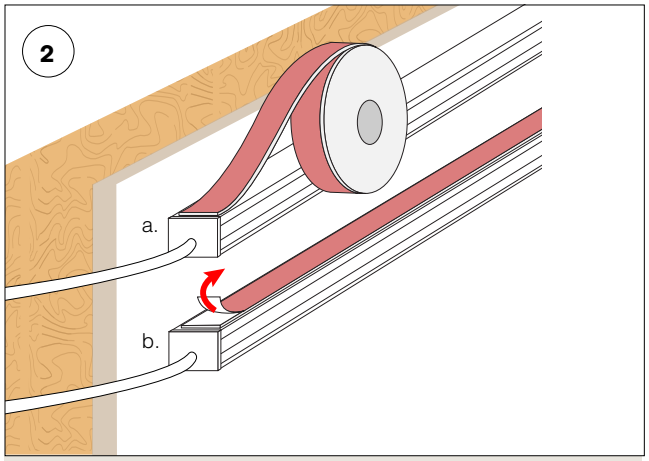
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SURFACE MOUNTING METHOD: **VHB ADHESIVE MOUNT**

BEFORE installation, the surface must be thoroughly cleaned and dried for maximum bond strength.

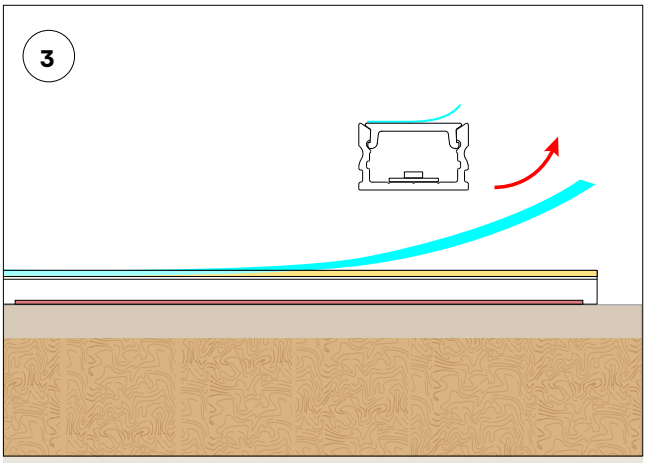


Determine the LALO extrusion(s) location and positioning on desired surface before adhering extrusion to surface. Make any necessary reference markings to indicate extrusion placement.



a. To adhere the VHB adhesive, peel the white film back while evenly applying the tape to the mounting side of the extrusion. The red side should be visible.

b. Remove the red film and position extrusion in place according to your previous reference marking(s).



Remove protective film from the surface of the extrusion's lens.

NOTES: *EPOXY ALTERNATIVE: For improved bonding strength, apply a small amount of epoxy at each end. Refer to table on* page 9 *for suggested epoxies. These can be purchased at a local hardware store. Please follow all manufacturer instructions for suggested epoxy.*

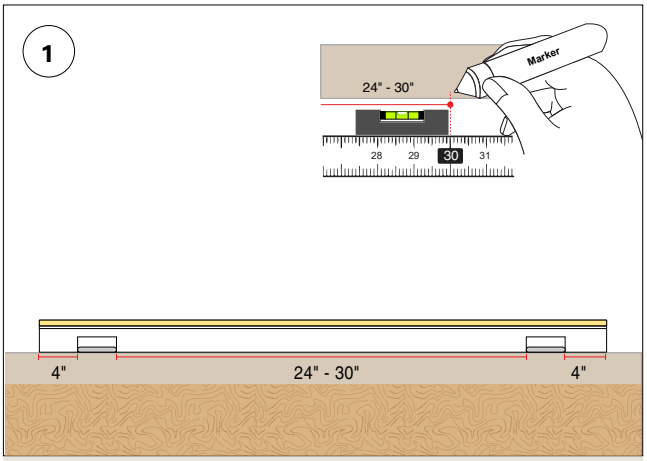
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LALO

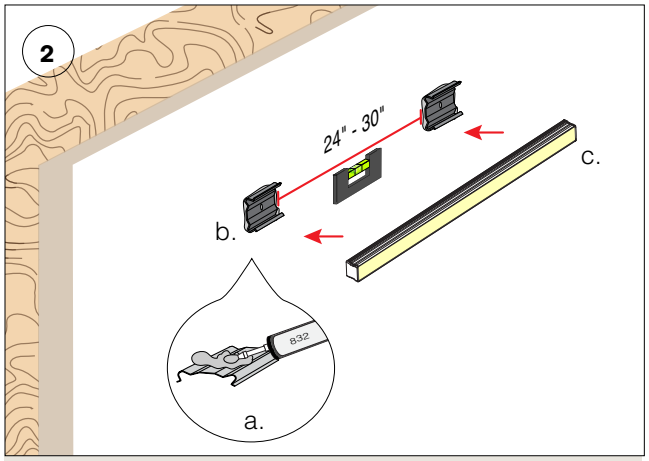
Field Assembled Extrusion Installation Instructions

SURFACE MOUNTING METHOD: **SILICONE**

- 2 clips provided for 4’ or less; 4 clips provided for greater than 4’



Determine the LALO extrusion(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 24” - 30”.

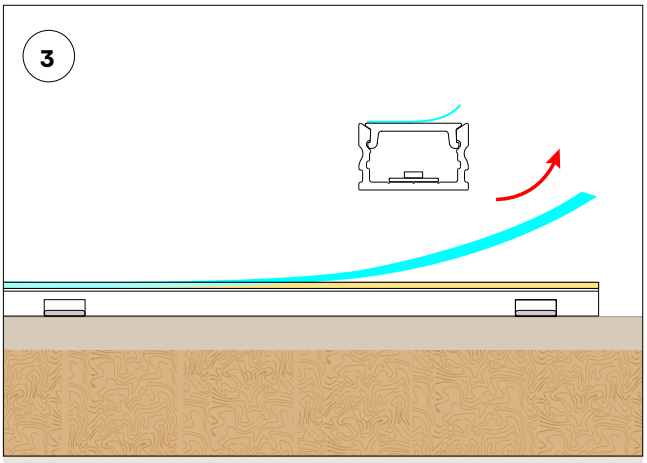


a. Firmly press the silicone-coated clips on the marked reference points.

b. Wait for silicone adhesive to cure completely before snapping extrusion into place.

c. Snap extrusion onto clips.

NOTE: Cure time is dependent on the type of silicone adhesive used. Refer to silicone product manufacturer for accurate drying time.



Remove protective film from the surface of the extrusion’s lens.

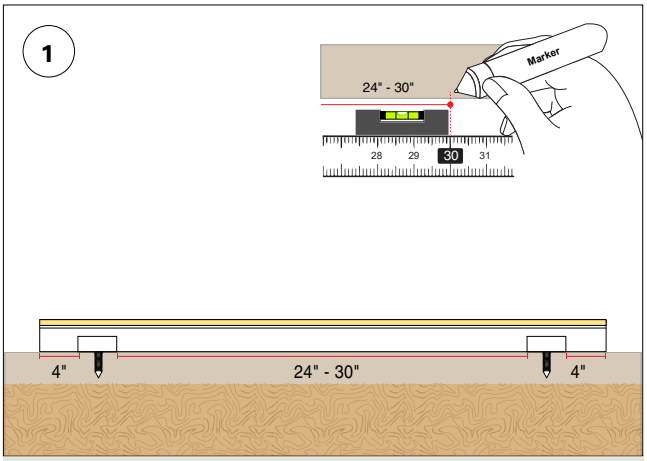
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LALO

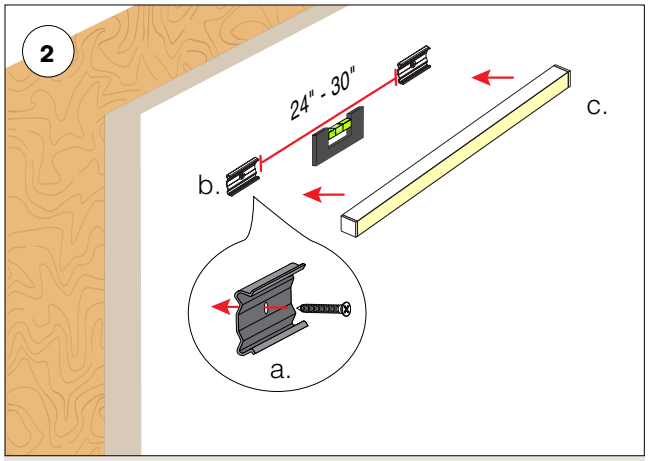
Field Assembled Extrusion Installation Instructions

SURFACE MOUNTING METHOD: **SCREW MOUNT**

- 2 clips provided for 4' or less; 4 clips provided for greater than 4'



Determine the LALO extrusion(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 24" - 30".

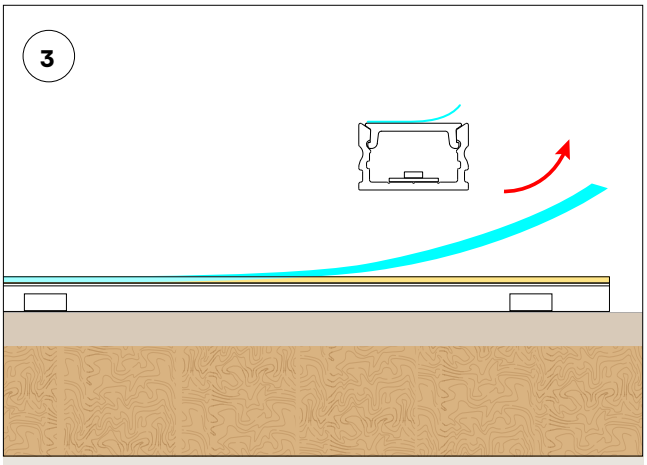


a. Secure clips using the #4 flat head hardware provided.

b. Ensure the screw head is flush with the clip's base.

c. Snap extrusion onto clips.

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.

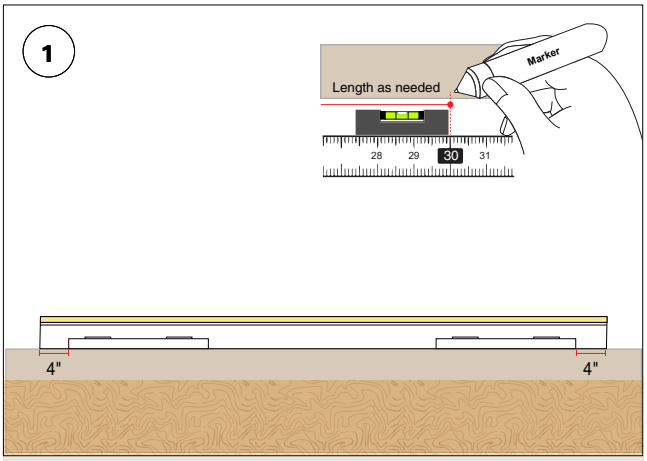


Remove protective film from the surface of the extrusion's lens.

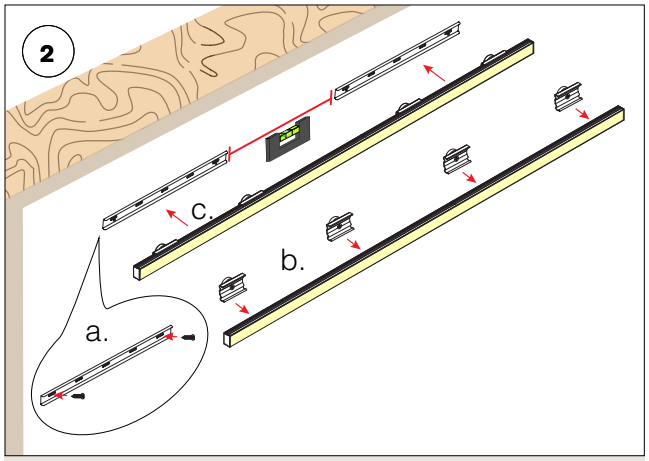
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SURFACE MOUNTING METHOD: **MAGNET MOUNT**

- One magnet clip per foot
- MMA-01 comes in 12" pieces; use at least one clip per MMA-01 accessory
- MMA-01 can be cut into smaller pieces, if desired



Determine the LALO extrusion(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place.

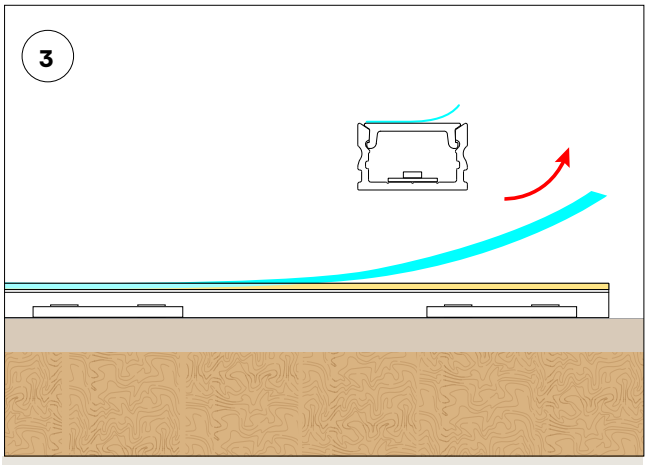


a. Mount the two #6 flat head screws into the 12" magnet mount accessory bracket through the slotted holes at each end. Ensure the screw head is flush with the magnet mount bracket.

b. Snap the magnet clips onto the backside of the extrusion. They should be offset to the accessory bracket screws to maximize magnetic connection.

c. Place the assembled fixture into the magnet mount bracket.

NOTE: If surface application requires a longer screw, the screw size must be a #6 Flat Head.



Remove protective film from the surface of the extrusion's lens.

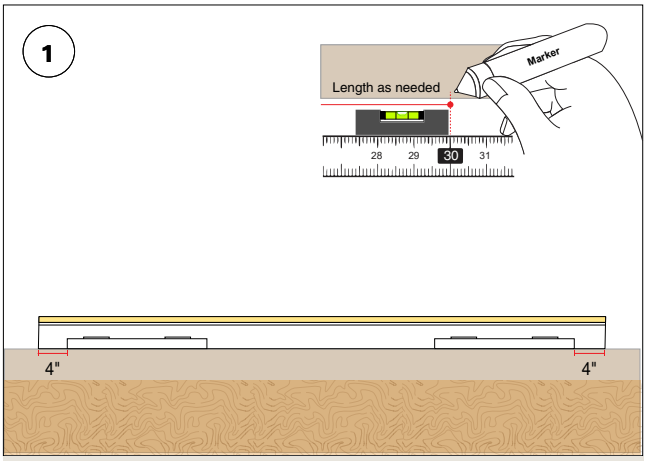
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LALO

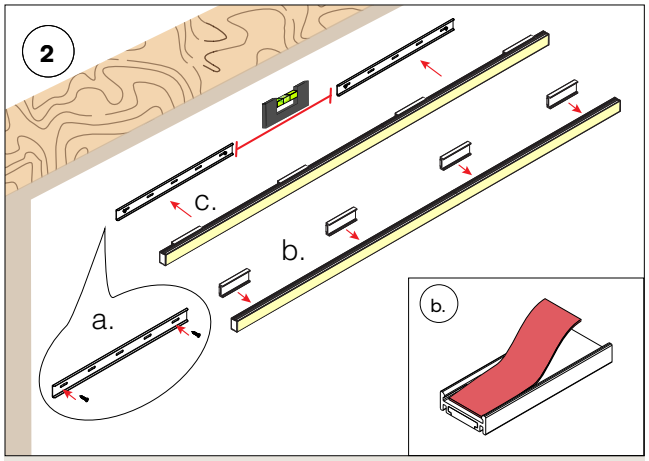
Field Assembled Extrusion Installation Instructions

SURFACE MOUNTING METHOD: **LOW PROFILE MAGNET MOUNT**

- One magnet clip per foot
- MMA-04 comes in 12" pieces; use at least one clip per MMA-04 accessory
- MMA-04 can be cut into smaller pieces, if desired



Determine the LALO fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.

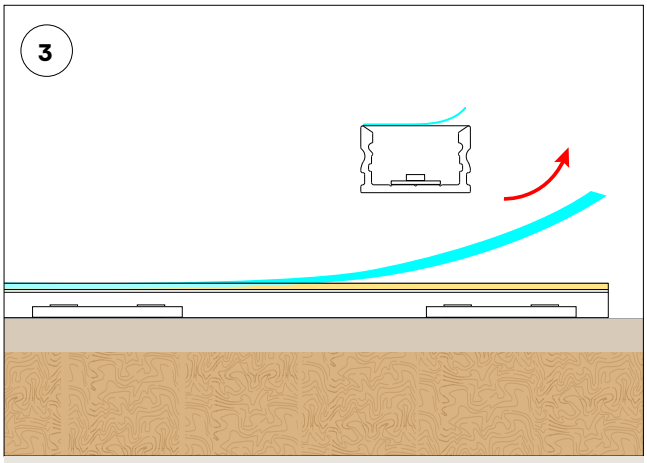


a. Mount the two #6 flat head screws into the magnet mount accessory bracket through the slotted holes at each end. Ensure the screw head is flush with the magnet mount bracket.

b. Snap the magnet clips onto the backside of the fixture. They should be offset to the accessory bracket screws to maximize magnetic connection. If the clip does not fit securely onto the extrusion, apply the provided foam onto the inner face of the magnet clip.

c. Place the assembled fixture into the magnet mount bracket.

NOTE: If surface application requires a longer screw, the screw size must be a #6 Flat Head.

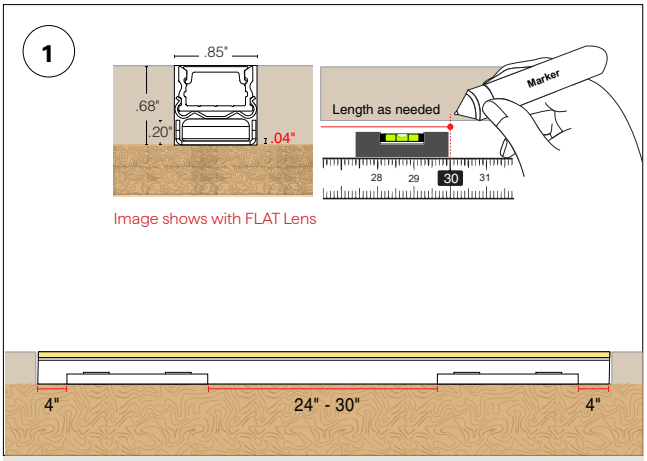


Remove protective film from the surface of the fixture's lens.

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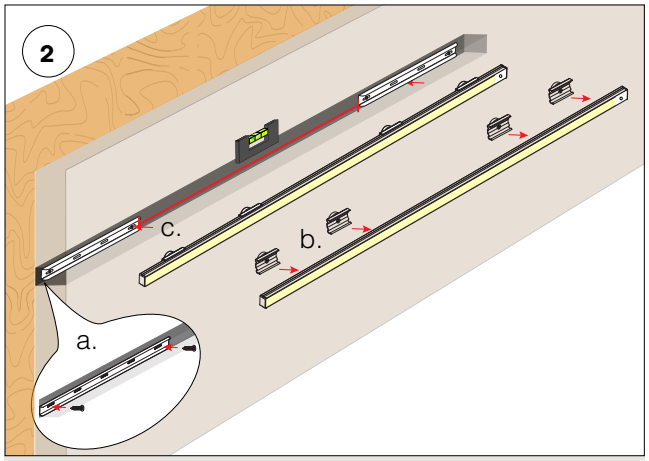
RECESSED MOUNTING METHOD: **MILLWORK**

- One magnet clip per foot
- MMA-01 comes in 12" pieces; use at least one clip per MMA-01 accessory
- MMA-01 can be cut into smaller pieces, if desired



Determine the TORQ extrusion(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place.

NOTE: Depth of the channel in the millwork is dependent on overall height with the magnet clip and Magnet Mount Accessory.

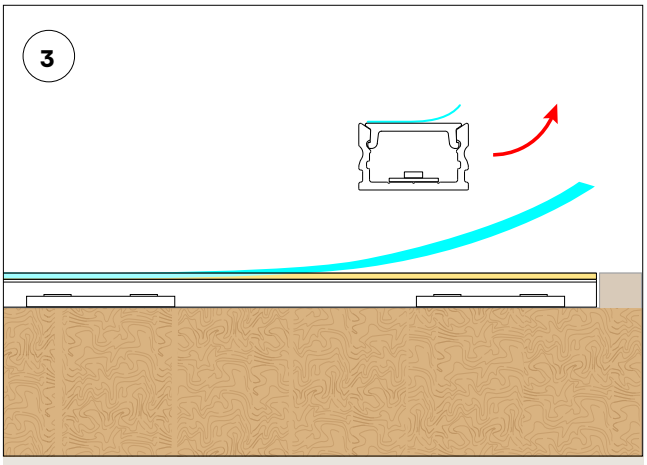


a. Mount the two #6 flat head screws into the 12" magnet mount accessory bracket through the slotted holes at each end. Ensure the screw head is flush with the magnet mount bracket.

b. Snap the magnet clips onto the backside of the extrusion. They should be offset to the accessory bracket screws to maximize magnetic connection.

c. Place the assembled fixture into the magnet mount bracket.

NOTE: If surface application requires a longer screw, the screw size must be a #6 Flat Head.



Remove protective film from the surface of the extrusion's lens.

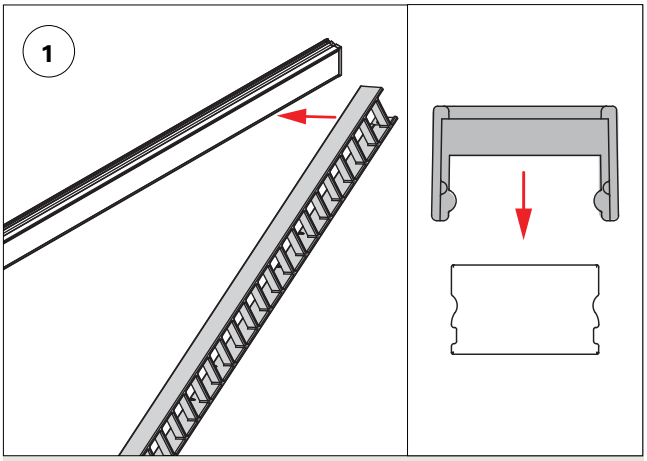
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LALO

Field Assembled Extrusion Installation Instructions

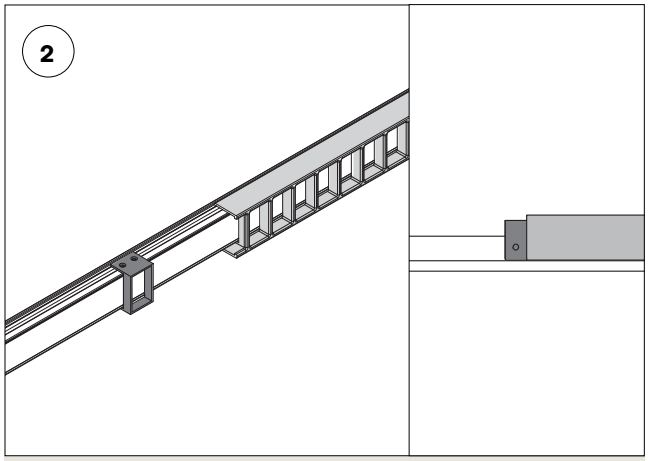
INSTALL METHOD: **LOUVER**

Louvers can be snapped onto the fixture either before or after it is mounted to the surface using the provided mounting clip.

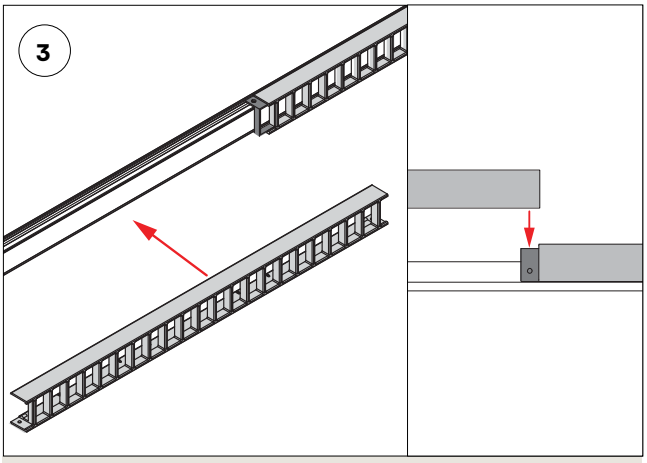


Snap the louver onto the fixture.

NOTE: Tilting the louver and snapping on one end first, then pressing down on the remaining length makes for an easier install.



Snap the louver connector onto the fixture, then slide it into the end of the mounted louver.



Snap the next louver onto the fixture and over the connector, the louver can also be slid into the connector.

NOTE: These plastic louvers are field-cuttable. We recommend trimming the last segment as needed and positioning the cut end at the fixture's edge for a clean finish.

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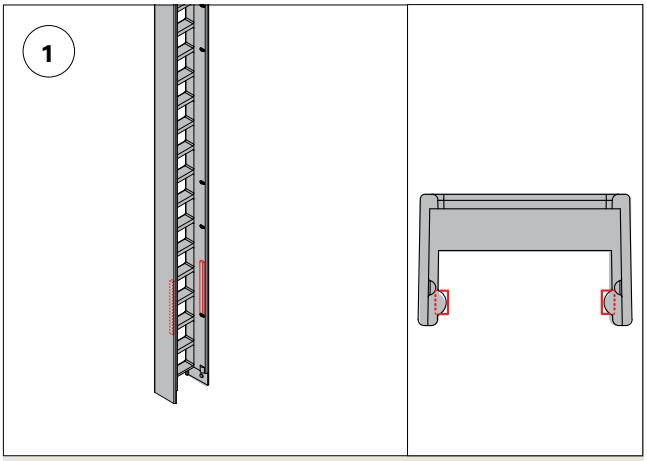
LALO

Field Assembled Extrusion Installation Instructions

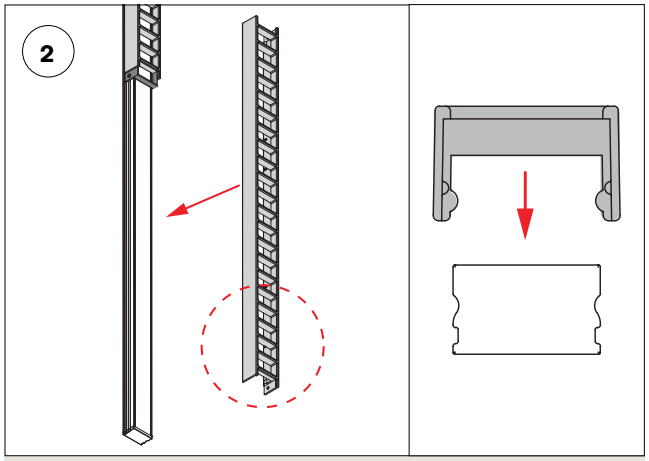
INSTALL METHOD: **LOUVER-GASKET**

Louvers can be snapped onto the fixture either before or after it is mounted to the surface using the provided mounting clip.

- When the fixture is mounted vertically, install a pair of gaskets on the inner side of the lowest louver to act as a stopper.



Remove the adhesive backing on the gasket, then place one on each side of the louver's inner walls, towards the bottom edge.



Snap last louver onto the fixture (should be lowest louver on fixture, when mounted vertically).

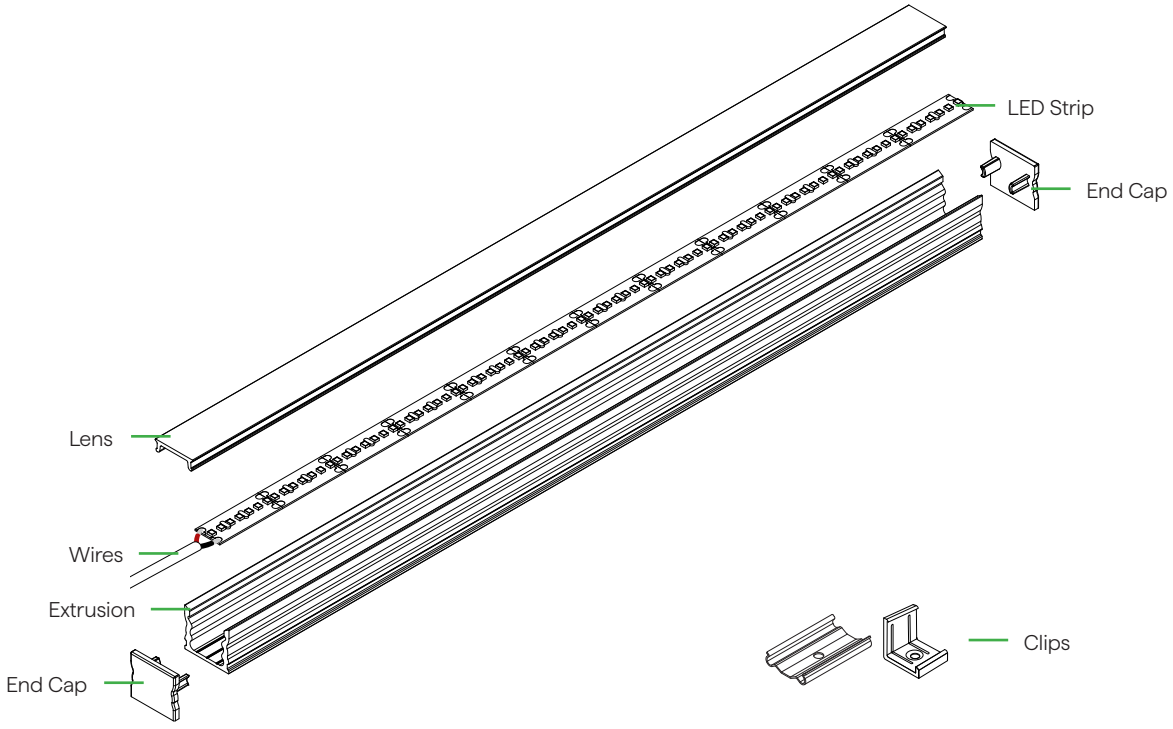
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MATERIAL RECYCLING

LINEAR FIXTURES/EXTRUSIONS

You may be done with your products, but chances are they still have more to give. Follow these instructions to break down and sort recyclable components. Check with local recycling collection to ensure they accept the materials listed below.

Additionally, Q-Tran offers a Takeback Program. Contact factory for information.



7	E	41	40
Lens Plastic End Caps Plastic Clips	LED Strip Wires	Extrusion Metal End Caps	Stainless Steel Clips

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