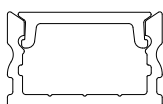
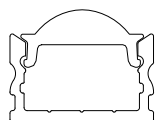


INSTALLATION INSTRUCTIONS

LINEAR FIXTURE - LALO



LALO-FLAT (01)



LALO-OPTICS (02)



LALO-ENCAPSULATED (03)



INSTALLATION INSTRUCTIONS

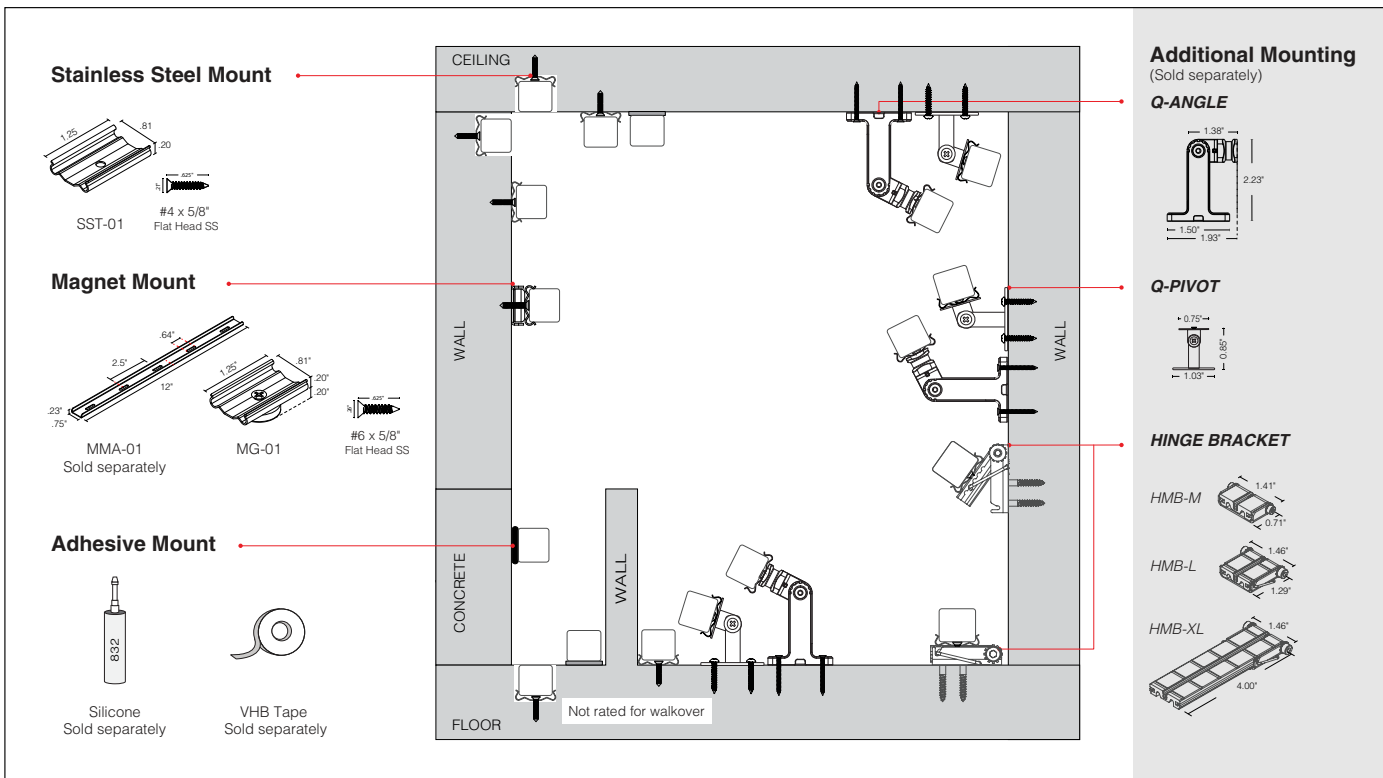
LINEAR FIXTURE - LALO



ATTENTION: Please read all instructions BEFORE installation

- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Compatible for use with Q-Tran power supplies
- Surface mount or recessed in millwork
- Suitable for installation in storage area of a clothes closet when assembled as a finished fixture up to 4W/ft at Q-Tran facility
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION: LALO can be recessed in millwork with all compatible LED strips except SW-HE24/9.0.



METHODS & INSTALLATIONS

COMPONENTS & HARDWARE

WIRING OPTIONS

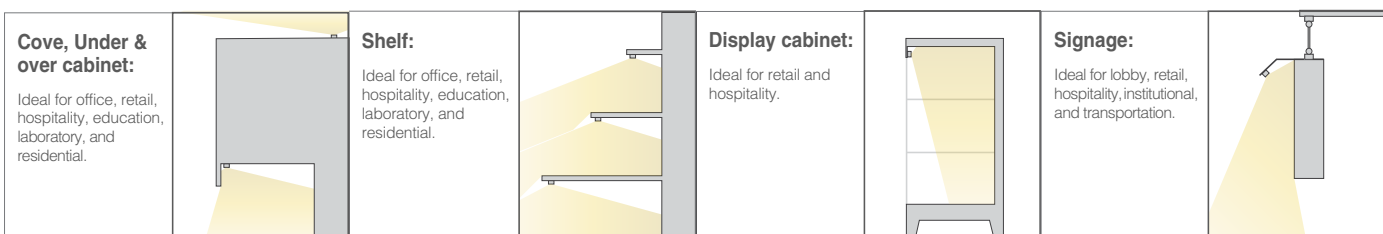
MOUNTING

Surface Mounting Method

- VHB Mount (page 5-6)
- Silicone Mount (page 7)
- Screw Mount (page 8)
- Magnet Mount (page 9)

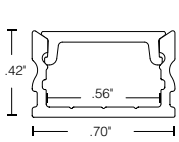
Recessed Mounting Method

- Magnet Mount : Millwork (page 10)

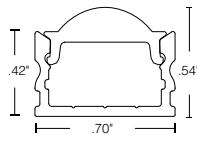


INSTALLATION INSTRUCTIONS

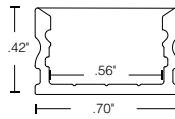
LINEAR FIXTURE - LALO



LALO-FLAT (01)

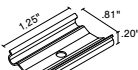


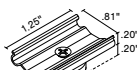



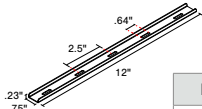

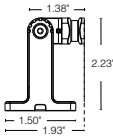

LALO-OPTICS (02)



LALO-ENCAPSULATED (03)

COMPONENTS & HARDWARE

STAINLESS STEEL CLIP	MAGNET CLIP				
<div><p>Diagram of the SST-01 Stainless Steel Clip. It is a U-shaped metal clip with a central hole. Dimensions are indicated: 1.25" for the top width, .81" for the bottom width, and .20" for the height.</p></div> <div>SST-01</div> <div><table><tr><th colspan="2">Included</th></tr><tr><td></td><td>Flat Head Screw #4x5/8"</td></tr></table></div>	Included			Flat Head Screw #4x5/8"	<div><p>Diagram of the MG-01 Magnet Clip. It is a U-shaped metal clip with a central hole. Dimensions are indicated: 1.25" for the top width, .81" for the bottom width, and .20" for the height.</p></div> <div>MG-01</div>
Included					
	Flat Head Screw #4x5/8"				

ACCESSORIES SOLD SEPARATELY			
MAGNET MOUNT ACCESSORY; sold individually	HINGE BRACKET; sold individually	Q-ANGLE; sold in pairs	Q-PIVOT; sold in pairs
<div></div> <div><div>Included</div><ul style="list-style-type: none">• 2 #6x5/8" Flat Head SS</div> <div>MMA-01</div>	<div></div> <div>Image shows HMB-M</div> <div>HMB-M HMB-L HMB-XL</div> <div><div>Included</div><ul style="list-style-type: none">• 3/4" long mount screw• 1/4" #4 clip mount screw</div>	<div></div> <div>Q-ANGLE</div> <div><div>Included</div><ul style="list-style-type: none">• 4 SS #6x1.25" Flat head wood screws• 2 SS 4-40 Flat head clip screws• 2 SS 6-32 Fillister screws</div>	<div></div> <div>Q-PIVOT</div> <div><div>Included</div><ul style="list-style-type: none">• SS #4-40x3/16 Flat head screws• 2 #4x3/4 Pan Head screws</div>

ADHESIVE SOLD SEPARATELY	
SILICONE	VHB TAPE; sold in 15' increments
<p>832</p> <p>DOWSIL 832</p>	<p>TAPE-VHB-IP20</p>

NOTES:	
STAINLESS STEEL CLIP	MAGNET CLIP
<ul style="list-style-type: none"> • 2 clips provided for 4' or less; 4 clips provided for greater than 4' 	<ul style="list-style-type: none"> • 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

METHODS &
INSTALLATIONS

COMPONENTS &
HARDWARE

WIRING OPTIONS

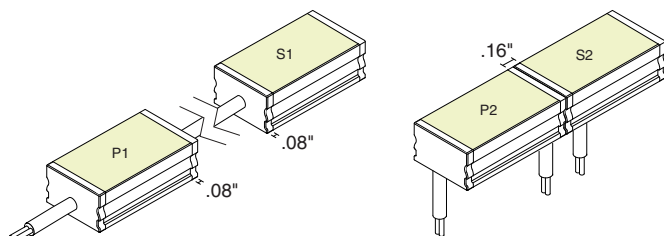
MOUNTING

INSTALLATION INSTRUCTIONS

LINEAR FIXTURE - LALO



CONTINUOUS WIRING CONFIGURATION OPTIONS



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

METHODS &
INSTALLATIONS

COMPONENTS &
HARDWARE

WIRING OPTIONS

MOUNTING

INSTALLATION INSTRUCTIONS


LINEAR FIXTURE - LALO




SURFACE MOUNTING METHOD

SURFACE PREPARATION


1



70-100°F



50% humidity
or less



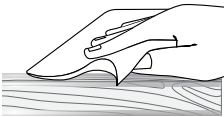
72 hrs

Temperature and environmental concerns:

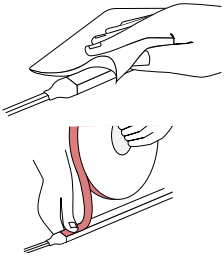
- Ideal application environment is 70-100°F in 50% humidity or less.
- Minimum application temperature: 50°F
- This temperature and humidity should be maintained for 72 hours after application for maximum bond strength.


2

a.



b.



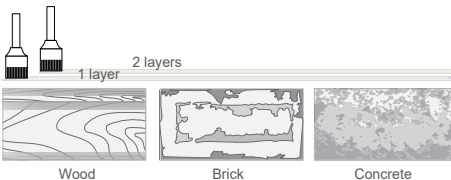


5 mins

a. Using a 50/50 alcohol mix, thoroughly clean the backside of the Fixture and the surface area where Fixture 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



1 layer 2 layers

Wood Brick Concrete



Paint or 3M Primer 94

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

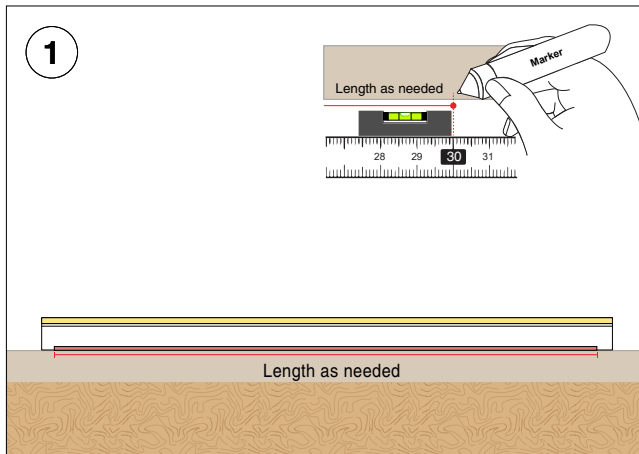
INSTALLATION INSTRUCTIONS

LINEAR FIXTURE - LALO

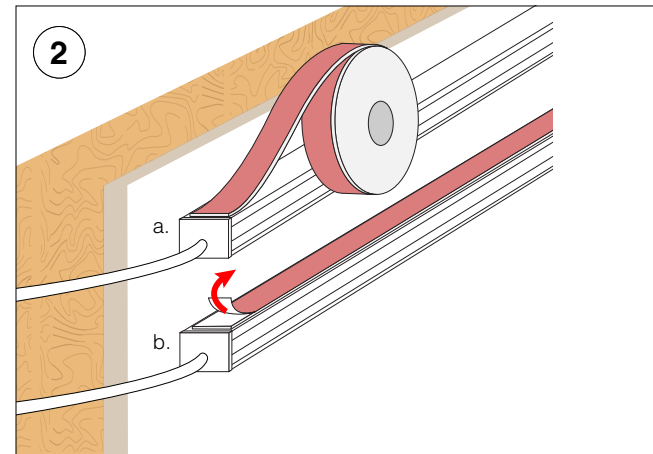


SURFACE MOUNTING METHOD: **VHB ADHESIVE MOUNT**

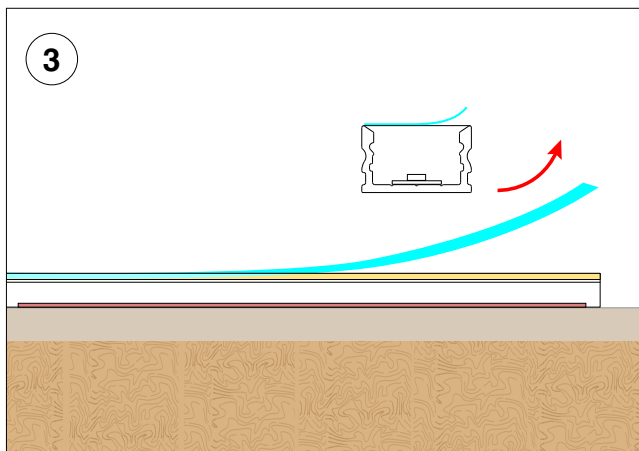
BEFORE installation, the surface must be thoroughly cleaned and dried for maximum bond strength. (page 5)



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



- To adhere the VHB adhesive, peel the white film back while evenly applying the tape to the mounting side of the fixture. The red side should be visible.
- Remove the red film and position fixture in place according to your previous reference marking(s).



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

NOTES: EPOXY ALTERNATIVE: For improved bonding strength, apply a small amount of epoxy at each end. Refer to table on page 5 for suggested epoxies. These can be purchased at a local hardware store. Please follow all manufacturer instructions for suggested epoxy.

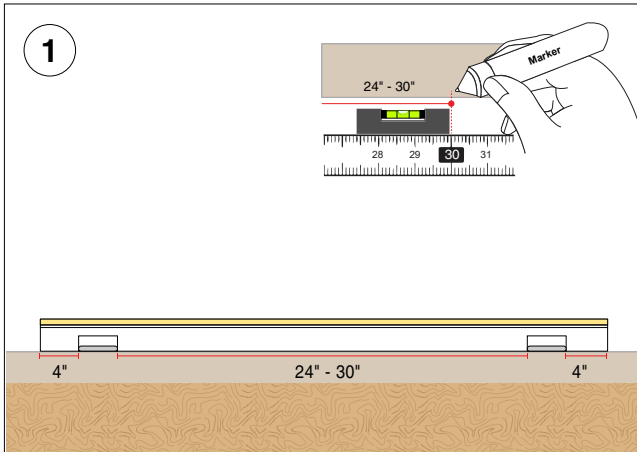
INSTALLATION INSTRUCTIONS

LINEAR FIXTURE - LALO

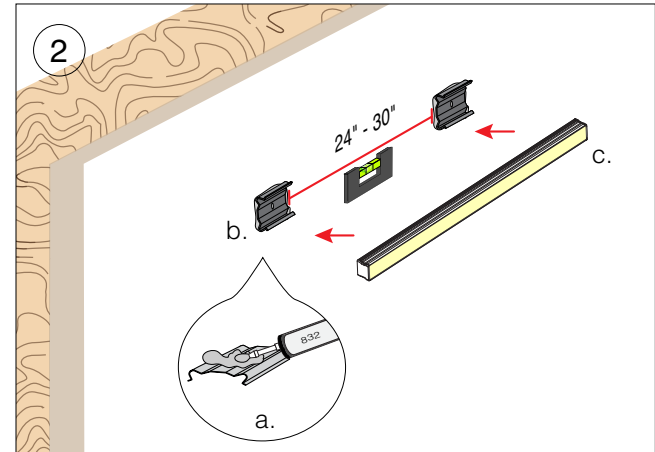


SURFACE MOUNTING METHOD: **SILICONE**

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

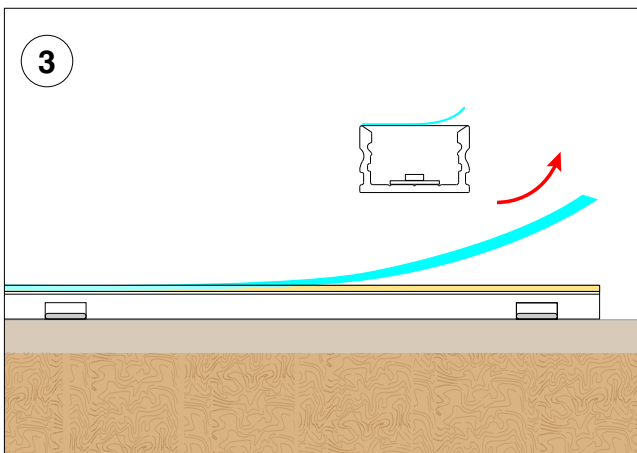


Determine the LALO fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 24" - 30".



- Firmly press the silicone-coated clips on the marked reference points.
- Wait for silicone adhesive to cure completely before snapping fixture into place.
- Snap fixture 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 fixture's lens.

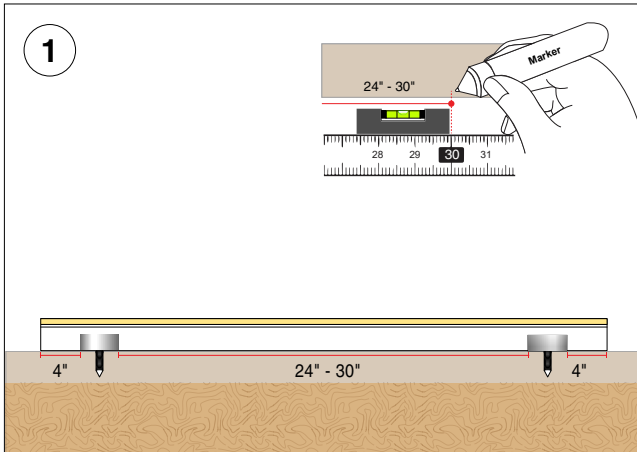
INSTALLATION INSTRUCTIONS

LINEAR FIXTURE - LALO

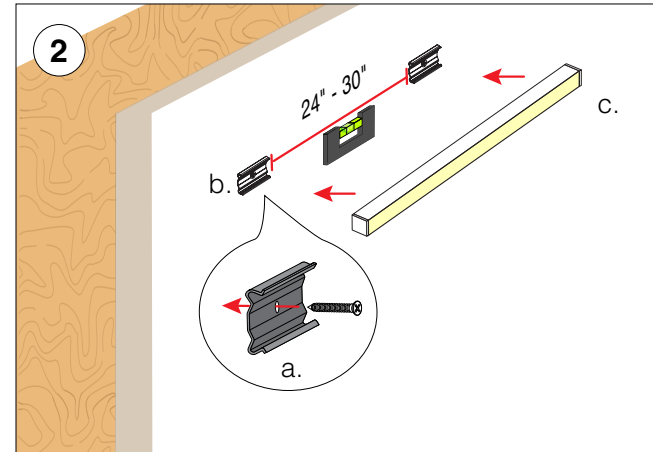


SURFACE MOUNTING METHOD: **SCREW MOUNT**

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

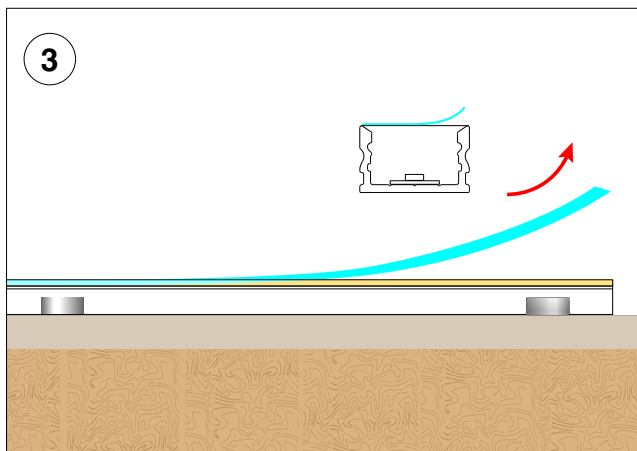


Determine the LALO fixture(s) location and positioning on desired surface; evenly distribute clips. Make any necessary reference markings to indicate where each clip is to be secured in place. Recommended every 24" - 30".



- Secure clips using the #4 flat head hardware provided.
- Ensure the screw head is flush with the clip's base.
- Snap fixture 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 fixture's lens.

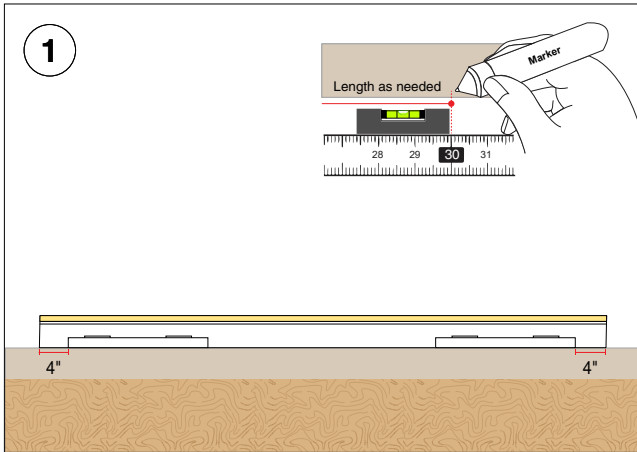
INSTALLATION INSTRUCTIONS

LINEAR FIXTURE - LALO

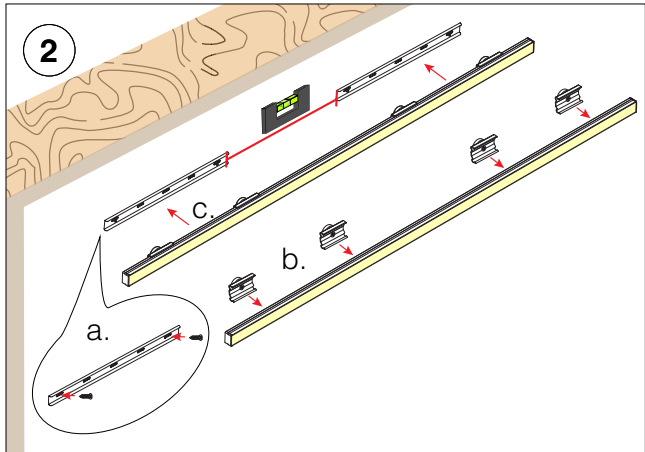


SURFACE MOUNTING METHOD: **MAGNET MOUNT**

- 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

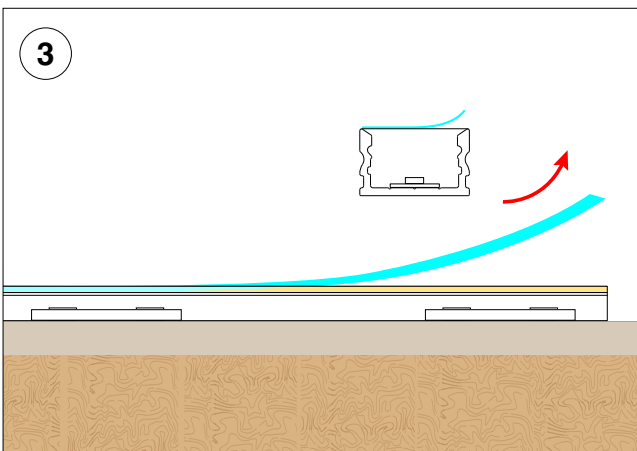


Determine the LALO fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.



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

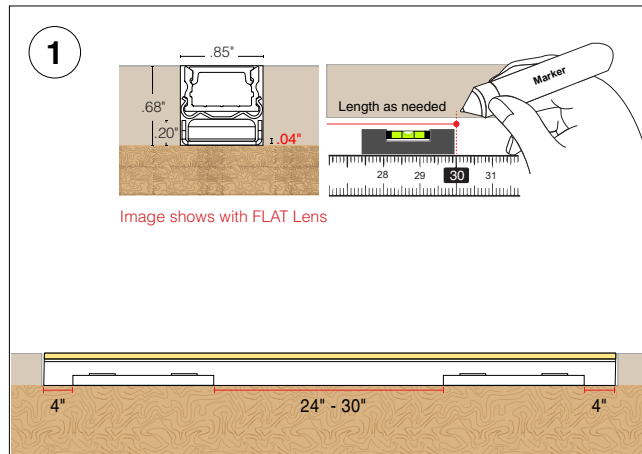
INSTALLATION INSTRUCTIONS

LINEAR FIXTURE - LALO



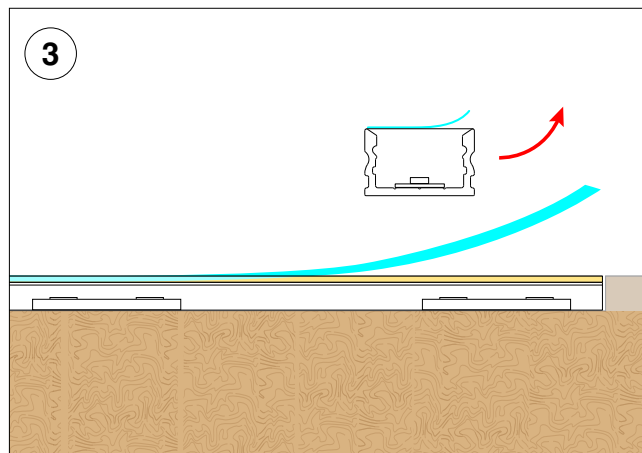
RECESSED MOUNTING METHOD: **MILLWORK**

- 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
- LALO can be recessed in millwork with all compatible LED strips except SW-HE24/9.0

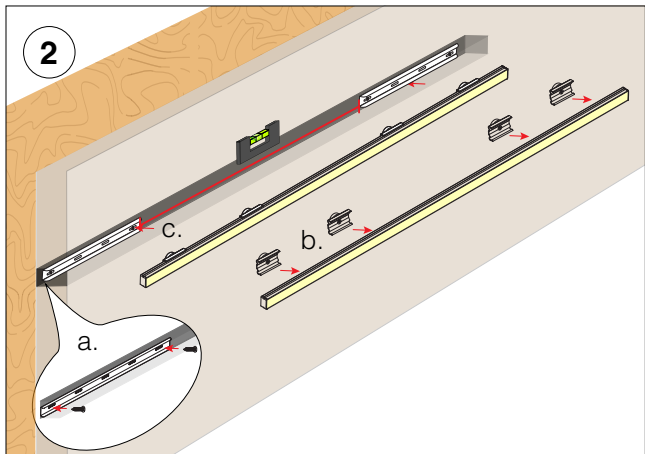


Determine the LALO fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.

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



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



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