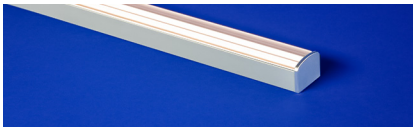
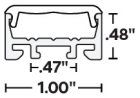
OPTI

Field Assembled Extrusion - Surface & Recessed

SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶





- Mid-low profile LED aluminum extrusion
- OPTI offers precision beam control with a range of optics
- Choose from 12 lens options: 40°, 60°, 70°, 90°, 110°, 155°, 180°, Asymmetric, Forward Throw, & Flat with 3 different levels of diffusion
- Ideal for surface-mounted installations
- Integrated metal endcaps combined with an extruded aluminum housing give this fixture a polished modern look

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

Sample Part Number: **OPTI-ST-CC-ASYM-NI-48"**

1 PRODUCT

OPTI

2 FINISH

ST	Satin
BK	Black
WH	White
CU	Custom Color

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

3 MOUNTING

CC	Concealed Clip
MG	Magnet

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

4 LENS

DF	Flat Diffused
PR	Flat Polar
FR	Flat Frosted
40D	Optical 40°
60D	Optical 60°
70D	Optical 70°
90D	Optical 90°
110D	Optical 110°
155D	Optical 155°
180D	Optical 180°
ASYM	Asymmetric
FT	Forward Throw
N/A	For use with SHIELD

40D, 60D, 70D, 90D, 110D, 155D, 180D, and ASYM are offered in 44.9" lengths.
For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance 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 - FLAT LENS ONLY (DF, PR, FR)

	STATIC WHITE (SW)	STATIC WHITE STANDARD (SD-SW)	STATIC WHITE HIGH EFFICACY (SW-HE)	STATIC WHITE HIGH EFFICACY PLUS (SW-HE+)	STATIC WHITE DOUBLE ROW (SW-DR)	STATIC WHITE HIGH EFFICACY DOUBLE ROW (SW-HE-DR)	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, 4.0, 5.0	✓ W/FT: 1.5, 3.0, 6.0, 9.0	✓ 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														
WET	✓ W/FT: 1.5, 3.0, 4.0, 5.0	✓ W/FT: 1.0, 2.0, 4.0	✓ W/FT: 1.5, 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	✓ W/FT: 6.0	✓ W/FT: 5.0	✓ W/FT: 6.0	✓ W/FT: 6.0	✓ W/FT: 4.0

Field modifications must comply with QTL's installation methods otherwise warranty is null & void | Metal end caps

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

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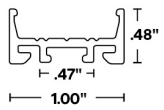
Field Assembled Extrusion - Surface & Recessed

SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶

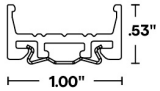
COMPATIBLE LED STRIPS - OPTICAL LENS ONLY (40°, 60°, 70°, 90°, 110°, 155°, 180°, ASYM, FT)

	STATIC WHITE (SW)	STATIC WHITE STANDARD (SD-SW)	STATIC WHITE HIGH EFFICACY (SW-HE)	STATIC WHITE HIGH EFFICACY PLUS (SW-HE+)	DYNAMIC WHITE HIGH EFFICACY (DW-HE)	WARM DIM (WD)	STATIC COLOR (SC)	RGB	RGBW
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, 2.5, 4.0	✓ W/FT: 6.0	✓ W/FT: 5.0	✓ W/FT: 6.0	✓ W/FT: 6.0
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
ENC									
WET									

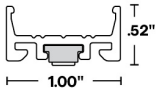
1 PRODUCT - DIMENSIONS



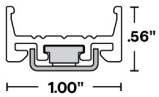
Profile



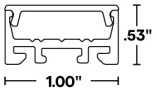
Profile with concealed clip



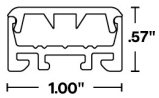
Profile with magnet clip



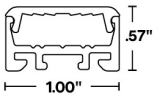
Profile with magnet mount clip and magnet mount accessory



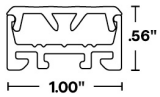
Profile with flat lens



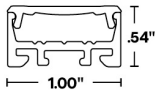
Profile with 40D lens



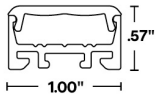
Profile with 60D lens



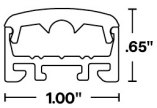
Profile with 70D lens



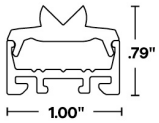
Profile with 90D lens



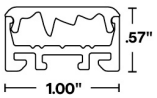
Profile with 110D lens



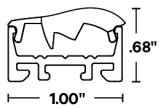
Profile with 155D lens



Profile with 180D lens



Profile with asymmetric lens



Profile with forward throw lens

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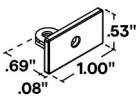
Field Assembled Extrusion - Surface & Recessed

SEE THIS EXTRUSION AS A FACTORY BUILT FIXTURE ▶

END CAPS

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

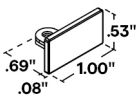
Flat end caps



Feed

To order separately, use OPTI-A-EC

For use with flat lenses only

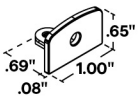


No feed

To order separately, use OPTI-A-EC

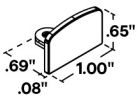
For use with flat lenses only

Optical end caps



Feed

To order separately, use OPTI-EC



No feed

To order separately, use OPTI-EC

2 FINISH



Satin

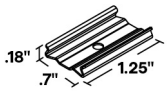
Black

White

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

3 MOUNTING

CC
(CC-01)



Concealed Clip

2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'

To order separately use CC-01(sold in pairs)

Each clips comes with a #4 x 5/8" Flat Head screw.

MG

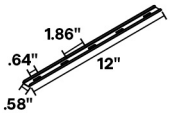


Magnet Clip

One MG provided per foot.

To order separately use MG-02

MMA-02



Magnet Mount
Accessory for MG-02

Sold separately, to order use MMA-02

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

Required when mounting to a non-magnetic surface

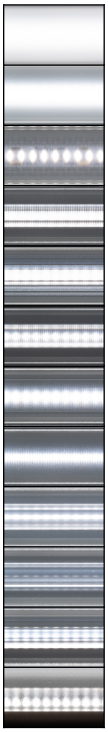
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Field Assembled Extrusion - Surface & Recessed

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4 DIODE VISIBILITY



DF - Flat Diffused lens

PR - Flat Polar lens

FR - Flat Frosted lens

Optical 40°

Optical 60°

Optical 70°

Optical 90°

Optical 110°

Optical 155°

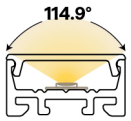
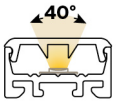
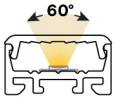
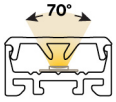
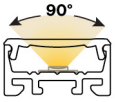
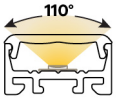
Optical 180°

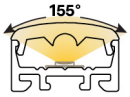
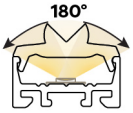
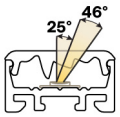
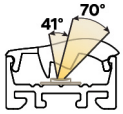
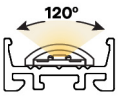
Asymmetric

Forward Throw

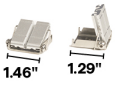
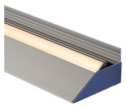
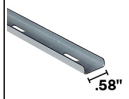
PHOTOMETRIC PERFORMANCE

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

FR	40D	60D	70D	90D	110D
					
Frosted Flat Lens	Optical 40°	Optical 60°	Optical 70°	Optical 90°	Optical 110°

155D	180D	ASYM	FT	N/A
				
Optical 155°	Optical 180°	Asymmetric	Forward Throw	No Lens for use with SHIELD

COMPATIBLE ACCESSORIES

HINGE - HMB-M	HINGE - HMB-L	HINGE - HMB-XL	Q-PIVOT	Q-ANGLE	QUOVA-STANDARD	MMA-02
						
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	QUOVA Knife Edge	Magnet Mount Accessory of MG-02

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OPTI LUMEN MULTIPLIER

LUMEN MULTIPLIER FORMULA

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

Example: **172 lm/ft x 0.90 = 154 lm/ft**

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

Diode free or near Diode free

SW			
LENS	Finish		
	Satin	Black	Bronze
	(ST)	(BK)	(BZ)
40°	0.91	0.72	N/A
60°	0.85	0.68	N/A
70°	0.88	0.70	N/A
90°	0.86	0.69	N/A
110°	0.82	0.65	N/A
155°	0.82	0.66	N/A
180°	0.83	0.66	N/A
ASYM	0.88	0.70	N/A
FT	0.73	0.58	N/A
CL	0.92	0.73	N/A
FR	0.90	0.72	N/A
PR	0.86	0.68	N/A
DF	0.78	0.62	N/A

SW-HE			
LENS	Finish		
	Satin	Black	Bronze
	(ST)	(BK)	(BZ)
40°	0.90	0.73	N/A
60°	0.87	0.70	N/A
70°	0.88	0.71	N/A
90°	0.87	0.70	N/A
110°	0.78	0.60	N/A
155°	0.77	0.59	N/A
180°	0.79	0.62	N/A
ASYM	0.85	0.68	N/A
FT	0.75	0.58	N/A
CL	0.96	0.78	N/A
FR	0.94	0.76	N/A
PR	0.89	0.72	N/A
DF	0.81	0.64	N/A

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

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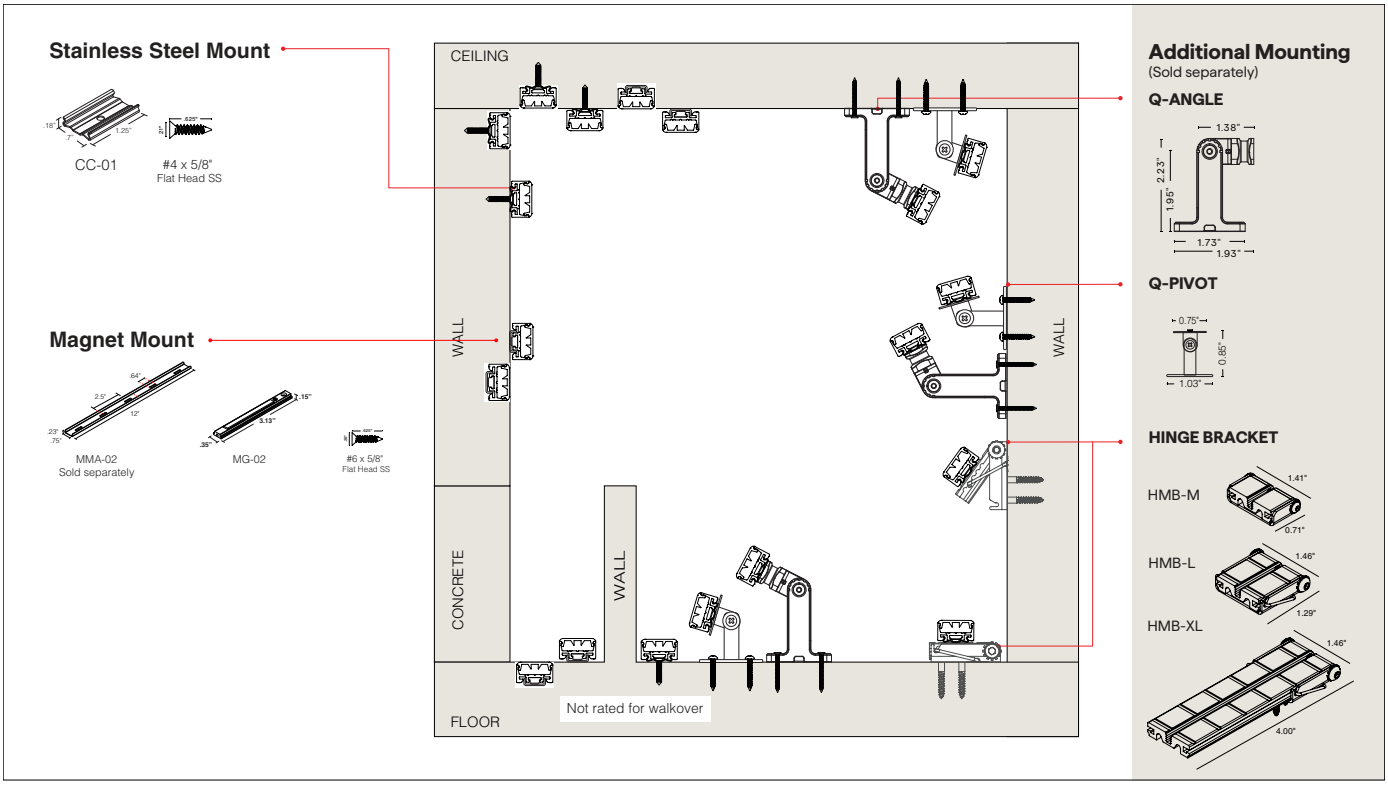
OPTI

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 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.

METHODS OF INSTALLATION:



Surface Mounting Method

- Screw Mount (page 8)
- Magnet Mount (page 9)

Recessed Mounting Method

- Screw Mount : Millwork (page 10)
- Magnet Mount : Millwork (page 12)

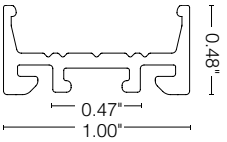
NOTES:

- *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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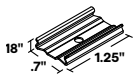
Field Assembled Extrusion Installation Instructions



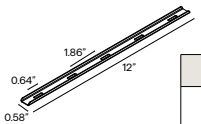
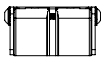
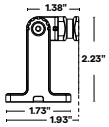
OPTI Profile

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	MAGNET CLIP
 CC-01 Included: Flat Head Screw #4x5/8"	 MG-02 Included: Flat Head Screw #6x5/8"
• 2 clips provided for 4' or less; 4 clips provided for greater than 4'	• One magnet clip per foot

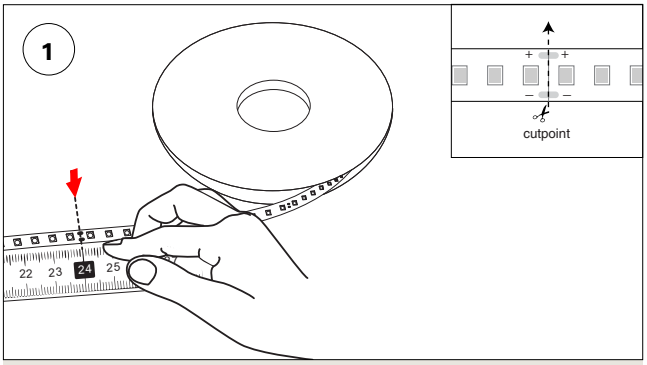
ACCESSORIES SOLD SEPARATELY

MAGNET MOUNT ACCESSORY; sold individually	HINGE BRACKET; sold individually	Q-ANGLE; sold in pairs	Q-PIVOT; sold in pairs
 MMA-02 Included: Flat Head Screw #6x5/8"	 Image shows HMB-M HMB-M HMB-L HMB-XL Included: • 3/4" long mount screw • 1/4" #4 clip mount screw	 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 Included: • SS #4-40x3/16 Flat head screw • 2 #4x3/4 Pan head screws
• MMA-02 comes in 12" pieces; use at least one clip per MMA-02 accessory • MMA-02 can be cut into smaller pieces, if desired			

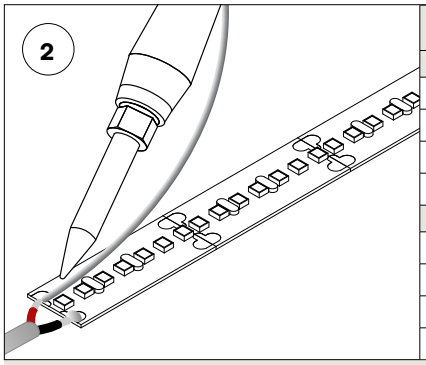
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LED STRIP LEAD WIRE & JUMPER INSTRUCTIONS: **DRY IP20**

If LED wires are pre-soldered from the factory, skip to page 6.



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.

SW, SC, SW-HE, SW-HE+ — LEAD WIRE
- Red = +24V
- Black = Negative

RGBW, RGBW-HE — LEAD WIRE
- Blue = Blue
- Red = Red
- Green = Green
- White = White
- Black = +24V

RGB — LEAD WIRE
- Black = +24V
- Blue = Blue
- Red = Red
- Green = Green

WD — LEAD WIRE
- Black= Negative
- Red = +24V

DW-HE — LEAD WIRE
- Black= +24V
- Blue = CW
- Red = WW

SW-DR — LEAD WIRE
- Red = +24V
- Black = Negative

*Middle rail is optional 24V do not connect both 24V rails to power

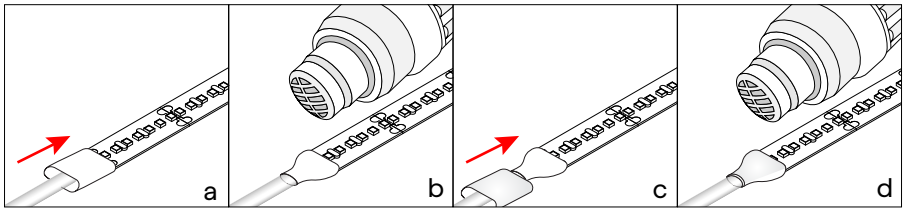
SW-HE-DR — LEAD WIRE
- Red = +24V
- Black = Negative

*Middle rail is optional 24V do not connect both 24V rails to power

SHLD-SW, SHLD-SW-HE
- Red = +24V
- Black = Negative

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.

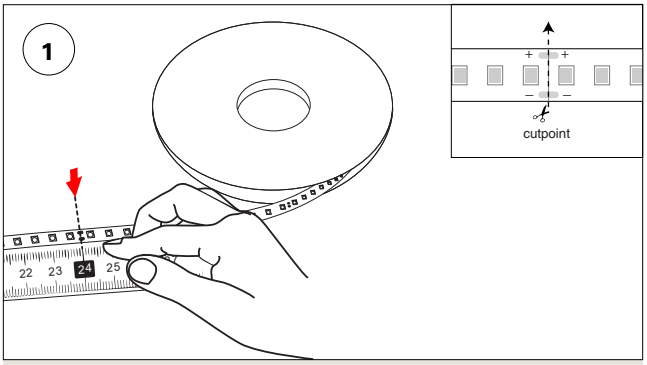
NOTES:

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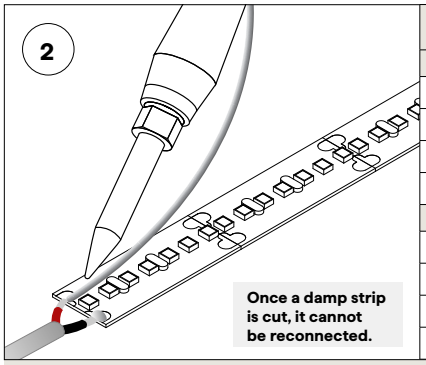
LED STRIP LEAD WIRE & JUMPER INSTRUCTIONS: **DMP IP54**

If LED wires are pre-soldered from the factory, skip to page 6.



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

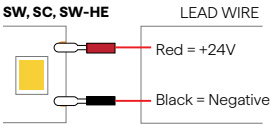
- Carefully peel polyurethane back to expose the solder pads.

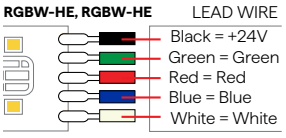


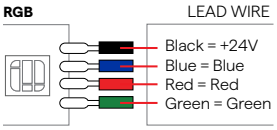
ITEMS INCLUDED
iQ-LED-24-KIT
(1) 24" Lead wire
(1) 6" Solder
(1) 1" Shrink Tube
(1) 1/2" Shrink Tube
iQ-JUMP-6-KIT
(1) 6" Lead wire
(1) 6" Solder
(2) 1" Shrink Tube
(2) 1/2" Shrink Tube

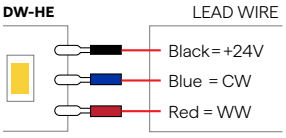
Solder lead wire onto solder pad. Confirm wires are matched up correctly before soldering. See wiring diagrams below for specific light engine details.

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



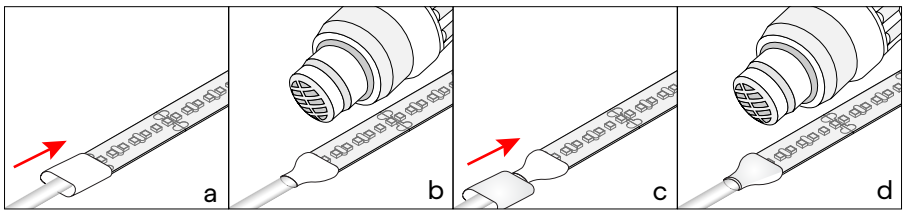






3

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.

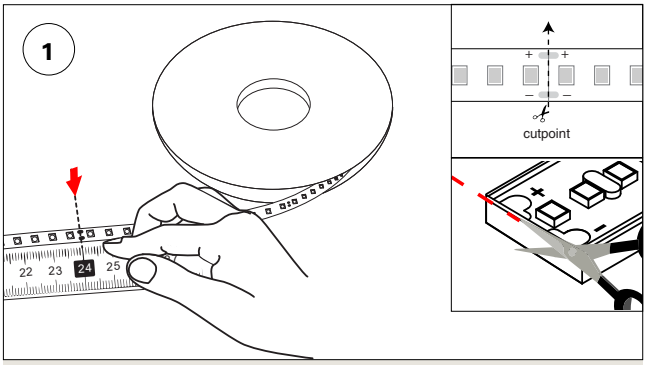
NOTES:

- *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.*

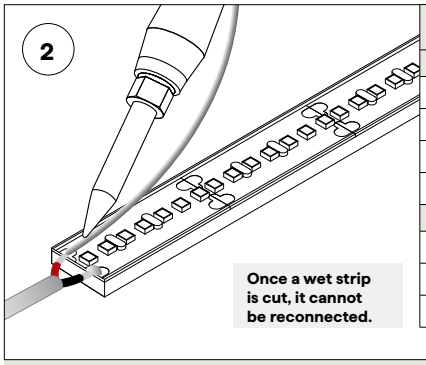
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LED STRIP LEAD WIRE & JUMPER INSTRUCTIONS: **WET IP67**

If LED wires are pre-soldered from the factory, skip to page 6.



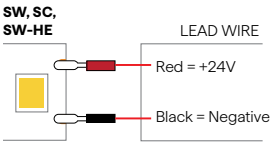
Measure and cut LED strip to desired length with scissors along the cut point.

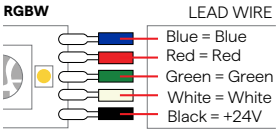


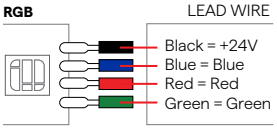
ITEMS INCLUDED
iQ-LED-67-KIT
(1) 24" Lead wire
(1) 6" Solder
(1) Lead wire cap
(1) End Cap
iQ-JUMP-67-KIT
(1) 6" Lead wire
(1) 6" Solder
(2) Lead wire Caps

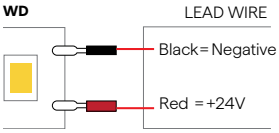
Solder lead wire onto solder pad. Confirm wires are matched up correctly before soldering. See wiring diagrams below for specific light engine details.

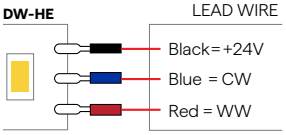
NOTE: Recommended soldering iron temperature of 650˚ – 700˚F for lead-free solder.

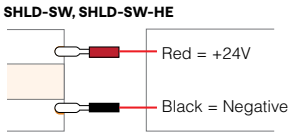






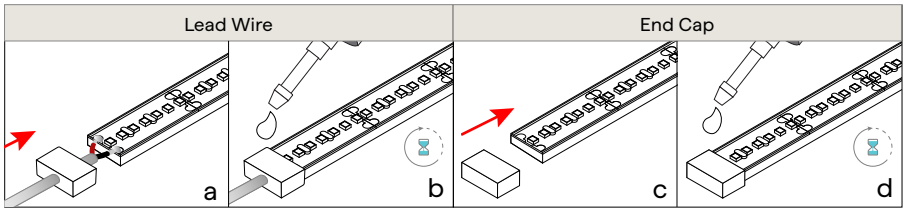






3

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.

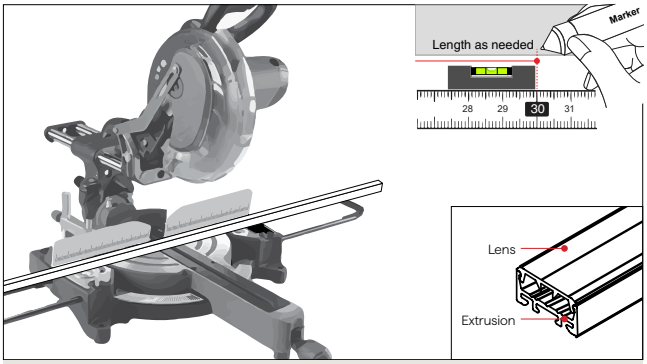
NOTES:

- *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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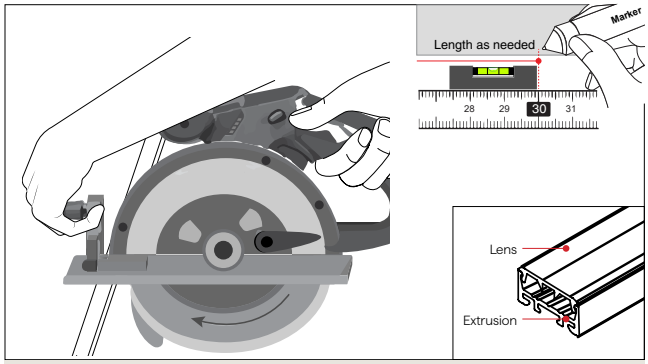
CUTTING EXTRUSIONS FOR IN-FIELD ASSEMBLY INSTALLATION

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

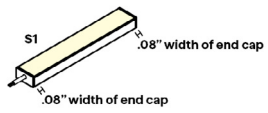


For straight runs, measure LED extrusion to desired length and cut it with a circular saw.

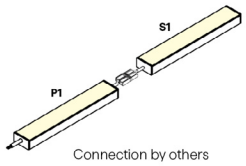
NOTE: Using the proper blade for aluminum, cut to the desired length. Recommend using a 10 in.x 80 tooth medium aluminum saw blade.

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CONFIGURATION OPTIONS

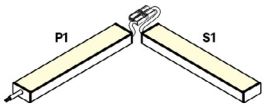


Single End Feed



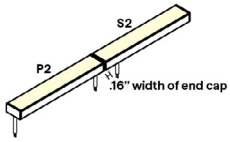
Connection by others

Non-Continuous End Feed

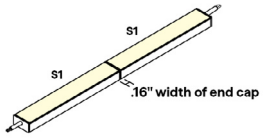


Connection by others

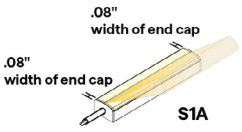
Non-Continuous Corner Feed



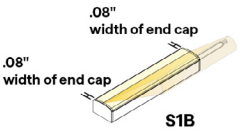
Continuous Bottom Feed



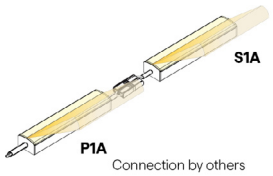
Single End Feed



Single End Feed

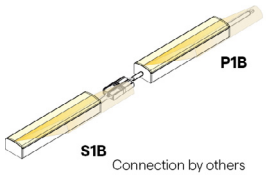


Single End Feed



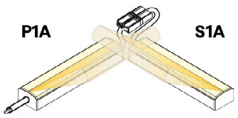
Connection by others

Non-Continuous End Feed



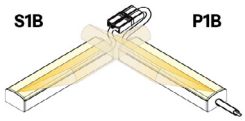
Connection by others

Non-Continuous End Feed



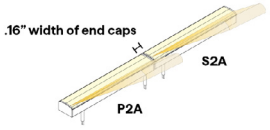
Connection by others

Non-Continuous Corner Feed

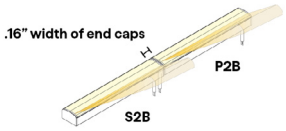


Connection by others

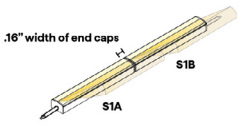
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed



Single End Feed

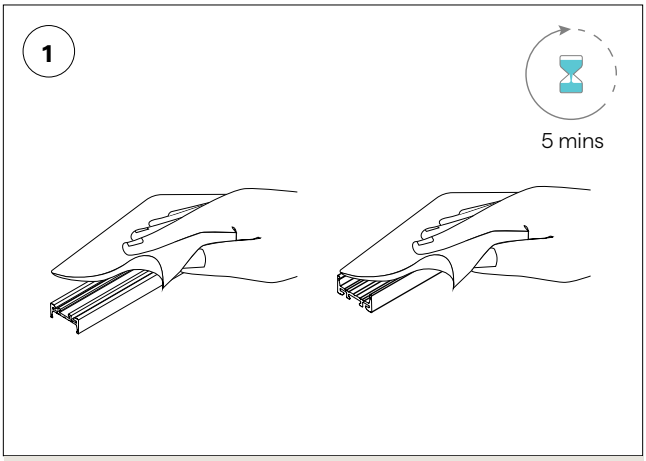
Review wire method to ensure clean installation prior to mounting extrusion.

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

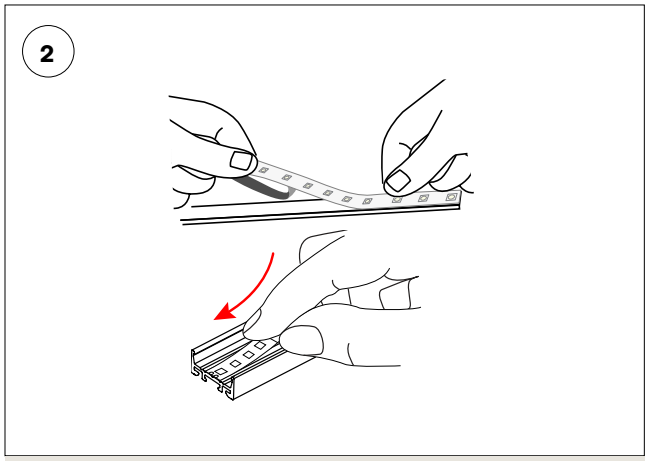
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LED INSERTION FOR IN-FIELD ASSEMBLY INSTALLATION

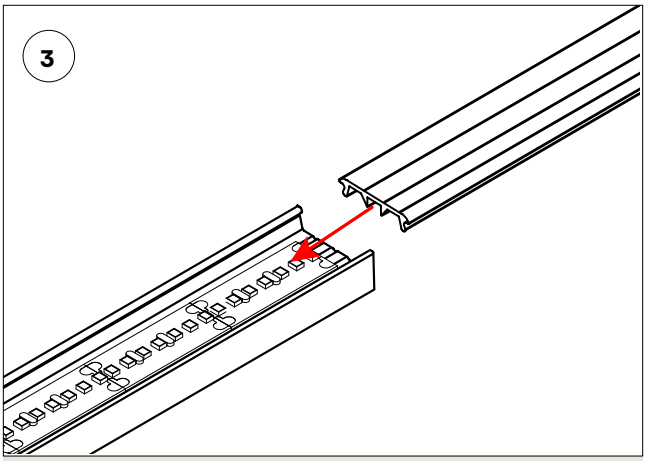
STRIP IN EXTRUSION



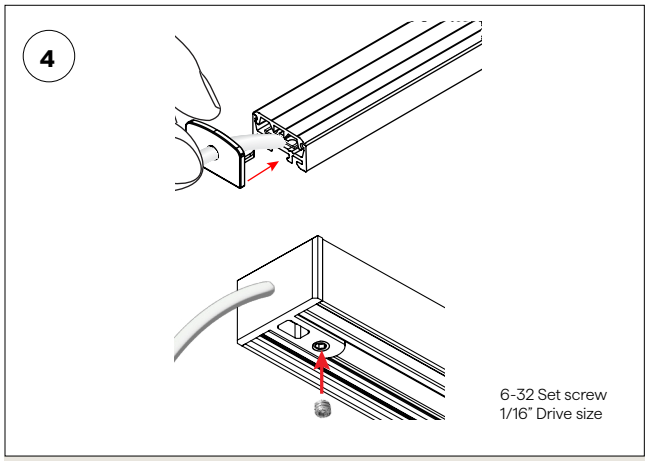
Using a 50/50 alcohol mix throughly clean, the surface of the extrusion. Allow time to dry (about 5 minutes).



Gently place LED in extrusion. Apply firm pressure to the bonding surface. This will reduce the chances of dust and debris from contaminate adhesive. The smallest amount of exposed adhesive is the best case.



Starting from one end of the extrusion, slide the lens into the grooved lip of the extrusion until secured in place.

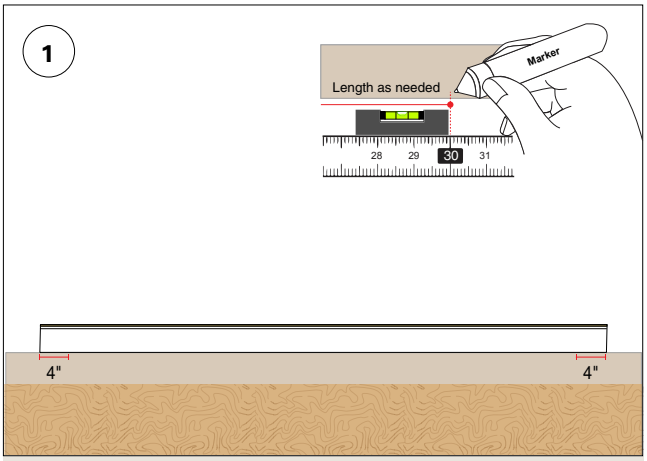


Secure the end cap using the provided Allen key and the 6-32 set screw.

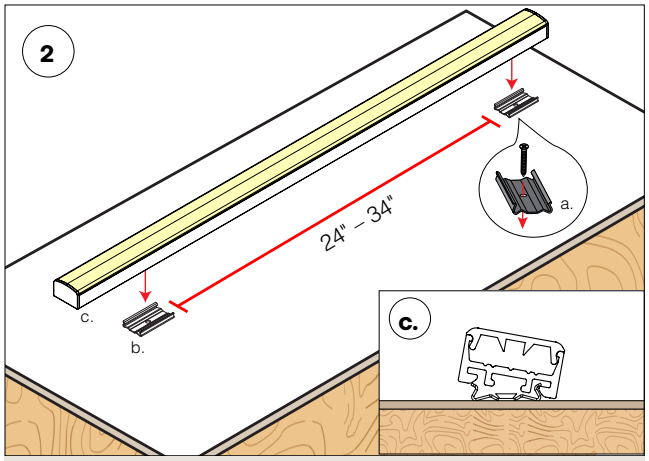
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SURFACE MOUNTING METHOD: **SCREW MOUNT**

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



Determine the OPTI 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".

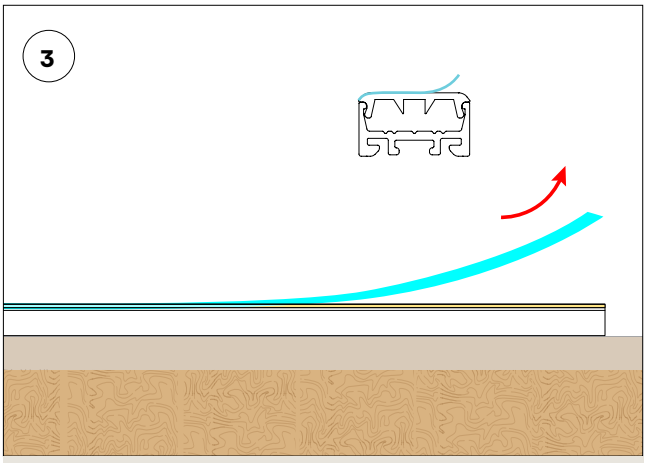


a. Secure clips using the #4 flat head hardware provided. The first and last clip should be placed 4" inward from each end of the fixture.

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

c. Snap fixture onto clips. Make a secure connection with the clip by tilting and snapping on

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.

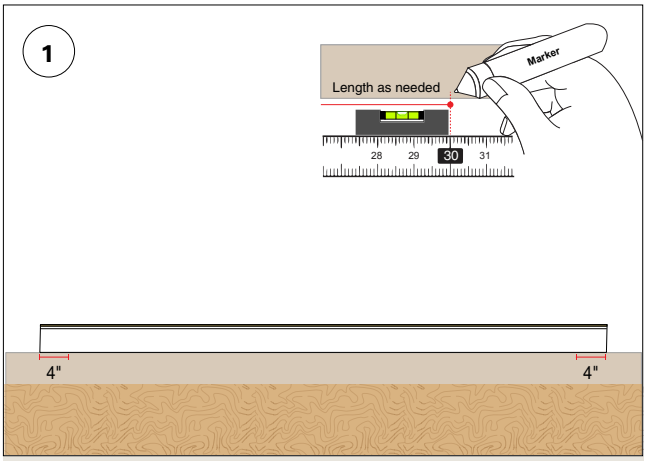


Remove protective film from the surface of the fixture's lens.

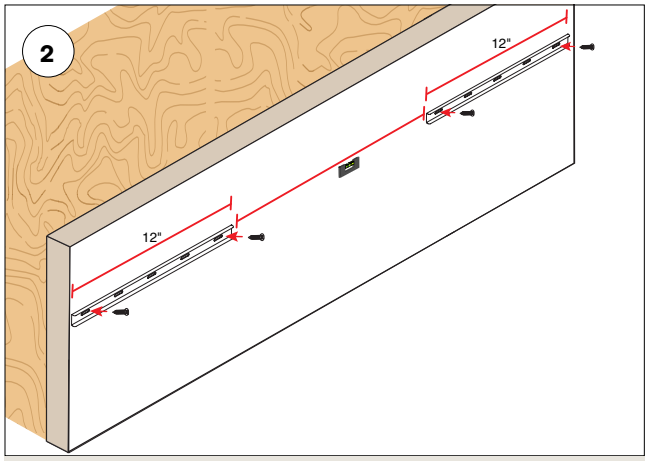
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SURFACE MOUNTING METHOD: **MAGNET MOUNT**

- One magnet clip per foot
- MMA-02 comes in 12" pieces; use at least one clip per MMA-02 accessory
- MMA-02 can be cut into smaller pieces, if desired

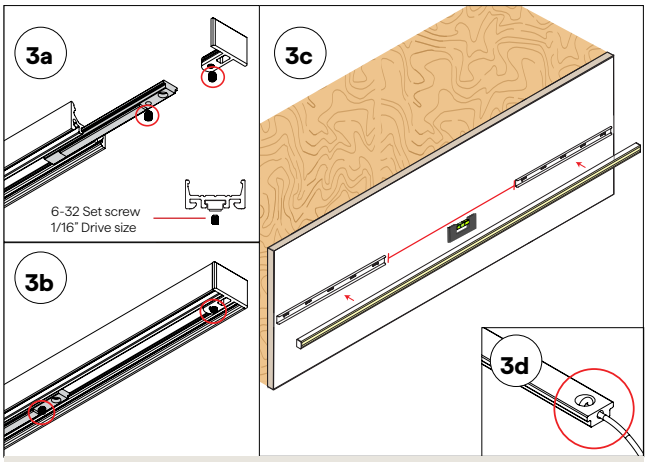


Determine the OPTI fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.



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

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



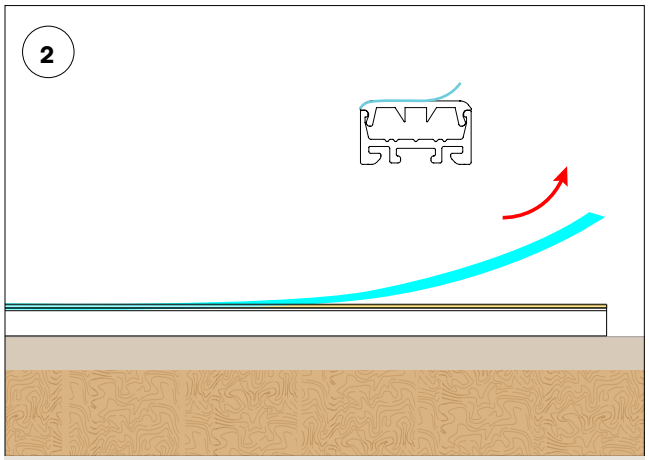
a. Unscrew the Non-Feed OPTI endcap using an allen key, and slide in the magnet clips.

b. Using the supplied set screw fasten the Non-Feed endcap that was removed, and secure the magnet clips into your desired location.

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

d. For installations requiring seismic precautions, monofiliment may be used with magnet clips as pictured.

NOTE: The magnet clips should be offset to the flat heads used to secure the bracket, to maximize magnetic connection.

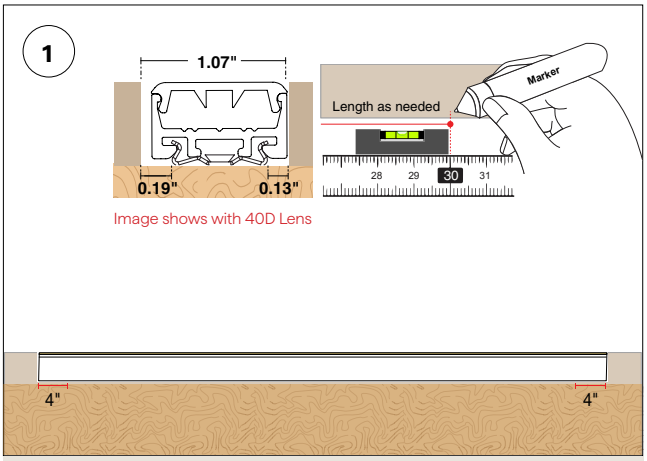


Remove protective film from the surface of the fixture's lens.

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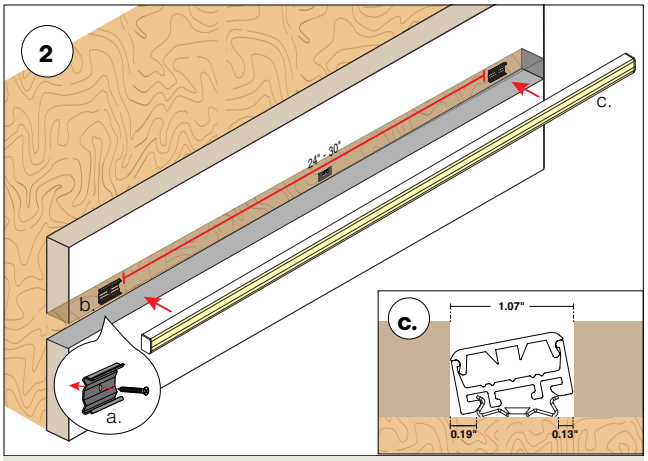
RECESSED MOUNTING METHOD: **MILLWORK SCREW MOUNT**

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



Determine the OPTI 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".

NOTE: OPTI requires cut out to be at least 1.07" wide. The clip must be placed with 0.19" of space on the wider side. Depth of the channel in the millwork is dependent on overall height with the clip.

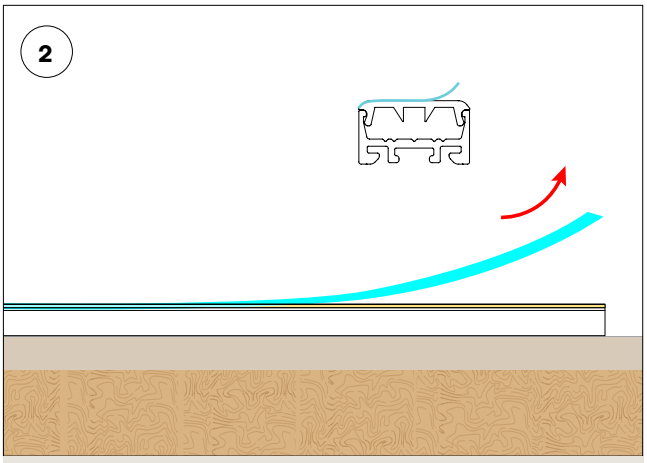


a. Secure clips using the #4 flat head hardware provided. The first and last clip should be placed 4" inward from each end of the fixture.

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

c. Snap fixture onto clips. Make a secure connection with the concealed clip by tilting and snapping on

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.

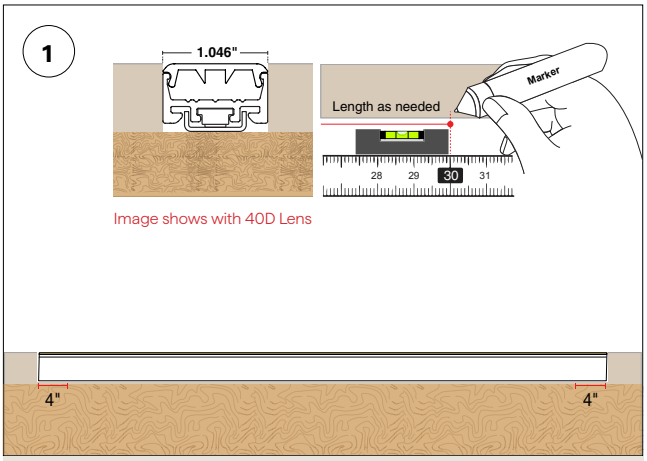


Remove protective film from the surface of the fixture's lens.

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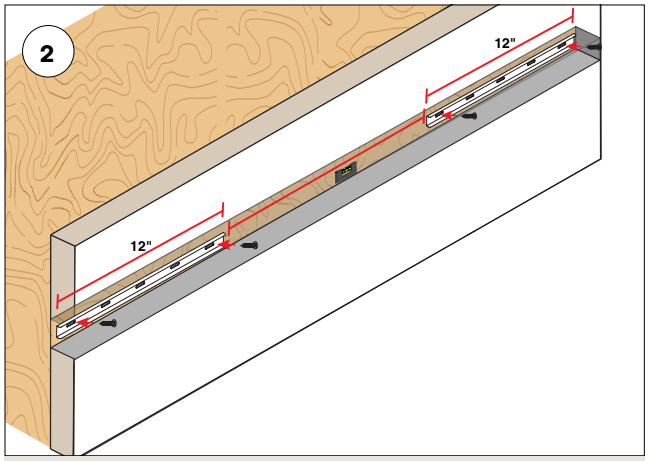
RECESSED MOUNTING METHOD: **MILLWORK MAGNET MOUNT**

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- MMA-02 can be cut into smaller pieces, if desired



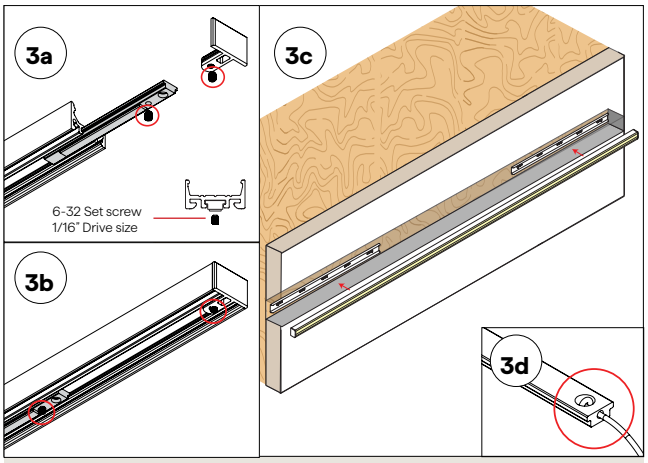
Determine the OPTI fixture(s) location and positioning on desired surface. Make any necessary reference markings to indicate where the magnet mount accessory bracket is to be secured in place.

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



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

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



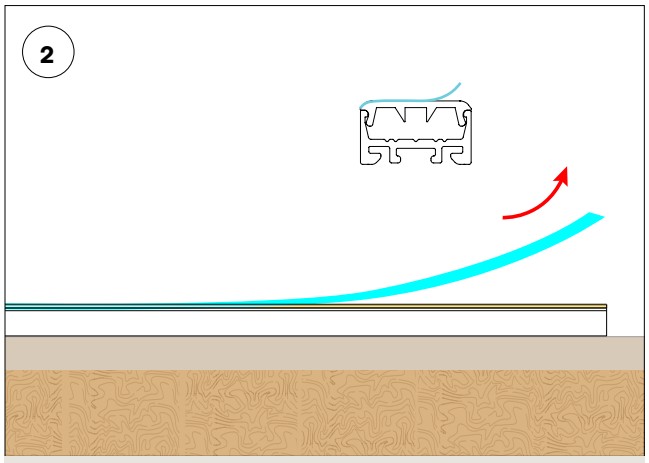
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c. Place the assembled fixture into the magnet mount bracket.

d. For installations requiring seismic precautions, monofiliment may be used with magnet clips as pictured.

NOTE: The magnet clips should be offset to the flat heads used to secure the bracket, to maximize magnetic connection.



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

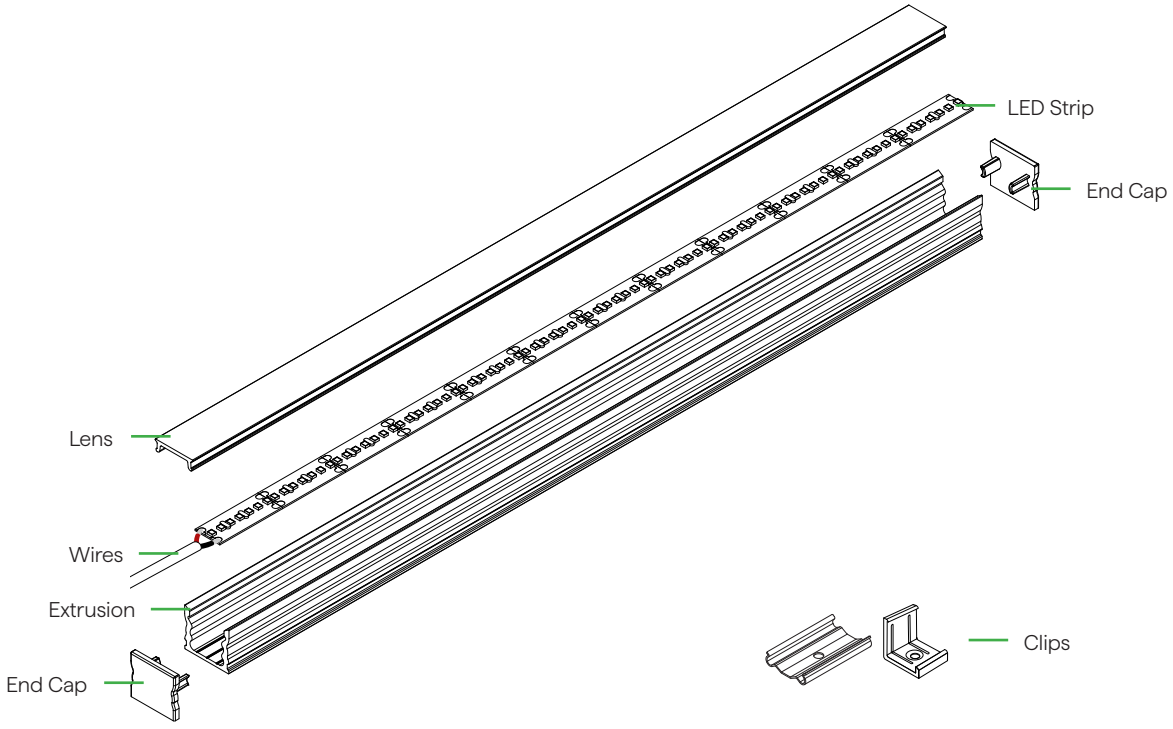
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MATERIAL RECYCLING

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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