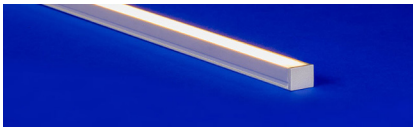
MICRO 5 ATOM-ENCAPSULATED (03) STATIC WHITE

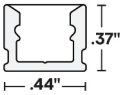
24VDC Linear Fixtures - Surface & Recessed

410.2 & 410.16 Closet Rated in 1.0-2.0W/ft

BUY AMERICAN ACT COMPLIANT

BUILD AMERICA, BUY AMERICA COMPLIANT





- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Encapsulation available in clear or translucent
- Suitable for indoor and outdoor locations
- 60% smaller than ESSENTIALS-TORQ
- Delivers equivalent efficacy as standard size fixtures
- Ideal for surface mounted or recessed installations that call for low-profile light in small areas
- Features a stainless steel mounting clip, making installation and repositioning effortless
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 2.0 watts or less per foot per NEC regulations

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS
			ENC	

ADDITIONAL INFORMATION REQUIRED TO ORDER

6 WIRE INPUT/ OUTPUT	7 CONNECTOR/ WIRE IN	8 CONNECTOR/ WIRE OUT	9 WIRE COLOR	10 WIRE TYPE	11 MOUNTING	12 FINISH	13 LENGTH (IN)	14 EXACT/ OPTIMAL
					SST			

Sample Part Number: **ATOM-03-SW-1.0-30-ENC-TL-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

1 PRODUCT

ATOM-03-SW
ATOM-03-SW-USA

Select USA option for BAA and BABA projects.

See following pages for compatible power supplies.

2 WATTS/FT

1.0	1.0W/ft
2.0	2.0W/ft
4.0	4.0W/ft

3 CCT

22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

4 RATED

ENC	IP67

5 LENS

CL	Clear
TL	Translucent

For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance section on following pages

6 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1	End Feed
S2	Bottom Feed
S3	Left Side Feed
S4	Right Side Feed

For continuous mounting, consider bottom feed.

PASS THROUGH (Input/output)

P1	End Feed
P2	Bottom Feed
P3	Left Side Feed
P4	Right Side Feed

For continuous mounting, consider bottom feed.

7 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

8 CONNECTOR/WIRE OUT

CLS	Closed End (No feed)

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

9 WIRE COLOR

WH	White
BK	Black
N/A	For Barrel

10 WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated
N/A	For Barrel

CL2P only available with bare wire leads (BW)

11 MOUNTING

SST	Stainless Steel

12 FINISH

ST	Satin
BK	Black
CU	Custom

Custom finishes require a longer lead time, consult factory

13 LENGTH (IN)

Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".

14 EXACT/OPTIMAL

E	Exact specified length
O	Optimal illumination

5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance

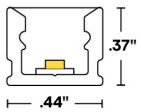
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Specification subject to change. Rev-07-06-26

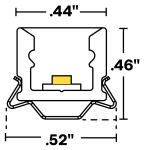
MICRO 5 ATOM-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



Profile



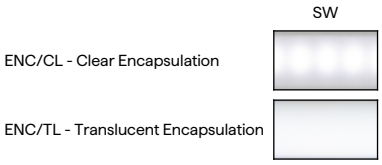
Profile with stainless steel mounting clip

2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with ATOM-03-SW-**-30-ENC

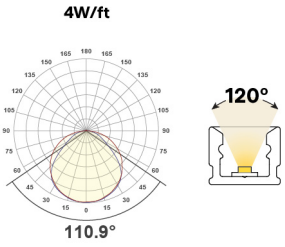
	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
CL	34	97	91	98	202	98
TL	28	95	74	95	163	95

5 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

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



ENC/CL at 3000K

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MICRO 5 ATOM-ENCAPSULATED (03) STATIC WHITE

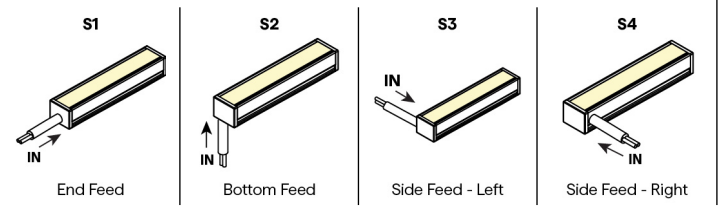
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	135°F	-4°F	115°F

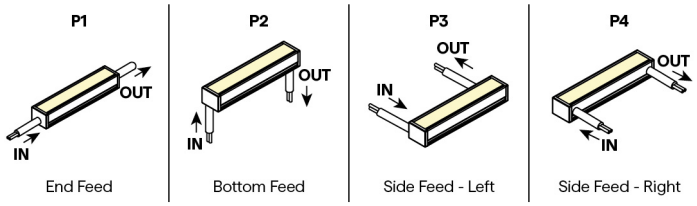
6 WIRE INPUT/OUTPUT

SINGLE (Input only)



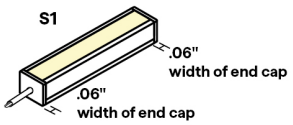
End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

PASS THROUGH (Input/Output)

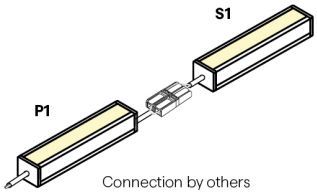


End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

CONFIGURATION OPTIONS

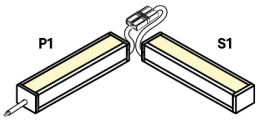


Single End Feed



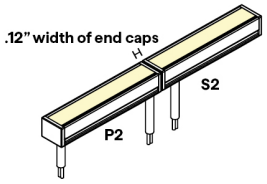
Connection by others

Non-Continuous End Feed

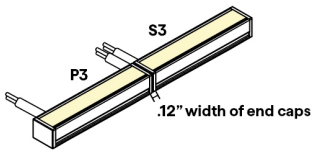


Connection by others

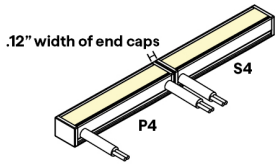
Non-Continuous End Feed



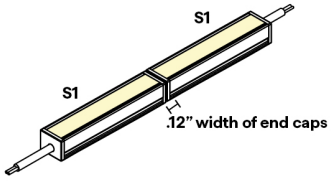
Continuous Bottom Feed



Continuous Side Feed - Left



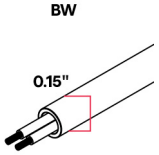
Continuous Side Feed - Right



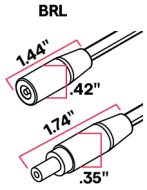
Continuous End to End Feed

7/8 CONNECTOR/WIRE – IN/OUT

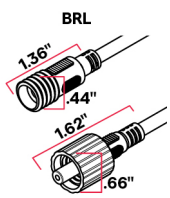
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out



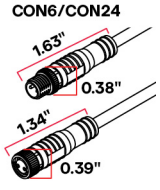
Bare Wire 24"
22 AWG



Barrel 6" - DRY/DMP |
22 AWG



Barrel 6"- WET | 22 AWG



6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

9 WIRE COLOR

White

Black

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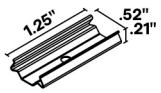
Specification subject to change. Rev-07-06-26

MICRO 5 ATOM-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

11 MOUNTING

SST



Stainless Steel Clip

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

To order separately use SST-08

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

12 FINISH

Satin

Black

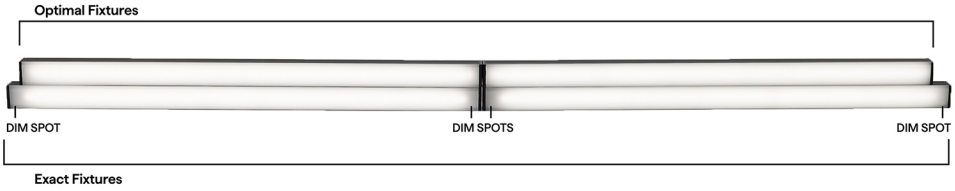
Custom finishes require a longer lead time, consult factory

15 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →

E/O Explained →

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.



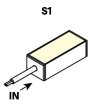
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MICRO 5 ATOM-ENCAPSULATED (03) STATIC WHITE

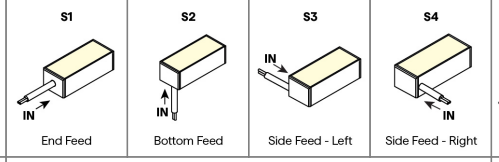
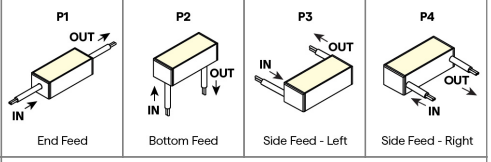
24VDC Linear Fixtures - Surface & Recessed

SW ENC LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2 & S3 & S4 	P1 & P2 & P3 & P4 
12"	11.38"	11.63"
13"	12.38"	12.63"
14"	13.38"	13.63"
15"	14.38"	14.63"
16"	15.38"	15.63"
17"	16.38"	16.63"
18"	17.38"	17.63"
19"	18.38"	18.63"
20"	19.38"	19.63"
21"	20.38"	20.63"
22"	21.38"	21.63"
23"	22.38"	22.63"
24"	23.38"	23.63"
36"	35.38"	35.63"
48"	47.38"	47.63"
60"	59.38"	59.63"
72"	71.38"	71.63"
84"	83.38"	83.63"
96"	95.38"	95.63"

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	OUTDOOR
	MICRO 5-SW	MICRO 5-SW
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT6-PS QZ-DMX QZ-PRO-PH/0-10V
1%	Q-DIM QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED

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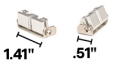
MICRO 5 ATOM-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-SW	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PRO-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PRO-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	
ECO System	QTM-eLED(E)	
DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-S



Adjustable mounting bracket - Small

QUOVA-MICRO



QUOVA Knife Edge

VHB



Double sided mounting tape

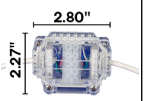
COMPATIBLE WIRING ACCESSORIES

Q-mini-J



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

Q-mini-J5



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

BARREL-EXT



8ft barrel cable extender DRY ONLY

BARREL FOUR-FER



Splits lead from one to four LED Barrel connector fixtures, DRY/DMP

CON120-EXT



10ft Con cable extender DRY/DMP/WET

CON FOUR-FER



Splits lead from one to four LED Con connectors DRY/DMP/WET

CON M - BARREL F



Male con to barrel cable adaptor DRY/DMP

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Specification subject to change. Rev-07-06-26

MICRO 5 ATOM-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage

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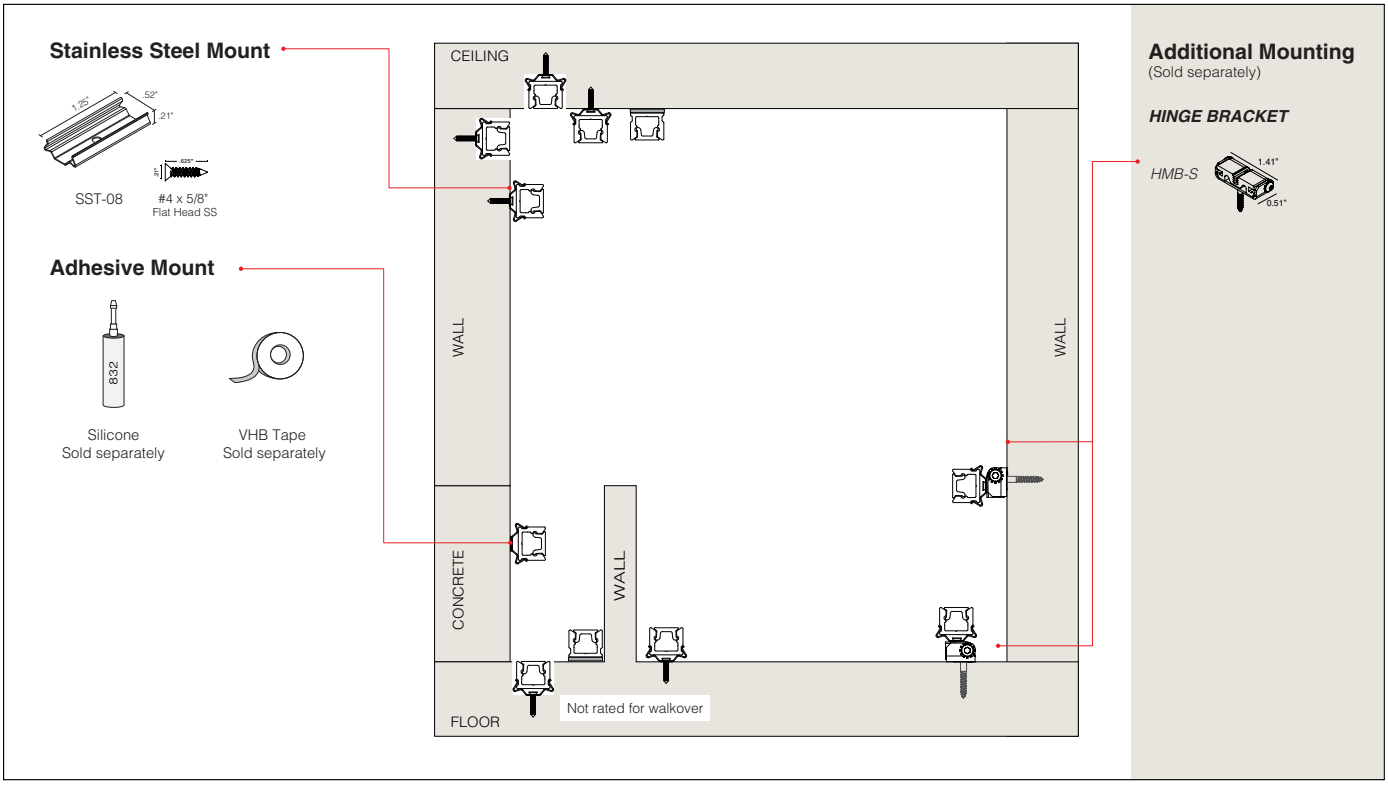
MICRO 5 ATOM

Factory and Field Assembled Installation Instructions

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 — Warranty only valid with QTL 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 QTL facility
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION:



Preparation

- Components & Hardware (page 2)
- Cutting & Configuration Options (page 3)
- Surface Preparation & Assembly (page 4-7)

Surface Mounting Method

- VHB Mount (page 8)
- Silicone Mount (page 9)
- Screw Mount (page 10)

Recessed Mounting Method

- Screw Mount: Millwork (page 11)

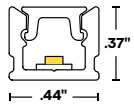
Louver Mounting Method

- Clip-Over Louver (page 12)
- Screw Mount (page 13)

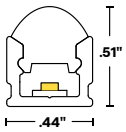
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MICRO 5 ATOM

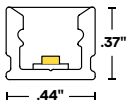
Factory and Field Assembled Installation Instructions



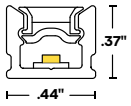
ATOM-FLAT (01)



ATOM-OPTICS (02)



ATOM-ENCAPSULATED (03)

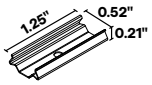


ATOM-LOUVER (05)

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

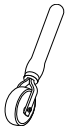


SST-08

Included	
	Flat Head Screw #4x5/8"

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

REQUIRED ACCESSORY



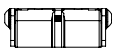
UNI-ROLLER

Included
Included and required for all MICRO 5 field assembled options

- Roller tool used to lay MICRO 5 LED strip into extrusion housing. To order additional use UNI-ROLLER

ACCESSORIES SOLD SEPARATELY

HINGE BRACKET; sold individually

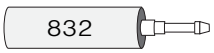


HMB-S

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

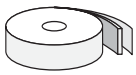
ADHESIVE SOLD SEPARATRLY

SILICONE



DOWSIL 832

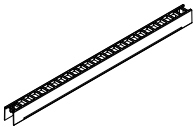
VHB TAPE; sold in 15" increments



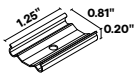
TAPE-VHB-IP20

MICRO EXTERNAL LOUVER KIT

Sold separately

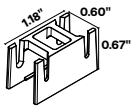


12.25" External Louver



SST-01

Included	
	(2X) Flat Head Screw #4x5/8"



Louver Connector

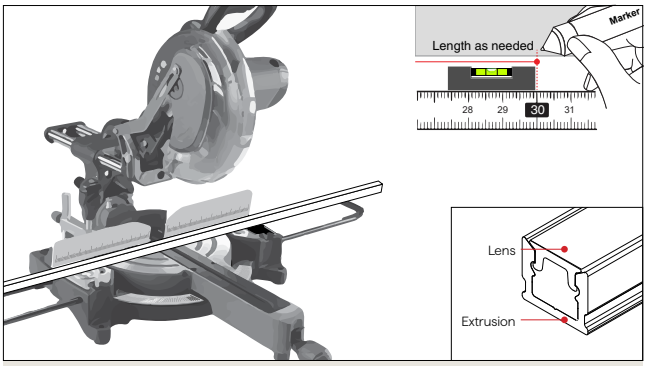
Included	
	(2X) Gaskets

- 12.25" external louver, louver connector, (2x)SST-01, (2x) Flat Head Screw #4x5/8", and (2x)gaskets

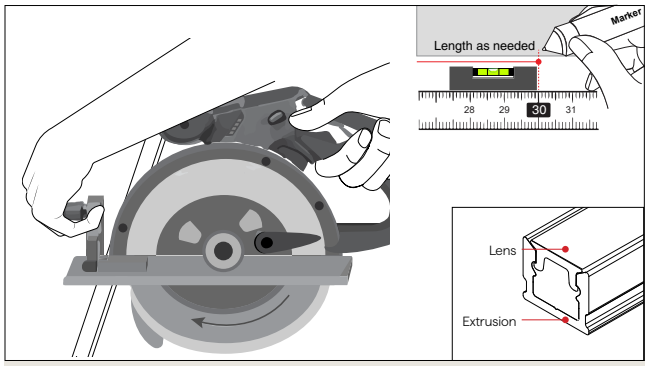
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CUTTING EXTRUSIONS FOR IN-FIELD ASSEMBLY INSTALLATION

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



OR



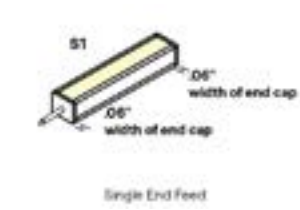
To achieve corners or angles, measure the LED extrusion to desired length and cut with a miter saw.

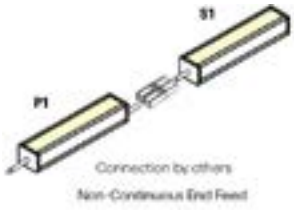
For straight runs, measure LED extrusion to desired length and cut it with a circular saw.

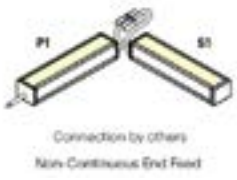
NOTE: Using the proper blade for aluminum, cut to the desired length. Recommend using a 10 in.x 80 tooth medium aluminum saw blade.

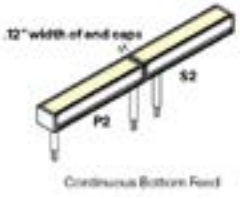
CONFIGURATION OPTIONS

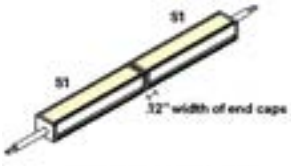
ATOM-FLAT



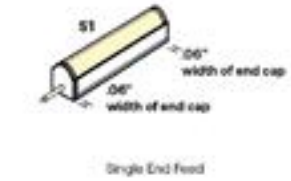


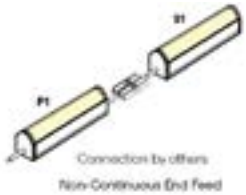


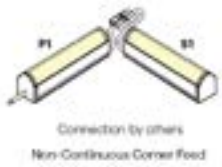


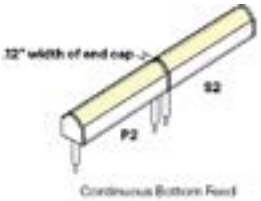


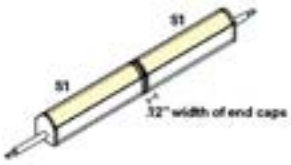
ATOM-OPTICS











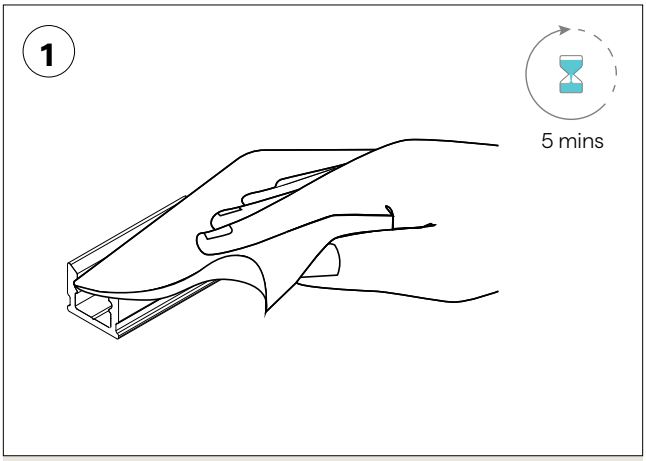
Review wire method to ensure clean installation prior to mounting extrusion.

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

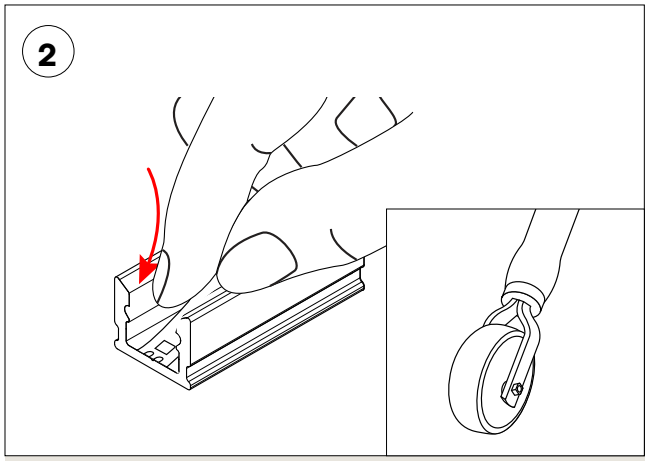
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LED INSERTION FOR IN-FIELD ASSEMBLY INSTALLATION

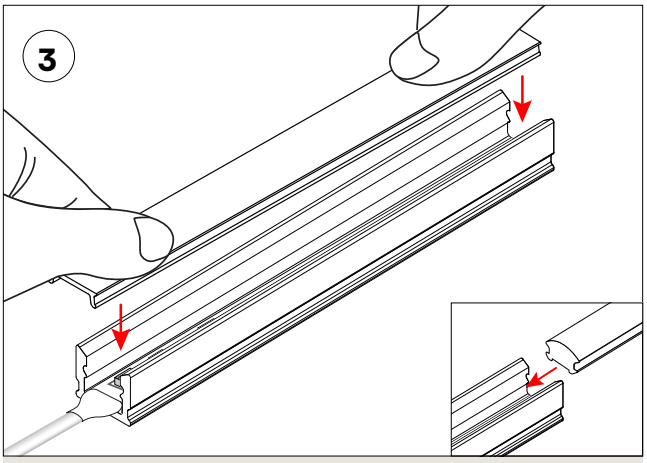
STRIP IN EXTRUSION



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

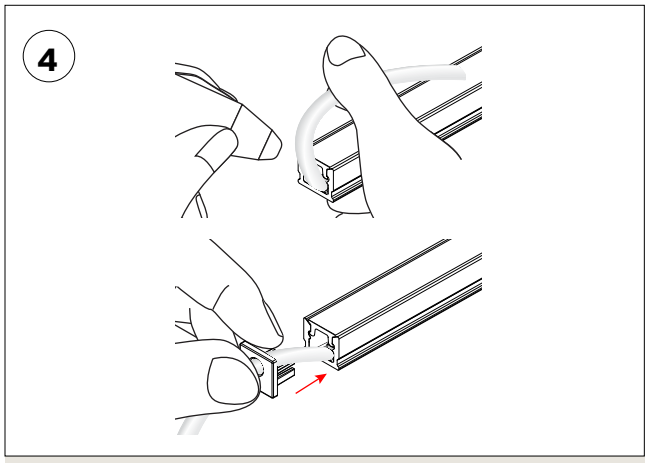


- Gently place LED in extrusion/tray. Apply firm pressure to fully adhere to the extrusion. This reduces the possibility that dust and debris will contaminate the adhesive.
- Use the UNI-ROLLER tool to place MICRO 5 LED strip into extrusion housing. If needed, you may order additional UNI-ROLLER tools.



Flat Lenses: Apply uniform pressure until the extrusion and lens snap securely together.

Optical and Inner Louver Lens: Starting from one end of the extrusion, slide the lens into the grooved lip of the extrusion until secured in place.



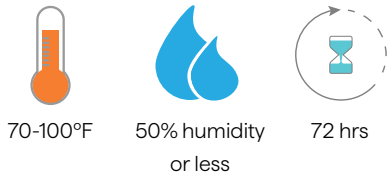
- Add glue inside the end cap and glue around edges to secure end cap in place. Do not allow glue to come in contact with LED.

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SURFACE MOUNTING METHOD

SURFACE PREPARATION

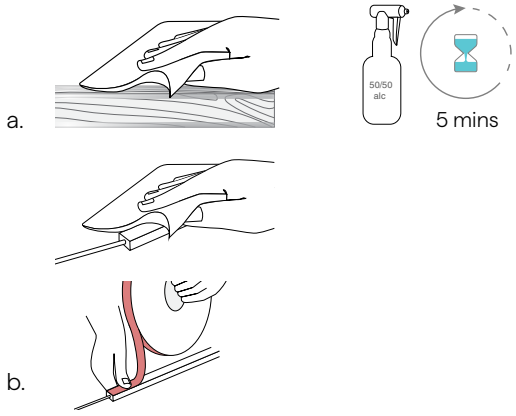
1



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.

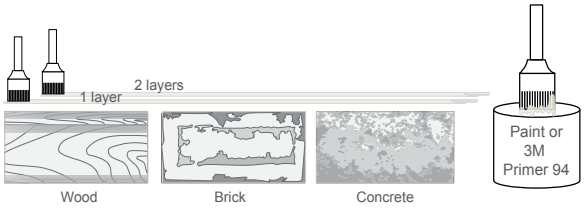
2



a. Using a 50/50 alcohol mix, thoroughly clean the backside of the 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



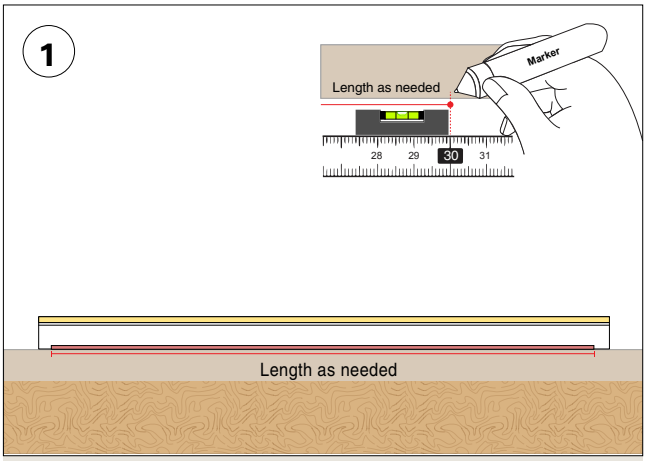
For porous materials (Wood, Brick, Concrete etc.) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. These can be purchased from a local hardware store.

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

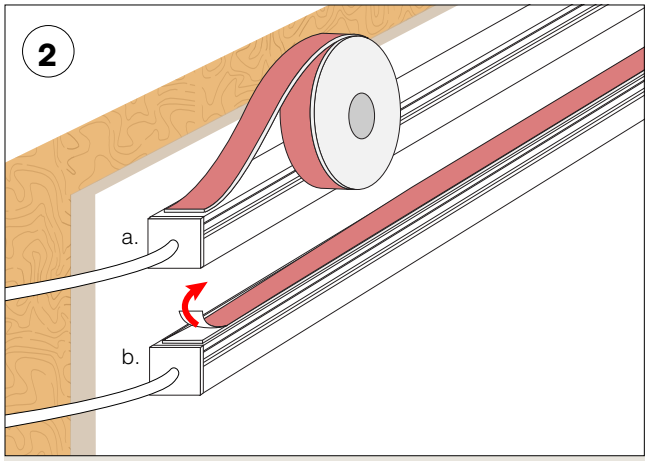
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SURFACE MOUNTING METHOD: **VHB ADHESIVE MOUNT**

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

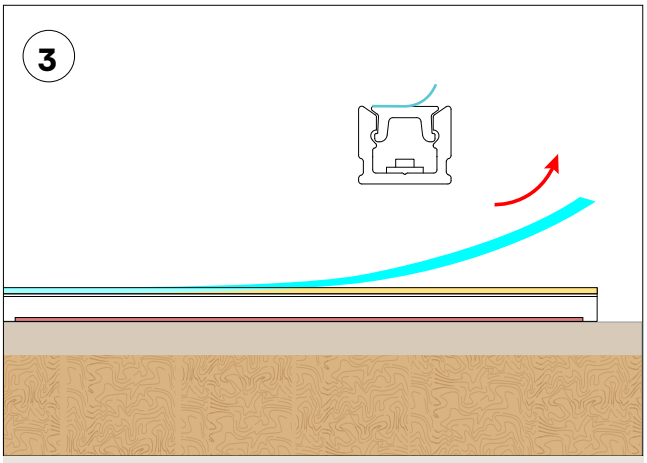


Determine the ATOM fixture(s) location and positioning on desired surface before adhering Fixture to surface. Make any necessary reference markings to indicate fixture placement.



a. 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.

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



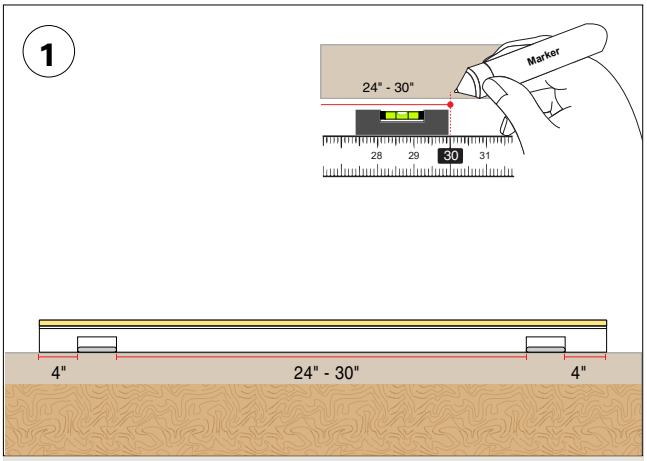
Remove protective film from the surface of the fixture's lens.

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.*

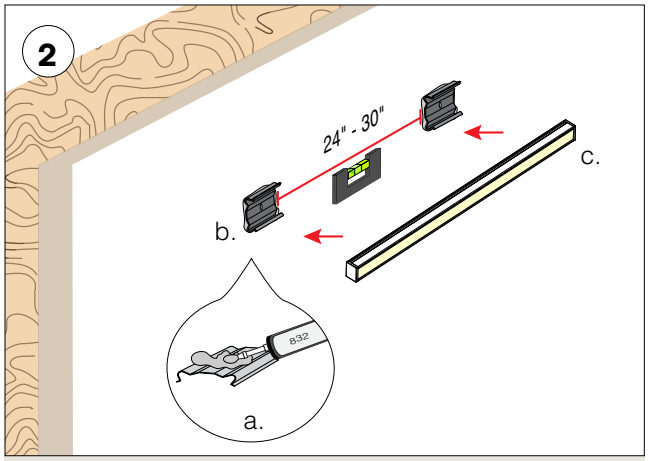
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SURFACE MOUNTING METHOD: **SILICONE**

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



Determine the ATOM 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".

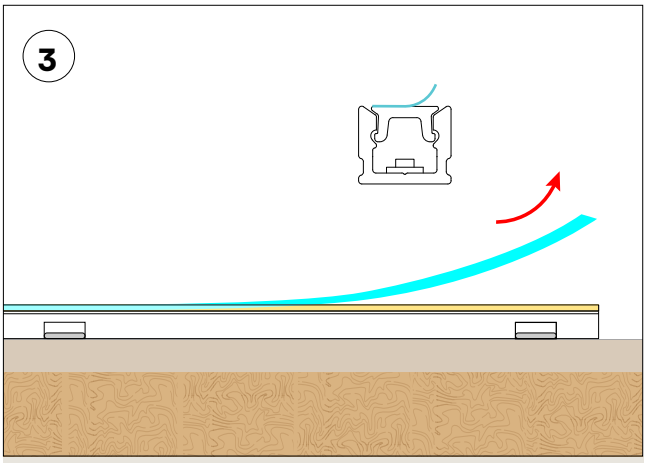


a. Firmly press the silicone-coated clips on the marked reference points.

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

c. 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.

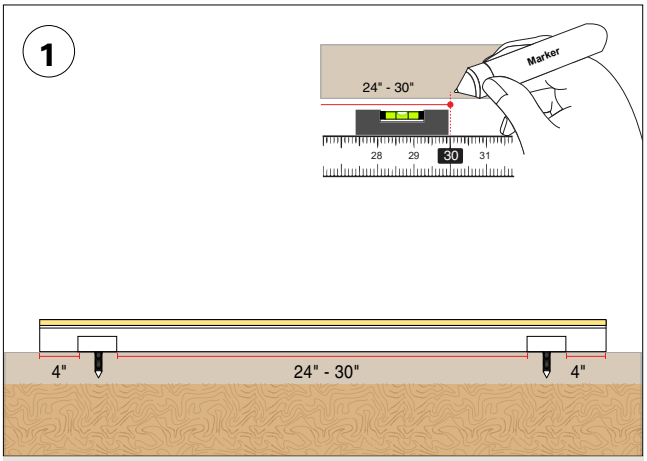


Remove protective film from the surface of the fixture's lens.

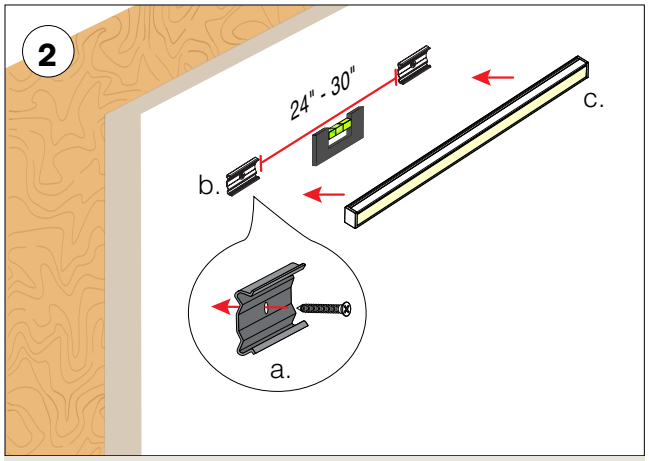
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SURFACE MOUNTING METHOD: **SCREW MOUNT**

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



Determine the ATOM 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".

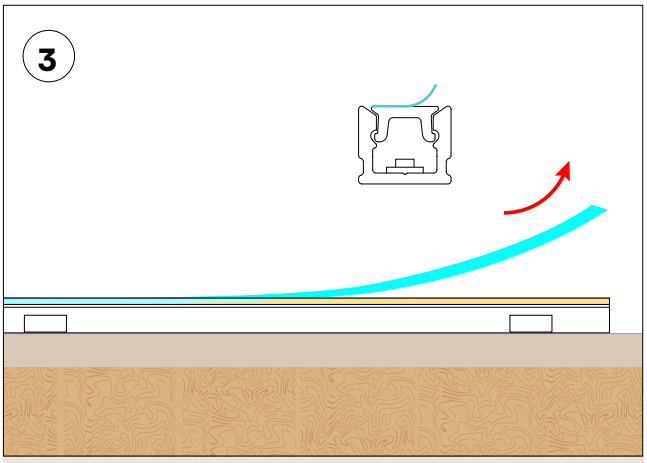


a. Secure clips using the #4 flat head hardware provided.

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

c. 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.

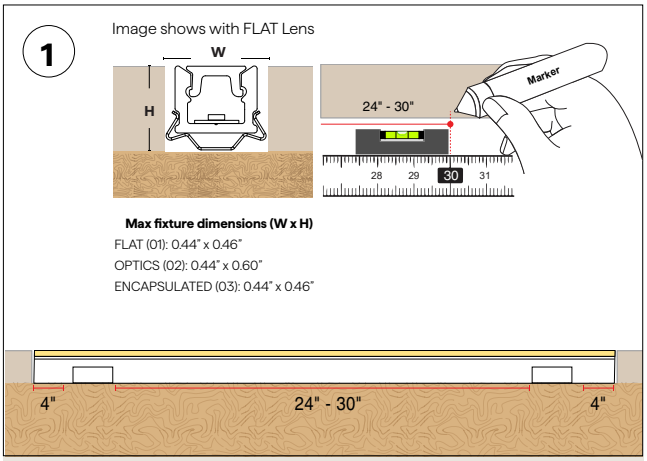


Remove protective film from the surface of the fixture's lens.

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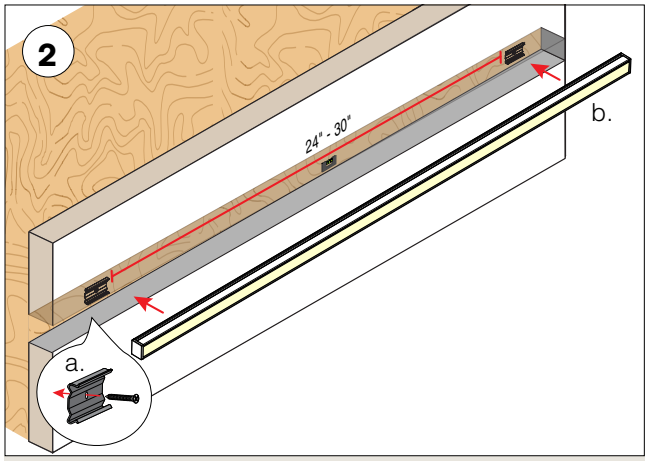
RECESSED MOUNTING METHOD: **SCREW MILLWORK**

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



Determine the ATOM fixture(s) location and positioning on desired surface. Make any necessary reference markings.

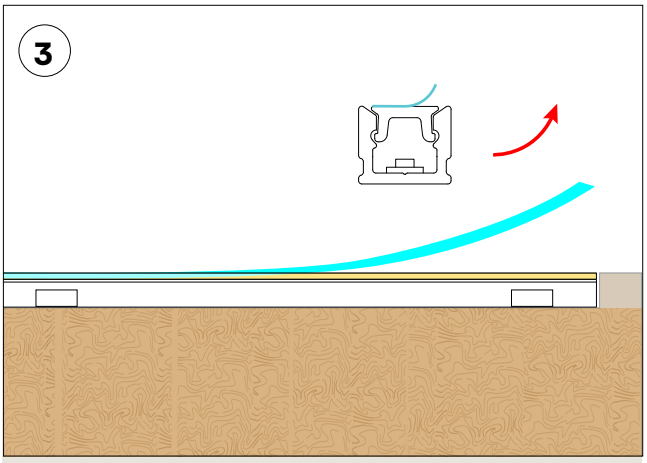
NOTE: Depth of the channel in the millwork is dependent on overall height with the Stainless Steel Mounting Clip. Check spec sheet dimensions for the height and width of the specific fixture and mounting you are installing.



a. Mount the #4 flat head screw into the clip.

b. Snap the assembled fixture onto the clip

NOTE: If surface application requires a longer screw, the screw size must be a #4 Flat Head. 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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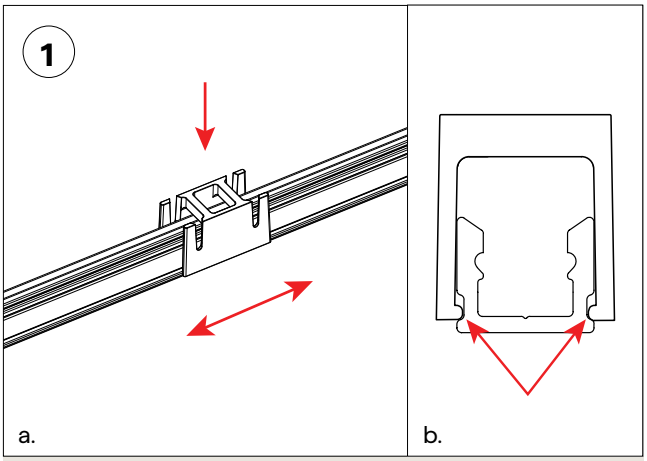
MICRO 5 ATOM

Factory and Field Assembled Installation Instructions

LOUVER INSTALL METHOD: **CLIP-OVER LOUVER**

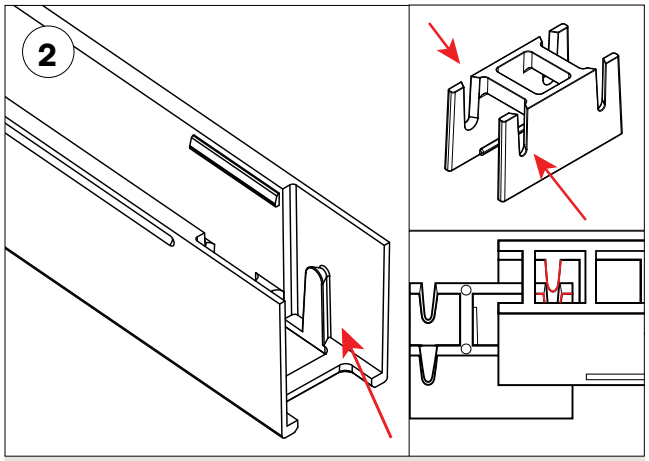
- Louvers can be snapped onto the fixture either before or after it is mounted to the surface using the provided mounting clip.

COMPATIBILITY	Louver Connector
ATOM-FLAT (01)	✓
ATOM-OPTICS (02)	✓
ATOM-ENCAPSULATED (03)	✓
ATOM-LOUVER (05)	

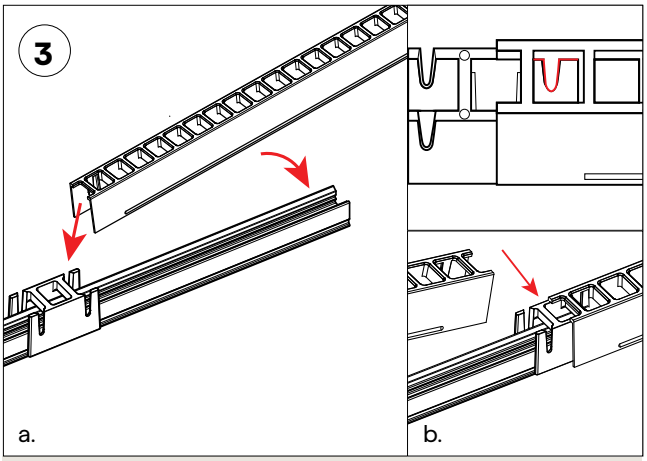


a. Place Clip-Over Louver connector onto the fixture housing in the approximate location. The connector can be moved into final position later.

b. Small runners should fit into extrusions side channels.



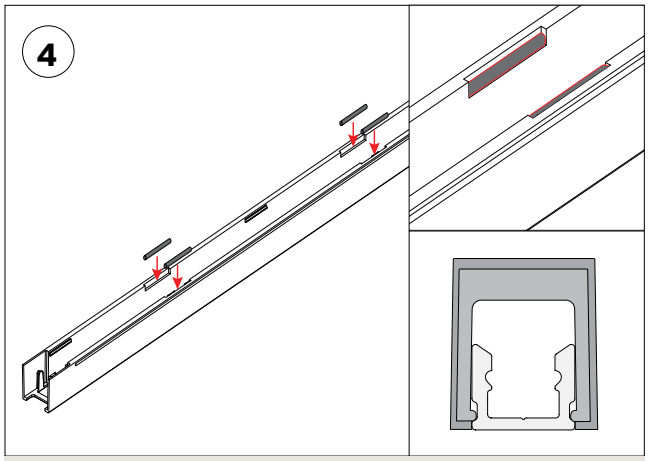
During install, align the dovetail on the Clip-Over Louver with the feature on the Clip-Over Louver Connector.



a. Place the louver's dovetail feature into the corresponding feature on the connector. Then clip the louver into place on the fixture at a slight angle

b. Snap the next louver onto the fixture and connector in the same process.

NOTE: *These plastic louvers are field-cuttable. Trimming the final segment as needed and positioning the cut end at the end of the fixture is recommended.*



Vertical Install

- If hanging the fixture vertically used the supplied gaskets and insert between extrusion and louver as shown above before inserting into mounting clips.

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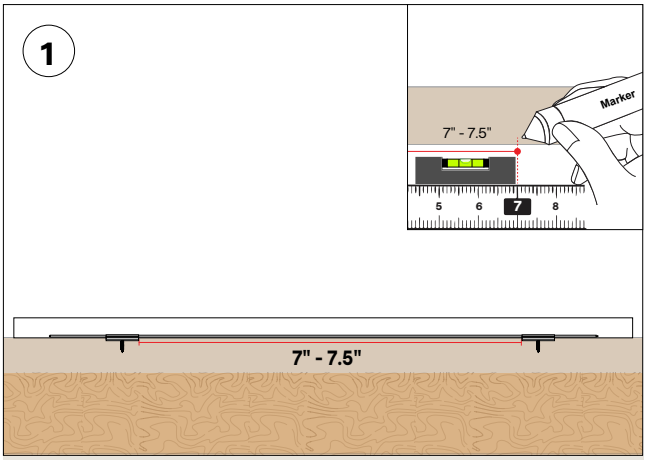
MICRO 5 ATOM

Factory and Field Assembled Installation Instructions

LOUVER INSTALL METHOD: **SCREW MOUNT**

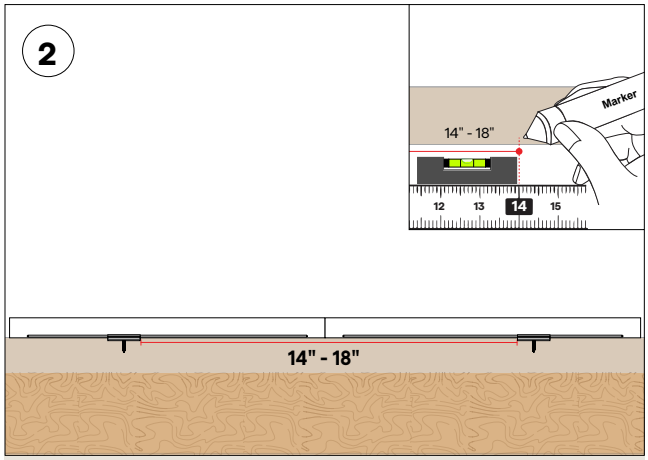
- Louvers can be snapped onto the fixture either before or after it is mounted to the surface using the provided mounting clip.

COMPATIBILITY	SST-01
ATOM-FLAT (01)	✓
ATOM-OPTICS (02)	✓
ATOM-ENCAPSULATED (03)	✓
ATOM-LOUVER (05)	



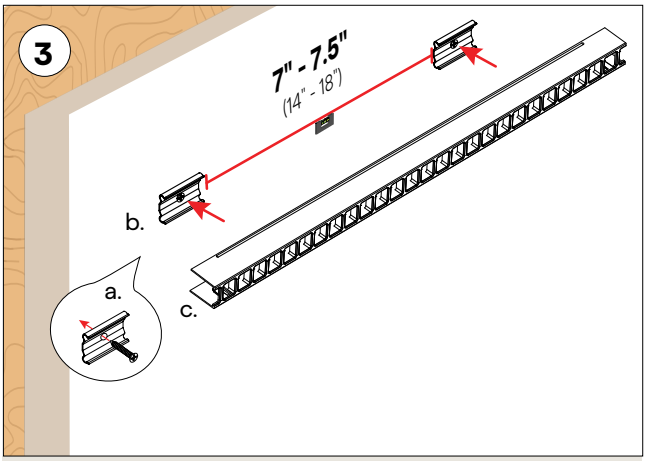
Single Louver Clip

- Determine the MICRO 5 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 7” to 7.5” on single louver.

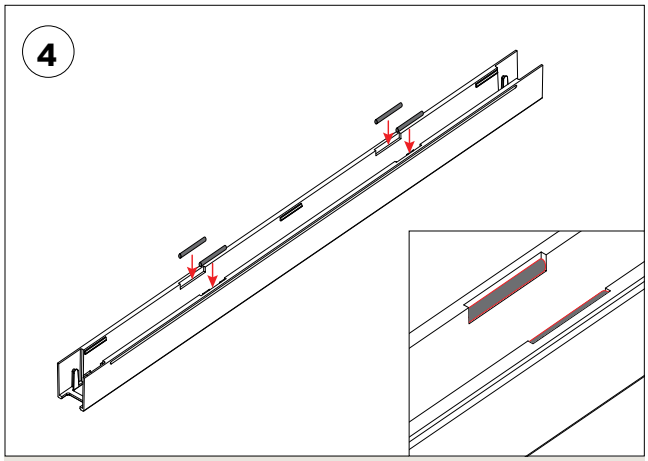


Multiple Single Louver Clip

- If installing multiple louvers recommended spacing is between 14” and 18”.



a. Secure clips using #4 flat head screw provided.
b. Ensure the Screw head is flush with the clips base.
c. Snap fixture onto clips.



Vertical Install

- If hanging the fixture vertically used the supplied gaskets and insert between extrusion and louver as shown above before inserting into mounting clips.

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MICRO 5 ATOM-ENCAPSULATED-SW(03)

Linear Fixtures Color Data

ATOM-03-SW-1.0-30-ENC-CL

3018 K

CRI: 97.4

CRI R9: 94.7

TM30 Rf: 94.7

TM30 Rg: 99.7

CQS: 94.7

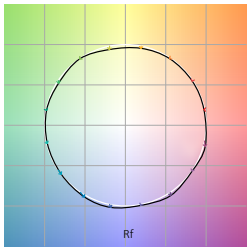
X: 0.439

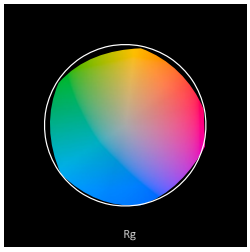
Y: 0.411

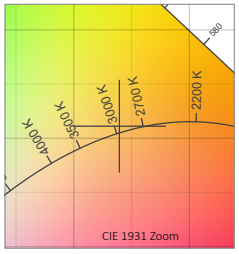
U: 0.249

V: 0.350

Δuv: 0.0024







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	97.1	93.8	99.3	97.1	95.7	99.0	98.8	94.7	91.7	98.6	80.3	98.0	95.6	97.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	97.3	91.6	91.9	94.5	95.7	96.0	97.9	95.5	94.2	94.2	95.0	96.0	97.3	96.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.6	97.9	96.6	94.8	93.7	97.2	94.5	97.9	94.7	90.6	90.2	93.3	97.1	94.7	93.9	91.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	-1%	0%
2	98	-1%	-1%
3	97	-1%	0%
4	95	-3%	0%
5	94	-4%	1%
6	97	0%	1%
7	94	-2%	2%
8	98	-1%	1%
9	95	-1%	3%
10	91	0%	6%
11	90	2%	7%
12	93	3%	2%
13	97	1%	-1%
14	95	4%	-2%
15	94	0%	-1%
16	92	2%	-6%

ATOM-03-SW-2.0-30-ENC-CL

3059 K

CRI: 98.2

CRI R9: 98.2

TM30 Rf: 94.8

TM30 Rg: 100.0

CQS: 95.2

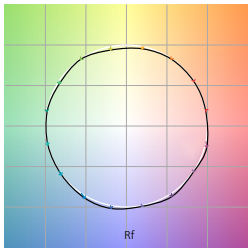
X: 0.435

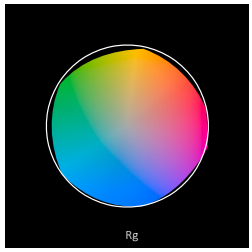
Y: 0.407

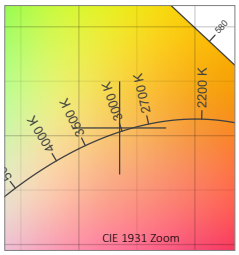
U: 0.248

V: 0.348

Δuv: 0.0015







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.5	98.4	94.3	99.6	98.3	97.0	99.0	99.0	98.2	94.2	98.5	82.1	99.4	95.9	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	97.3	92.0	92.2	94.8	96.5	96.3	98.0	96.1	95.9	96.0	96.3	96.7	97.9	96.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.8	98.2	97.0	94.9	93.7	97.3	94.3	97.8	94.4	90.5	90.6	93.6	97.0	94.7	93.8	91.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	0%	0%
2	98	0%	-1%
3	97	-1%	0%
4	95	-3%	-1%
5	94	-4%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	-1%	1%
9	94	0%	4%
10	90	0%	6%
11	91	3%	7%
12	94	3%	2%
13	97	1%	-1%
14	95	4%	-2%
15	94	0%	-1%
16	92	2%	-6%

ATOM-03-SW-4.0-30-ENC-CL

2999 K

CRI: 98.3

CRI R9: 96.7

TM30 Rf: 94.3

TM30 Rg: 99.7

CQS: 95.1

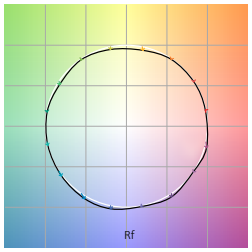
X: 0.439

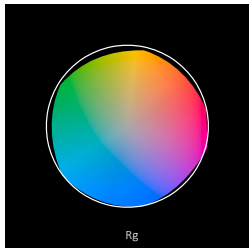
Y: 0.408

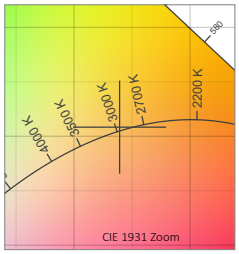
U: 0.250

V: 0.349

Δuv: 0.0014







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.5	98.6	95.4	99.5	98.3	97.5	99.1	98.7	96.7	95.1	98.6	82.0	99.4	96.5	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.0	97.0	92.2	92.1	94.4	96.3	96.6	98.0	96.2	95.6	95.9	96.3	96.9	97.6	95.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.2	98.0	97.0	93.0	94.9	97.1	93.1	97.2	93.5	90.2	90.4	93.4	96.6	94.2	93.1	91.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	-1%
3	97	-1%	0%
4	93	-4%	-2%
5	95	-3%	1%
6	97	-1%	1%
7	93	-3%	3%
8	97	-1%	2%
9	94	0%	4%
10	90	1%	7%
11	90	3%	7%
12	93	4%	1%
13	97	1%	-2%
14	94	3%	-3%
15	93	0%	-1%
16	91	2%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-10-24

MICRO 5 ATOM-ENCAPSULATED-SW(03)

Linear Fixtures Color Data

ATOM-03-SW-1.0-30-ENC-TL

3085 K

CRI: 94.6

CRI R9: 84.8

TM30 Rf: 93.5

TM30 Rg: 101.3

CQS: 92.8

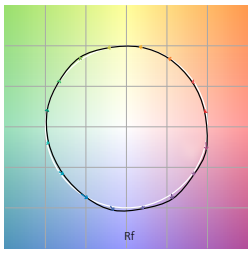
X: 0.434

Y: 0.408

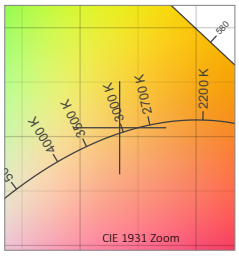
U: 0.247

V: 0.348

Δuv: 0.0020







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.9	94.5	91.7	96.3	94.2	92.0	97.4	95.2	84.8	85.8	95.9	75.6	95.2	94.5	94.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.2	97.7	87.5	89.2	92.4	91.7	91.1	95.3	95.1	93.5	93.9	95.0	95.9	94.2	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	96.2	92.6	94.3	93.7	94.8	95.4	96.8	95.9	90.1	87.4	91.2	95.4	92.9	93.7	90.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-2%	-1%
2	96	-2%	1%
3	93	-1%	4%
4	94	0%	3%
5	94	0%	3%
6	95	3%	1%
7	95	0%	-2%
8	97	0%	-2%
9	96	-2%	1%
10	90	-3%	5%
11	87	0%	9%
12	91	4%	4%
13	95	3%	1%
14	93	5%	-2%
15	94	2%	-3%
16	90	2%	-8%

ATOM-03-SW-2.0-30-ENC-TL

3090 K

CRI: 94.6

CRI R9: 85.9

TM30 Rf: 93.0

TM30 Rg: 101.2

CQS: 92.6

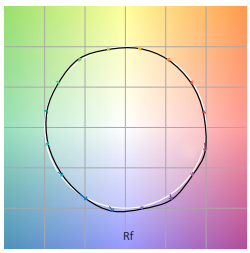
X: 0.433

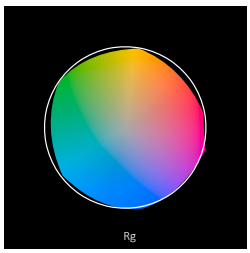
Y: 0.407

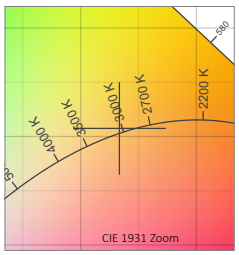
U: 0.247

V: 0.348

Δuv: 0.0018







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.9	94.7	91.3	96.2	94.0	91.7	97.6	95.6	85.9	85.7	95.4	73.8	95.3	94.2	95.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.5	97.7	86.7	87.9	91.8	91.8	91.2	95.2	94.9	93.4	93.8	95.0	95.9	94.5	95.0
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	96.2	92.7	94.2	92.9	95.5	94.8	97.3	95.0	88.4	86.1	90.3	95.4	92.2	93.3	89.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-2%	-1%
2	96	-2%	1%
3	93	-1%	3%
4	94	-1%	3%
5	93	-1%	3%
6	95	3%	0%
7	95	0%	-1%
8	97	-1%	-1%
9	95	-2%	2%
10	88	-2%	6%
11	86	1%	10%
12	90	5%	5%
13	95	3%	1%
14	92	6%	-2%
15	93	2%	-3%
16	89	3%	-9%

ATOM-03-SW-4.0-30-ENC-TL

3075 K

CRI: 95.2

CRI R9: 87.6

TM30 Rf: 93.0

TM30 Rg: 101.6

CQS: 92.6

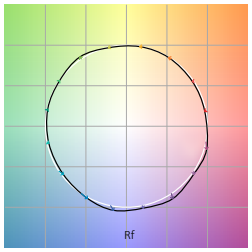
X: 0.433

Y: 0.404

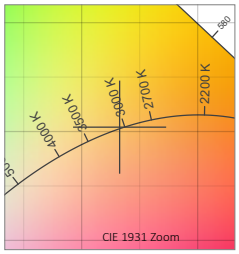
U: 0.248

V: 0.347

Δuv: 0.0006







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.4	95.4	92.2	96.2	94.7	92.7	97.7	95.9	87.6	87.5	95.5	75.9	95.9	94.8	95.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
95.7	97.7	86.6	87.8	92.0	92.0	90.4	94.5	95.3	93.2	93.9	95.2	96.2	95.1	95.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.7	96.2	92.3	94.1	93.0	95.1	94.7	97.1	95.2	88.7	86.4	90.3	95.3	92.2	93.4	89.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-2%	-1%
2	96	-2%	1%
3	92	-1%	4%
4	94	0%	3%
5	93	-1%	3%
6	95	3%	0%
7	95	0%	-1%
8	97	-1%	-2%
9	95	-2%	2%
10	89	-2%	6%
11	86	1%	9%
12	90	5%	5%
13	95	3%	1%
14	92	6%	-2%
15	93	2%	-3%
16	89	3%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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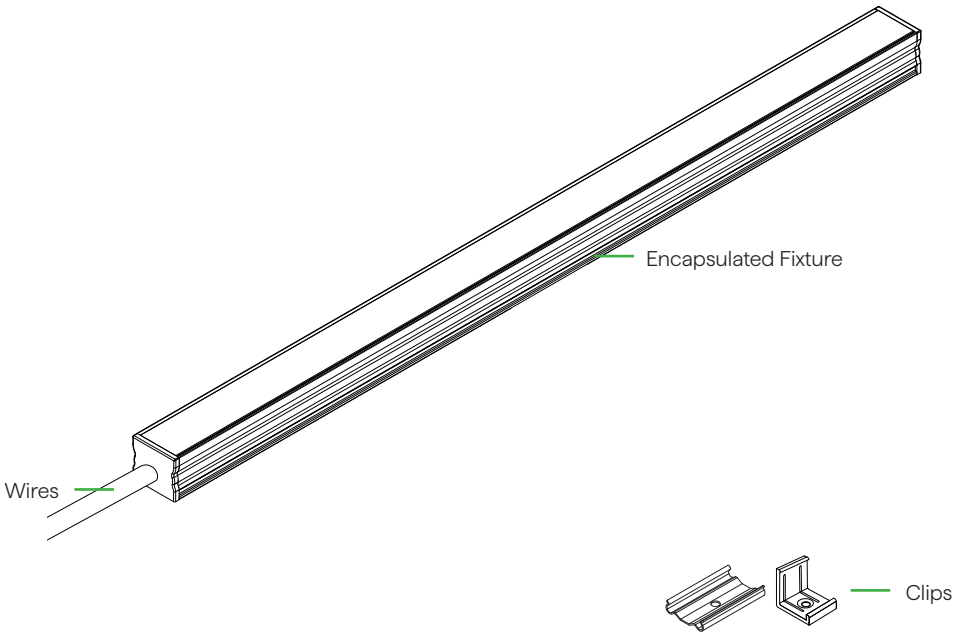
Specification subject to change. Rev-03-10-24

MATERIAL RECYCLING

ENCAPSULATED LINEAR FIXTURES

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	40
Plastic Clips	Encapsulated Fixture Wires	Stainless Steel Clips

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