



MICRO 5 ATOM-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed



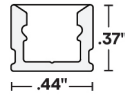
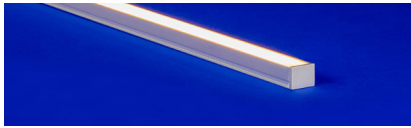
410.2 & 410.16
Closet Rated
in 1.0-2.0W/ft



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

ADDITIONAL INFORMATION REQUIRED TO ORDER

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

1.01.0W/ft

2.02.0W/ft

4.04.0W/ft

3

CCT

242400K

272700K

303000K

353500K

404000K

4

RATED

ENCIP67

5

LENS

CLClear

TLTranslucent

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)

S1End Feed

S2Bottom Feed

S3Left Side Feed

S4Right Side Feed

For continuous mounting, consider bottom feed.

PASS THROUGH (Input/output)

P1End Feed

P2Bottom Feed

P3Left Side Feed

P4Right Side Feed

For continuous mounting, consider bottom feed.

7

CONNECTOR/WIRE IN

BWBare Wire (Standard 24")

BRLBarrel

CON6Connector 6"

CON24Connector 24"

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

BWBare Wire (Standard 24")

BRLBarrel

CON6Connector 6"

CON24Connector 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)

BWBare Wire (Standard 24")

BRLBarrel

CON6Connector 6"

CON24Connector 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

WHWhite

BKBlack

N/AFor Barrel

10

WIRE TYPE

CL2Class 2

CL2PPlenum Rated

N/AFor Barrel

CL2P only available with bare wire leads (BW)

11

MOUNTING

SSTStainless Steel

12

FINISH

STSatin

BKBlack

CUCustom

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

EExact specified length

OOptimal illumination

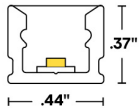
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



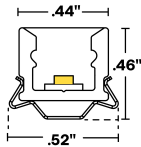
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24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



Profile



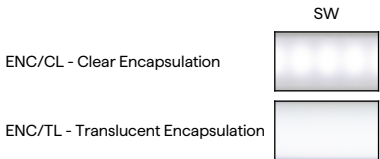
Profile with stainless steel mounting clip

2 DELIVERED LUMENS

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

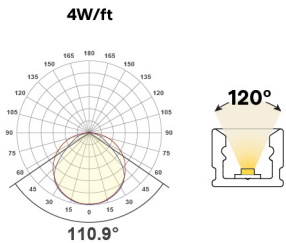
	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
CL	34	97	91	98	202	98
TL	28	95	74	95	163	95

5 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

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





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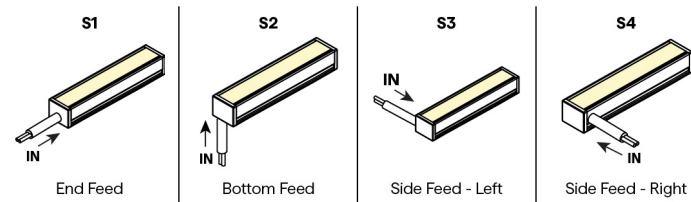
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

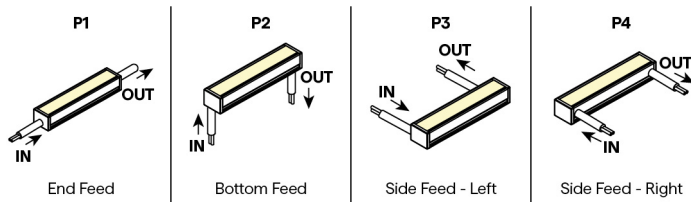
	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	135°F	-4°F	115°F

6 WIRE INPUT/OUTPUT

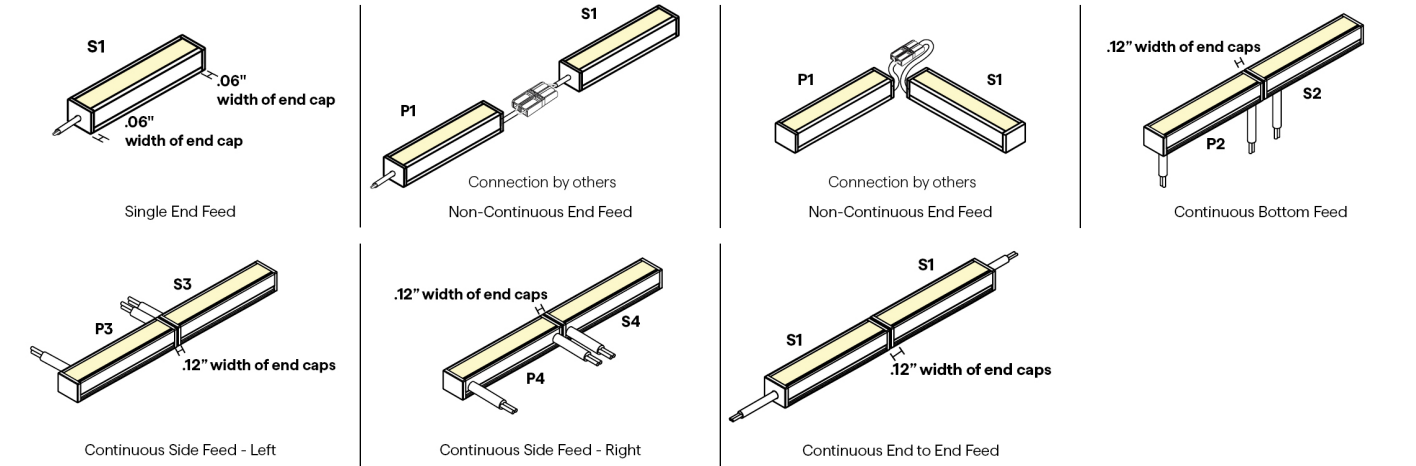
SINGLE (Input only)



PASS THROUGH (Input/Output)

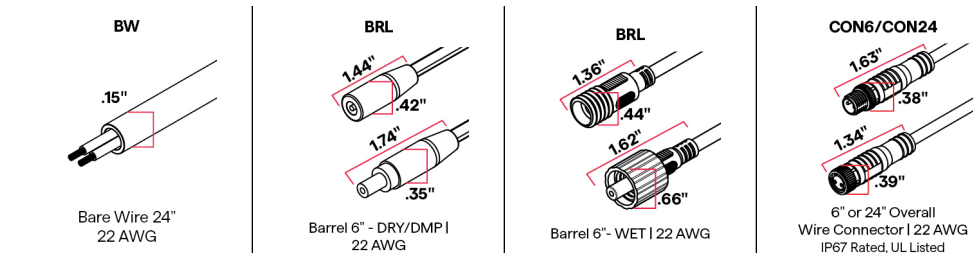


CONFIGURATION OPTIONS



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



9 WIRE COLOR



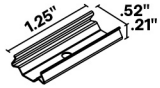


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11 MOUNTING

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.





MICRO 5 ATOM-ENCAPSULATED (03) STATIC WHITE

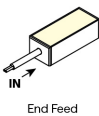
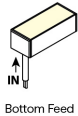
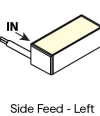
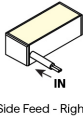
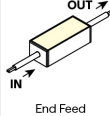
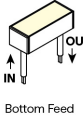
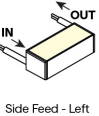
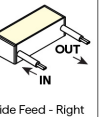
24VDC Linear Fixtures - Surface & Recessed

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"	

14

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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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-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+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	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



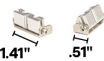
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DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-SW	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-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-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-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



1.41" .51"


Adjustable mounting bracket - Small

QUOVA-MICRO



QUOVA Knife Edge


VHB



Double sided mounting tape

COMPATIBLE WIRING ACCESSORIES

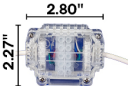
Q-mini-J



2" 1.25"

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


Q-mini-J5



2.80" 2.27"


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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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