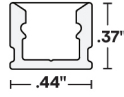
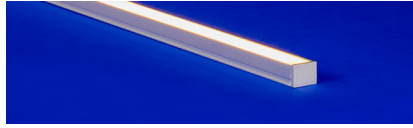




# MICRO 5 ATOM-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed



- 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
- Used in applications to provide warmer CCTs as the light is dimmed
- When using DALI and DMX power supplies, LED wattage must be doubled



1	2	3	4	5	6	7	8	9	10	11	12	13	14
PRODUCT	WATTS/FT	CCT	RATED	LENS	WIRE INPUT/OUTPUT	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/OPTIMAL
	2.0		ENC	TL						SST			

Sample Part Number: **ATOM-03-DW-2.0-24/30-ENC-TL-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

1

PRODUCT

ATOM-03-DW  
ATOM-03-DW-USA

Select USA option for BAA and BABA projects.

LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.

2

WATTS/FT

2.02.0W/ft

3

CCT

24/302400K/3000K  
27/402700K/4000K

4

RATED

ENCIP67

5

LENS

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

S1Single 1 (Input only) - End Feed  
S2Single 2 (Input only) - Bottom Feed  
S3Single 3 (Input only) - Left Side Feed  
S4Single 4 (Input only) - Right Side Feed

For continuous mounting, consider bottom feed.

P1Pass Through 1 (Input/output) - End Feed  
P2Pass Through 2 (Input/output) - Bottom Feed  
P3Pass Through 3 (Input/output) - Left Side Feed  
P4Pass Through 4 (Input/output) - Right Side Feed

For continuous mounting, consider bottom feed.

7

CONNECTOR/WIRE IN

BWBare Wire (Standard 24")  
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")  
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

CLSClosed End (No feed)

BWBare Wire (Standard 24")  
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

10

WIRE TYPE

CL2Class 2  
CL2PPlenum Rated

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

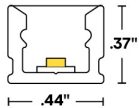
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



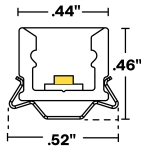
# MICRO 5 ATOM-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

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-DW-2.0-\*\*-ENC

	2400K		2700K		3000K		4000K	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
TL	79	93	86	93	83	95	91	97

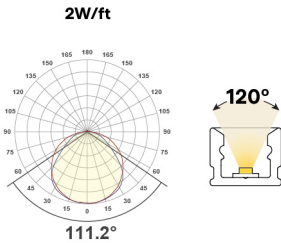
## 5 DIODE VISIBILITY



ENC/TL - Translucent encapsulation

## PHOTOMETRIC PERFORMANCE

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



ENC/CL at 3000K

## TEMPERATURE RATINGS

	DW 2.0 W/FT		DW 4.0 W/FT	
	QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	135°F	-4°F	115°F

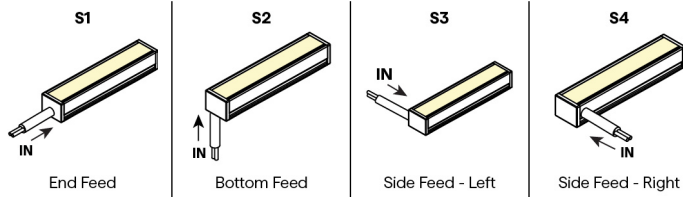


# MICRO 5 ATOM-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

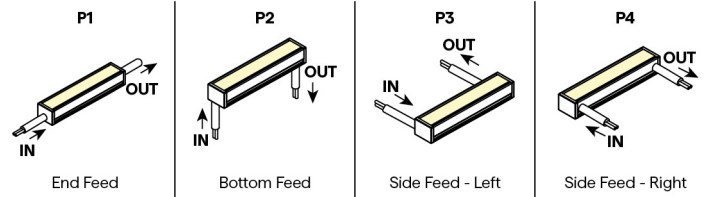
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

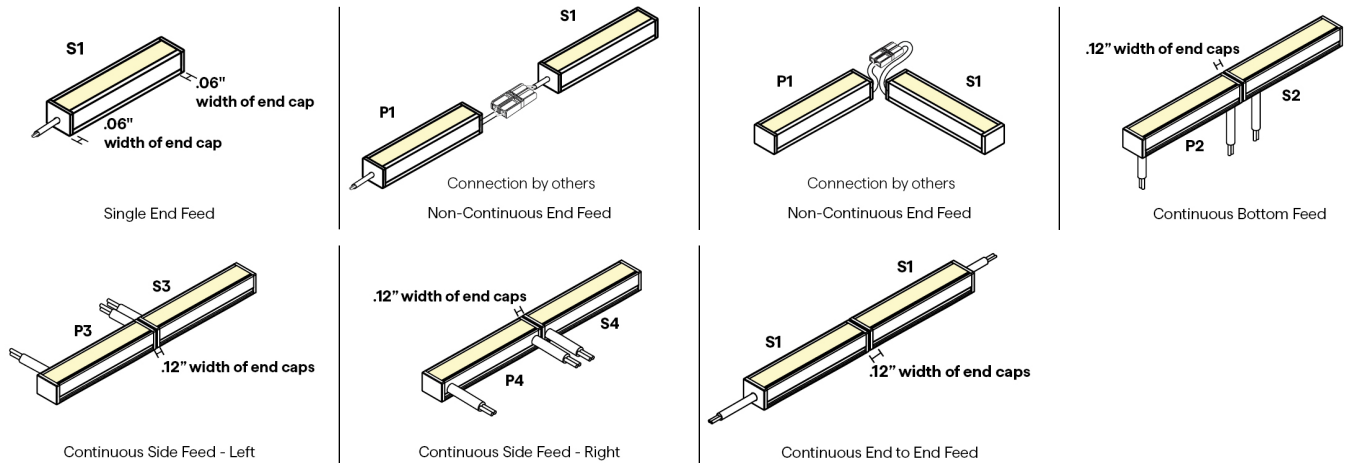
SINGLE (Input only)



PASS THROUGH (Input/Output)

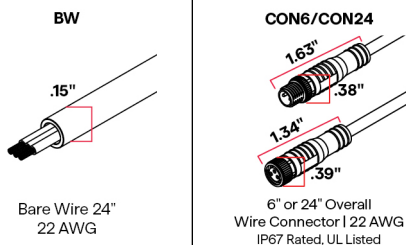


## CONFIGURATION OPTIONS



## 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





# MICRO 5 ATOM-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

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.





# MICRO 5 ATOM-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

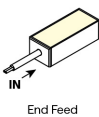
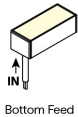
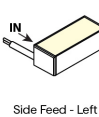
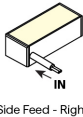
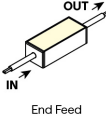
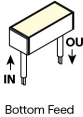
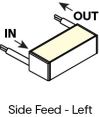
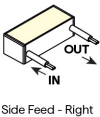
24VDC Linear Fixtures - Surface & Recessed

## DW ENC LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

### OPTIMAL LENGTH

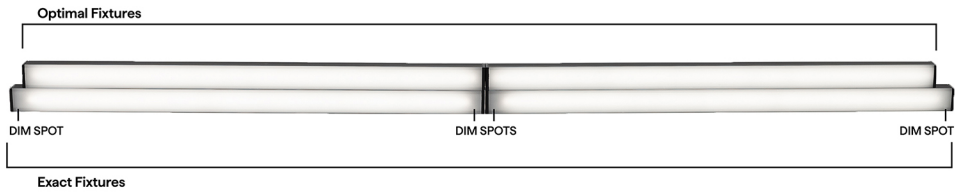
Requested Nominal Length	S1 & S2 & S3 & S4				P1 & P2 & P3 & P4			
								
12"	10.48"				10.83"			
13"	12.48"				12.83"			
14"	12.48"				12.83"			
15"	14.48"				14.83"			
16"	14.48"				14.83"			
17"	16.48"				16.83"			
18"	16.48"				16.83"			
19"	18.48"				18.83"			
20"	18.48"				18.83"			
21"	20.48"				20.83"			
22"	20.48"				20.83"			
23"	22.48"				22.83"			
24"	22.48"				22.83"			
36"	34.48"				34.83"			
48"	46.48"				46.83"			
60"	58.48"				58.83"			
72"	70.48"				70.83"			
84"	82.48"				82.83"			
96"	94.48"				94.83"			

## 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.





# MICRO 5 ATOM-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE POWER SUPPLIES

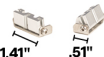
See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	OUTDOOR
	MICRO 5-DW Warm Dim Applications	MICRO 5-DW Warm Dim Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DMX QZ-DW	Q-SET-QZ-DW QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+WD QZ-DMX QZ-DW
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with WD App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-DW Warm Dim Applications	MICRO 5-DW Warm Dim Applications
Phase	QZ-DW	Q-SET-QZ-DW QZ-DW
0-10V	QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	Q-SET-QZ-DW QOM-eLED+WD QZ-DW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-AWN	
DMX LED wattage must be doubled for DW-HE products	QZ-DMX	QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6	QOM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with WD App Dongle	

## COMPATIBLE MOUNTING ACCESSORIES

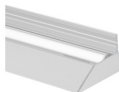
HINGE - HMB-S



1.41"  
.51"


Adjustable mounting bracket - Small

QUOVA-MICRO



QUOVA Knife Edge

VHB



Double sided mounting tape

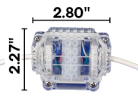


# MICRO 5 ATOM-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



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

## COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

## COMPATIBLE APPS

NFC APP



Read and write  
DMX addresses and  
adjust voltage