



# MICRO 5 ALTA-ENCAPSULATED (03) STATIC WHITE

## 24VDC Linear Fixtures - Surface & Recessed



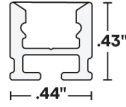
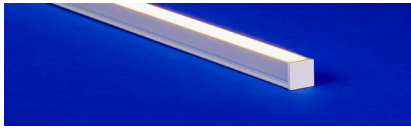
410.2 & 410.16  
Closet Rated  
in 1.0-2.0W/ft



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
- 55% smaller than ESSENTIALS-TALO
- Delivers equivalent efficacy as standard size fixtures
- Ideal for surface mounted or recessed installations that call for low-profile light in small areas
- Mounting options include stainless steel or magnet 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

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

<b>1</b> <b>PRODUCT</b> <b>ALTA-03-SW</b> <b>ALTA-03-SW-USA</b>  Select USA option for BAA and BABA projects.  See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b>  <table><tr><td>1.0</td><td>1.0W/ft</td></tr><tr><td>2.0</td><td>2.0W/ft</td></tr><tr><td>4.0</td><td>4.0W/ft</td></tr></table>	1.0	1.0W/ft	2.0	2.0W/ft	4.0	4.0W/ft	<b>3</b> <b>CCT</b>  <table><tr><td>24</td><td>2400K</td></tr><tr><td>27</td><td>2700K</td></tr><tr><td>30</td><td>3000K</td></tr><tr><td>35</td><td>3500K</td></tr><tr><td>40</td><td>4000K</td></tr></table>	24	2400K	27	2700K	30	3000K	35	3500K	40	4000K	<b>4</b> <b>RATED</b>  ENC IP67	<b>5</b> <b>LENS</b>  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						
1.0	1.0W/ft																									
2.0	2.0W/ft																									
4.0	4.0W/ft																									
24	2400K																									
27	2700K																									
30	3000K																									
35	3500K																									
40	4000K																									
<b>6</b> <b>WIRE INPUT/OUTPUT</b>  <b>SINGLE (Input only)</b> <b>S1</b> End Feed <b>S2</b> Bottom Feed  For continuous mounting, consider bottom feed.  <b>PASS THROUGH (Input/output)</b> <b>P1</b> End Feed <b>P2</b> Bottom Feed  For continuous mounting, consider bottom feed.	<b>7</b> <b>CONNECTOR/WIRE IN</b>  <table><tr><td>BW</td><td>Bare Wire (Standard 24")</td></tr><tr><td>BRL</td><td>Barrel</td></tr><tr><td>CON6</td><td>Connector 6"</td></tr><tr><td>CON24</td><td>Connector 24"</td></tr></table> BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)  <table><tr><td>BW</td><td>Bare Wire (Standard 24")</td></tr><tr><td>BRL</td><td>Barrel</td></tr><tr><td>CON6</td><td>Connector 6"</td></tr><tr><td>CON24</td><td>Connector 24"</td></tr></table> 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	Bare Wire (Standard 24")	BRL	Barrel	CON6	Connector 6"	CON24	Connector 24"	<b>8</b> <b>CONNECTOR/WIRE OUT</b>  CLS Closed End (No feed)  <table><tr><td>BW</td><td>Bare Wire (Standard 24")</td></tr><tr><td>BRL</td><td>Barrel</td></tr><tr><td>CON6</td><td>Connector 6"</td></tr><tr><td>CON24</td><td>Connector 24"</td></tr></table> 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	Bare Wire (Standard 24")																									
BRL	Barrel																									
CON6	Connector 6"																									
CON24	Connector 24"																									
BW	Bare Wire (Standard 24")																									
BRL	Barrel																									
CON6	Connector 6"																									
CON24	Connector 24"																									
BW	Bare Wire (Standard 24")																									
BRL	Barrel																									
CON6	Connector 6"																									
CON24	Connector 24"																									
<b>9</b> <b>WIRE COLOR</b>  WH White BK Black N/A For Barrel	<b>10</b> <b>WIRE TYPE</b>  CL2 Class 2 CL2P Plenum Rated N/A For Barrel  CL2P only available with bare wire leads (BW)	<b>11</b> <b>MOUNTING</b>  SST Stainless Steel MG Magnet	<b>12</b> <b>FINISH</b>  ST Satin BK Black CU Custom  Custom finishes require a longer lead time, consult factory	<b>13</b> <b>LENGTH (IN)</b>  Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".	<b>14</b> <b>EXACT/OPTIMAL</b>  E Exact specified length O Optimal illumination  Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end.																					

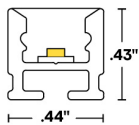
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



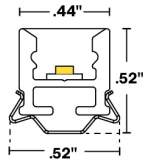
# MICRO 5 ALTA-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

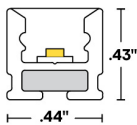
## 1 PRODUCT - DIMENSIONS



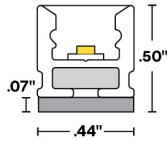
Profile



Profile with stainless steel mounting clip



Profile with magnet mounting clip



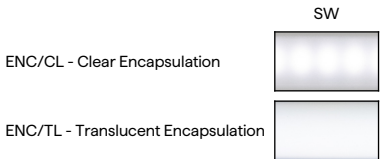
Profile with magnet mount accessory

## 2 DELIVERED LUMENS

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

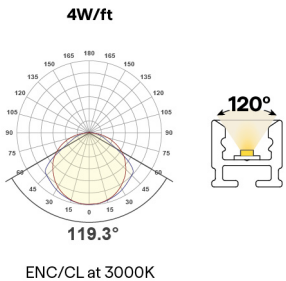
	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
CL	39	98	103	98	228	98
TL	32	95	84	94	191	95

## 5 DIODE VISIBILITY



## PHOTOMETRIC PERFORMANCE

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





# MICRO 5 ALTA-ENCAPSULATED (03) STATIC WHITE

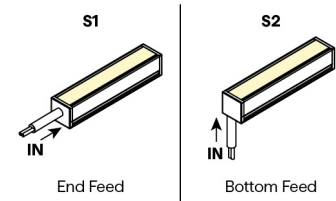
24VDC Linear Fixtures - Surface & Recessed

## TEMPERATURE RATINGS

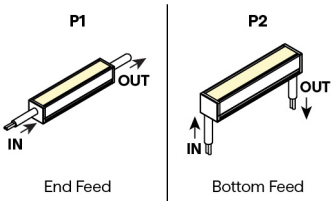
	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Recessed	**	**	**	**	**	**
Ambient Operating Temp - Surface	-4°F	140°F	-4°F	135°F	-4°F	115°F

## 6 WIRE INPUT/OUTPUT

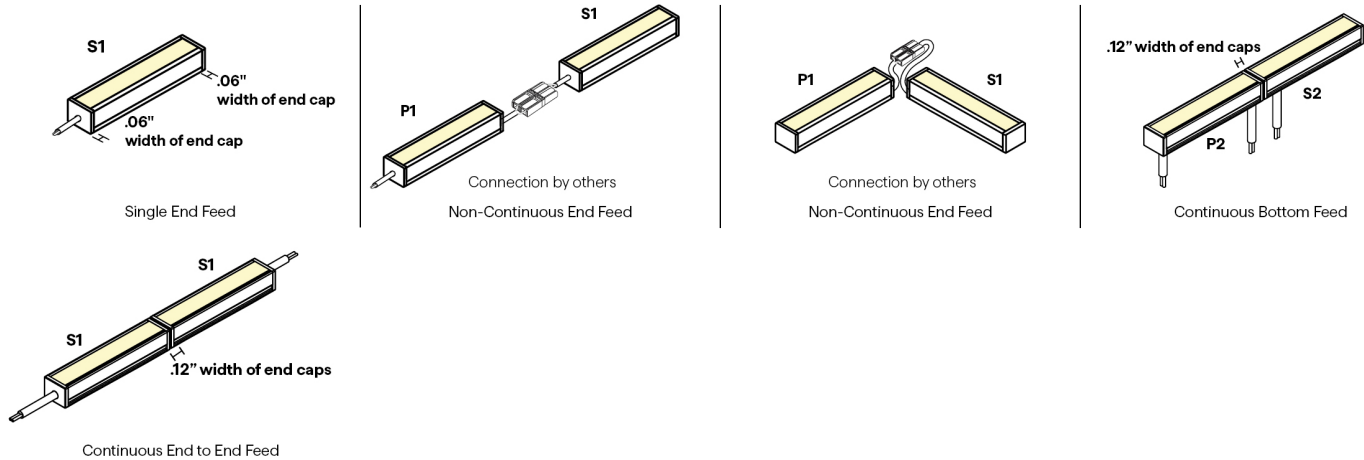
SINGLE (Input only)



PASS THROUGH (Input/Output)

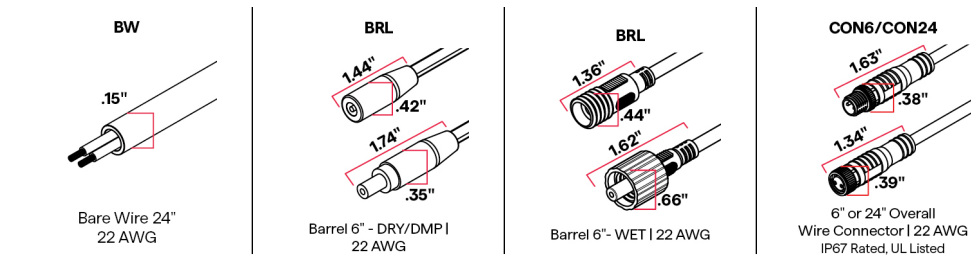


## CONFIGURATION OPTIONS



## 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





# MICRO 5 ALTA-ENCAPSULATED (03) STATIC WHITE

## 24VDC Linear Fixtures - Surface & Recessed

### 11 MOUNTING

SST	MG	MMA-03
Stainless Steel Clip	Magnet Clip	Magnet Mount Accessory for MG-03
2 pieces of hardware provided for 4' or less; 4 pieces provided for greater than 4'	One MG provided per foot	96" lengths   Sold separately, to order use MMA-03
To order separately use SST-08	To order separately use MG-03	Each bracket comes with 2 #6 x 5/8" Flat Head SS per foot
Each clip comes with a #4 x 5/8" Flat Head SS		Required when mounting to a non-magnetic surface

### 12 FINISH



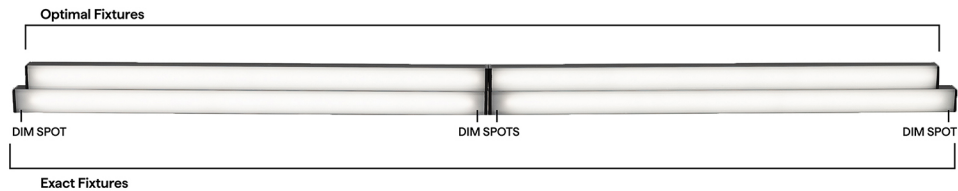
Custom finishes require a longer lead time, consult factory

### 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 ALTA-ENCAPSULATED (03) STATIC WHITE

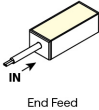
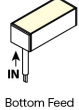
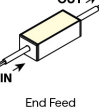
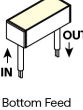
## 24VDC Linear Fixtures - Surface & Recessed

### SW ENC LENGTHS BY INCH

#### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture <div>S1 </div>
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

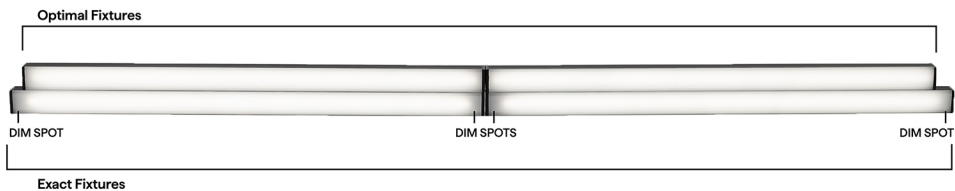
Requested Nominal Length	S1 & S2		P1 & P2	
	<div>S1 </div>	<div>S2 </div>	<div>P1 </div>	<div>P2 </div>
12"	11.38"		11.63"	
13"	12.38"		12.63"	
14"	13.38"		13.63"	
15"	14.38"		14.63"	
16"	15.38"		15.63"	
17"	16.38"		16.63"	
18"	17.38"		17.63"	
19"	18.38"		18.63"	
20"	19.38"		19.63"	
21"	20.38"		20.63"	
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.





# MICRO 5 ALTA-ENCAPSULATED (03) STATIC WHITE

## 24VDC Linear Fixtures - Surface & Recessed

### SW ENC LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

EXACT LENGTH		OPTIMAL LENGTH		
Requested Length	Potential dim spot on either end of fixture	Requested Nominal Length	<div><div>S1</div><div>S2</div></div>	<div><div>P1 &amp; P2</div></div>
12"	.5"	12"	<div><div>End Feed</div></div>	11.63"
13"	.5"	13"		12.63"
14"	.5"	14"		13.63"
15"	.5"	15"		14.63"
16"	.5"	16"		15.63"
17"	.5"	17"		16.63"
18"	.5"	18"		17.63"
19"	.5"	19"		18.63"
20"	.5"	20"		19.63"
21"	.5"	21"		20.63"
22"	.5"	22"		21.63"
23"	.5"	23"		22.63"
24"	.5"	24"		23.63"
36"	.5"	36"		35.63"
48"	.5"	48"		47.63"
60"	.5"	60"		59.63"
72"	.5"	72"		71.63"
84"	.5"	84"		83.63"
96"	.5"	96"		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-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

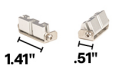

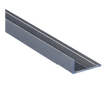
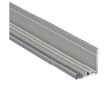
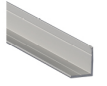


# MICRO 5 ALTA-ENCAPSULATED (03) STATIC WHITE


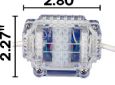





## 24VDC Linear Fixtures - Surface & Recessed

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-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

<b>HINGE - HMB-S</b>  1.41" .51" Adjustable mounting bracket - Small	<b>VHB</b>  Double sided mounting tape	<b>BL-MICRO</b>  Backwards L Mounting Bracket	<b>NL-MICRO</b>  L Mounting Bracket	<b>SD-L-MICRO</b>  L Mounting Bracket
---	---	--	--	--

### COMPATIBLE WIRING ACCESSORIES

<b>Q-mini-J</b>  1.25" 2" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>Q-mini-J5</b>  2.27" 2.80" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>BARREL-EXT</b>  8ft barrel cable extender DRY ONLY	<b>BARREL FOUR-FER</b>  Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	<b>CON120-EXT</b>  10ft Con cable extender DRY/DMP/WET	<b>CON FOUR-FER</b>  Splits lead from one to four LED Con connectors DRY/DMP/WET	<b>CON M - BARREL F</b>  Male con to barrel cable adaptor DRY/DMP
---	---	---	--	--	--	--



# MICRO 5 ALTA-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