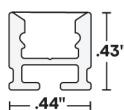




# MICRO 5 ALTA-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

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
- 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 clips, 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

## INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS
ALTA-03-DW	2.0		ENC	TL

## 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

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

<b>1</b> <b>PRODUCT</b>  ALTA-03-DW ALTA-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.	<b>2</b> <b>WATTS/FT</b>  2.0 2.0W/ft	<b>3</b> <b>CCT</b>  24/30 27/40 2400K/3000K 2700K/4000K	<b>4</b> <b>RATED</b>  ENC IP67	<b>5</b> <b>LENS</b>  TL Translucent  For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages
<b>6</b> <b>WIRE INPUT/OUTPUT</b>  SINGLE (Input only) S1 End Feed S2 Bottom Feed  For continuous mounting, consider bottom feed.	<b>7</b> <b>CONNECTOR/WIRE IN</b>  BW Bare Wire (Standard 24") 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)	<b>8</b> <b>CONNECTOR/WIRE OUT</b>  CLS Closed End (No feed)		
<b>9</b> <b>WIRE COLOR</b>  WH White BK Black  CL2P only available with bare wire leads (BW)	<b>10</b> <b>WIRE TYPE</b>  CL2 Class 2 CL2P Plenum Rated  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

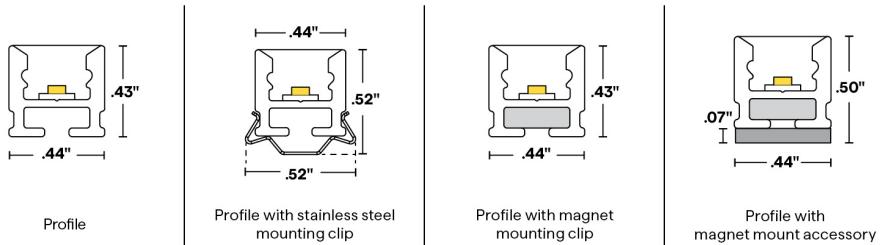
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



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## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with ALTA-03-DW-2.0-\*\*-ENC

	2400K		2700K		3000K		4000K	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
TL	94	93	97	93	99	94	91	97

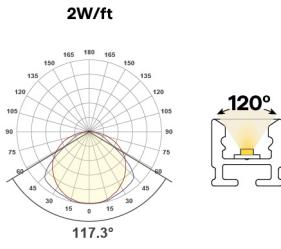
## 5 DIODE VISIBILITY



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			
QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
Min	Max	Min	Max
Ambient Operating Temp - Recessed	**	**	**
Ambient Operating Temp - Surface	-4°F	135°F	-4°F
			115°F

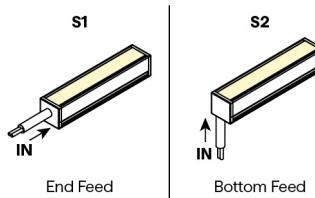


# MICRO 5 ALTA-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

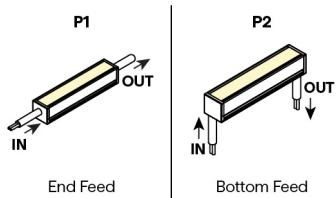
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

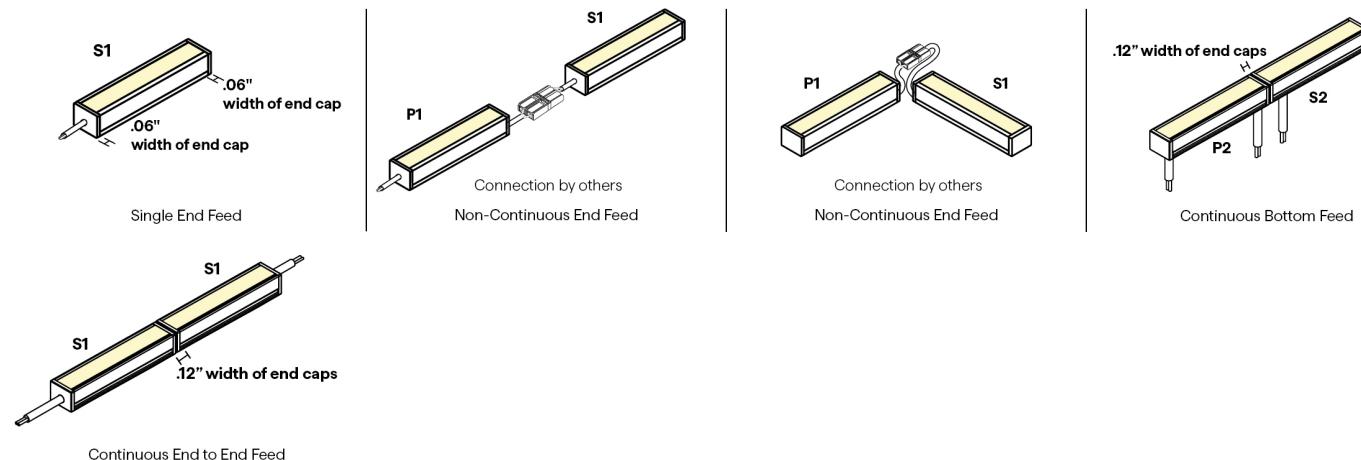
SINGLE (Input only)



PASS THROUGH (Input/Output)

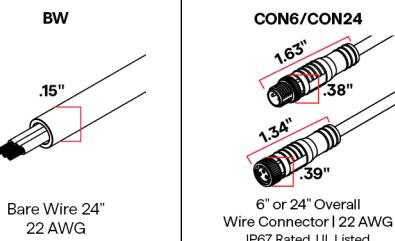


## CONFIGURATION OPTIONS



## 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

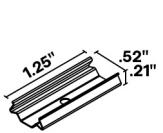
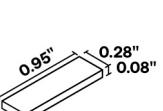
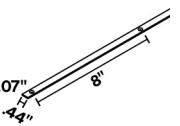




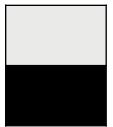
# MICRO 5 ALTA-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## 11 MOUNTING

SST	MG	MMA-03
 1.25" x .52" x .21"	 0.95" x 0.28" x 0.08"	 .07" x 8" x 4.7"
SST Stainless Steel Clip	MG Magnet Clip	MMA-03 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 To order separately use MG-03	96" lengths   Sold separately, to order use MMA-03
To order separately use SST-08 Each clip comes with a #4 x 5/8" Flat Head SS	Each bracket comes with 2 #6 x 5/8" Flat Head SS per foot	Required when mounting to a non-magnetic surface

## 12 FINISH



Satin

Black

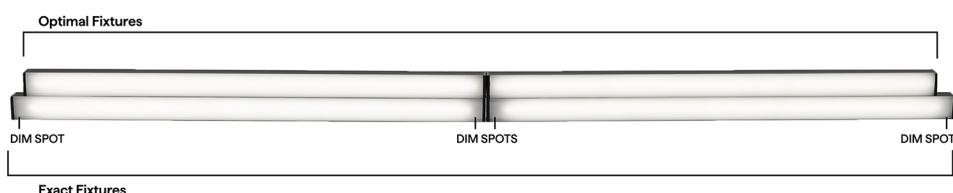
Custom finishes require a longer lead time, consult factory

## 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 ALTA-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

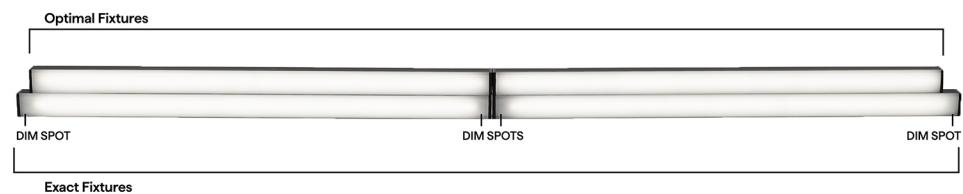
Requested Nominal Length	S1 & S2		P1 & P2	
	S1 End Feed	S2 Bottom Feed	P1 End Feed	P2 Bottom Feed
12"	10.48"		10.83"	
13"	12.48"		12.83"	
14"	12.48"		12.83"	
15"	14.48"		14.83"	
16"	14.48"		14.83"	
17"	16.48"		16.83"	
18"	16.48"		16.83"	
19"	18.48"		18.83"	
20"	18.48"		18.83"	
21"	20.48"		20.83"	
22"	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 ALTA-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	QZ-DMX	QZ-DMX
LED wattage must be doubled for DW-HE products		
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6	QOM-eLED+DALI-DT6
DALI-2: DT8	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

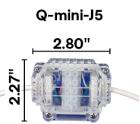
HINGE - HMB-S	VHB	BL-MICRO	NL-MICRO	SD-L-MICRO
1.41" x .51"	Double sided mounting tape	Backwards L Mounting Bracket	L Mounting Bracket	L Mounting Bracket
Adjustable mounting bracket - Small				



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## COMPATIBLE WIRING ACCESSORIES



UL Listed, miniature junction box, DRV/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