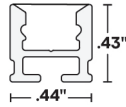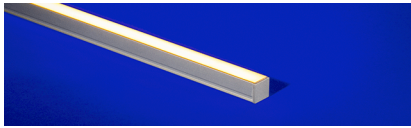# MICRO 5 ALTA-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

.43"
.44"

- Polyurethane filled MICRO 5 fixture with an IP67 and IK10 rating
- An encapsulated lens complements ALTA's modern and discreet design
- Ideal for surface mounted or recessed installations
- 55% smaller than Q-Tran's standard size fixture (TALO)

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

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

① PRODUCT

ALTA-03-DW

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

2.0   2.0W/ft

③ CCT

24/30   2400K/3000K
27/40   2700K/4000K

④ RATED

ENC   IP67

⑤ LENS

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

S1   Single 1 (Input only) - End Feed
S2   Single 2 (Input only) - Bottom Feed

For continuous mounting, consider bottom feed.
When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.

P1   Pass Through 1 (Input/output) - End Feed
P2   Pass Through 2 (Input/output) - Bottom Feed

For continuous mounting, consider bottom feed.
When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.

⑦ CONNECTOR/WIRE IN

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)

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)

⑧ CONNECTOR/WIRE OUT

CLS   Closed End (No feed)

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)

⑨ WIRE COLOR

WH   White
BK   Black

⑩ WIRE TYPE

CL2   Class 2
CL2P   Plenum Rated

CL2P only available with bare wire leads (BW)

⑪ MOUNTING

SST   Stainless Steel
MG   Magnet
TBC-09   9/16" Flat or Tegular TB-Grid
TBC-10   15/16" Flat or Tegular TB-Grid

⑫ FINISH

ST   Satin
BK   Black
CU   Custom

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

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.
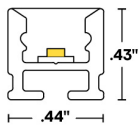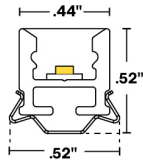
MICRO 5 ALTA-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS
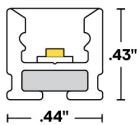
24VDC Linear Fixtures - Surface & Recessed

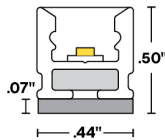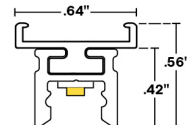## 1 PRODUCT - DIMENSIONS

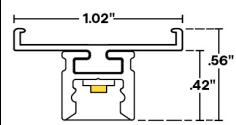| Profile	Profile with stainless steel mounting clip	Profile with magnet mounting clip	Profile with magnet mount accessory	Profile with TBC-09	Profile with TBC-10

2 DELIVERED LUMENS

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

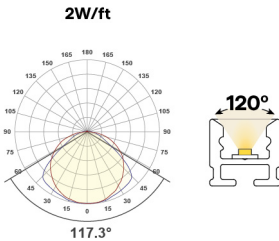|	2400K		2700K		3000K		4000K	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
TL	94	93	97	93	99	94	91	97

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.

2W/ft

120°

117.3°

ENC/CL at 3000K

TEMPERATURE RATINGS

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

6 WIRE INPUT/OUTPUT

SINGLE (Input only)
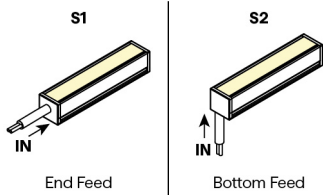
PASS THROUGH (Input/Output)

S1

S2

P1

P2

IN

IN

IN
OUT

IN
OUT

End Feed

Bottom Feed

End Feed

Bottom Feed

CONFIGURATION OPTIONS

S1

.06" width of end cap

.06" width of end cap

Single End Feed

S1

P1

Connection by others

Non-Continuous End Feed

P1

S1

Connection by others

Non-Continuous End Feed

.12" width of end caps

S1

S2

P2

Continuous Bottom Feed

S1

S1

.12" width of end caps

Continuous End to End Feed
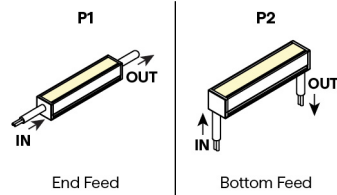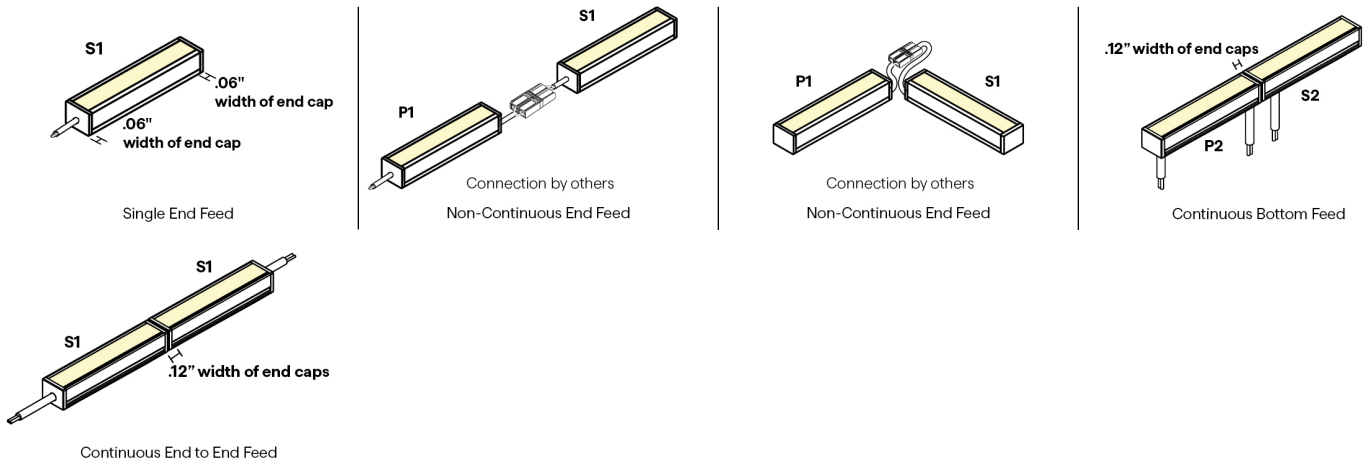
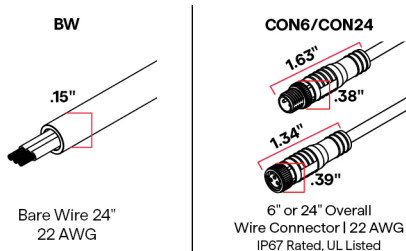## 7 / 8 CONNECTOR/WIRE – IN/OUT

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
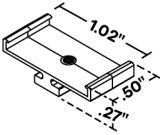
BW

.15"
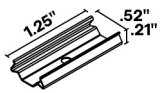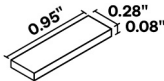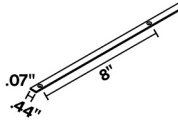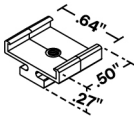
Bare Wire 24"
22 AWG

CON6/CON24

1.63"

.38"

1.34"

.39"

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

9 WIRE COLOR

White

Black

11 MOUNTING

| SST	MG	MMA-03	TBC-09	TBC-10
Stainless Steel Clip	Magnet Clip	Magnet Mount Accessory for MG-03	Plastic T-Bar Clip	Plastic T-Bar Clip
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	Use on 9/16" Flat or Tegular Drop Ceiling	Use on 15/16" Flat or Tegular Drop Ceiling
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	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length
Each clip comes with a #4 x 5/8" Flat Head SS		Required when mounting to a non-magnetic surface	To order separately use TBC-09	To order separately use TBC-10
			Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Each pair of clips comes with M2.5 x 4mm set screw and Allen key

SST: 1.25", .52", .21"
MG: 0.95", 0.28", 0.08"
MMA-03: .07", .44", 8"
TBC-09: .64", .50", .27"
TBC-10: 1.02", .50", .27"

12 FINISH

Satin

Black

14 EXACT/OPTIMAL FIXTURE LENGTH

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.
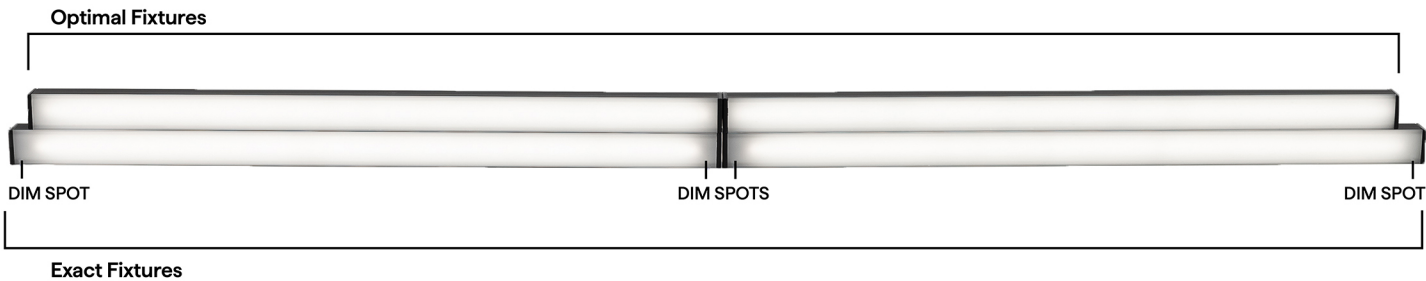
Optimal Fixtures

DIM SPOT   DIM SPOTS   DIM SPOT

Exact Fixtures

DW 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

Requested Length	Potential dim spot on either end of fixture
12"	1"
13"	.5"
14"	1"
15"	.5"
16"	1"
17"	.5"
18"	1"
19"	.5"
20"	1"
21"	.5"
22"	1"
23"	.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1 & S2		P1 & P2	
	S1 End Feed	S2 Bottom Feed	P1 End Feed	P2 Bottom Feed
12"	10.38"		10.63"	
13"	12.38"		12.63"	
14"	12.38"		12.63"	
15"	14.38"		14.63"	
16"	14.38"		14.63"	
17"	16.38"		16.63"	
18"	16.38"		16.63"	
19"	18.38"		18.63"	
20"	18.38"		18.63"	
21"	20.38"		20.63"	
22"	20.38"		20.63"	
23"	22.38"		22.63"	
24"	22.38"		22.63"	
36"	34.38"		34.63"	
48"	46.38"		46.63"	
60"	58.38"		58.63"	
72"	70.38"		70.63"	
84"	82.38"		82.63"	
96"	94.38"		94.63"	

COMPATIBLE POWER SUPPLIES

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

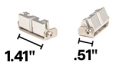| DIM TO LEVEL	INDOOR	OUTDOOR
	MICRO 5-DW Tunable Applications	MICRO 5-DW Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QTM-eLED+TW-AWN	Q-SET-QZ-DMX QOM-eLED+DALI-DT6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

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-DW Tunable Applications	**MICRO 5-DW Tunable Applications**
0-10V	QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+TW QTM-eLED+TW-AWN	QOM-eLED+TW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+TW-AWN	
DMX LED wattage must be doubled for DW-HE products		Q-SET-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 TW App Dongle	

COMPATIBLE MOUNTING ACCESSORIES
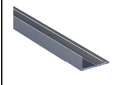

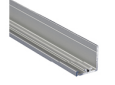**HINGE - HMB-S** — 1.41" / .51" — Adjustable mounting bracket - Small
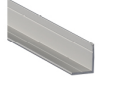
VHB — Double sided mounting tape

BL-MICRO — Backwards L Mounting Bracket

NL-MICRO — L Mounting Bracket

SD-L-MICRO — L Mounting Bracket

COMPATIBLE WIRING ACCESSORIES
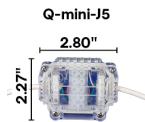
Q-mini-J5 — 2.80" / 2.27" — UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE — 1.36" / 2.58" — Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Read and write DMX addresses and adjust voltage