



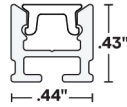
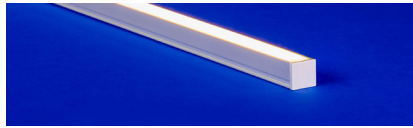
TEST MICRO CONFIG

24VDC Linear Fixtures - Surface & Recessed



Declare.

Red List Approved



- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- 55% smaller than ESSENTIALS-TALO
- Delivers equivalent efficacy as standard size fixtures
- Choose from diffused or frosted lens options for varying diode visibility and beam angles
- Ideal for surface mounted or recessed installations that call for low-profile light in small areas
- Mounting options include a clip or a concealed magnet, 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
- Consult factory for field assembly options

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
ALTA-01-SW													

Sample Part Number: **ALTA-01-SW-1.0-30-DRY-FR-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

1

PRODUCT

ALTA-01-SW

See following pages for compatible power supplies.

2

WATTS/FT

1.0

1.0W/ft

2.0

2.0W/ft

4.0

4.0W/ft

1.0

1.0W/ft

2.0

2.0W/ft

4.0

4.0W/ft

3

CCT

20

2000K

22

2200K

24

2400K

27

2700K

30

3000K

35

3500K

40

4000K

24

2400K

27

2700K

30

3000K

35

3500K

40

4000K

4

RATED

DRY

IP20

DMP

IP54

5

LENS

DF

Diffused

FR

Frosted

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")

BRL

Barrel

CON6

Connector 6"

CON24

Connector 24"

Connector/Wire In not needed to specify product. Typical selection is BW.

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"

Connector/Wire In not needed to specify product. Typical selection is BW.

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")

BRL

Barrel

CON6

Connector 6"

CON24

Connector 24"

Connector/Wire Out not needed to specify product. Typical selection is CLS or BW.

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

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WIRE COLOR

WH

White

BK

Black

N/A

For Barrel

10

WIRE TYPE

CL2

Class 2

CL2P

Plenum Rated

N/A

For Barrel

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)

Fixture length min 12", max 98.43" not including end caps.

Tolerance +0 - 1/8".

Consult factory for lengths under 12".

14

EXACT/OPTIMAL

E

Exact specified length

O

Optimal illumination

Exact fixtures are the exact length specified +0 - 1/8".

Optimal fixtures' length is rounded down with illumination end to end.

See Exact/Optimal Fixture Length charts.

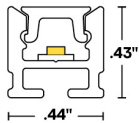
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Title 24 - JA8-2019 Static White Strip: All wattages, CCT and IP



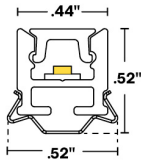
TEST MICRO CONFIG

24VDC Linear Fixtures - Surface & Recessed

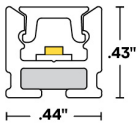
1 PRODUCT - DIMENSIONS



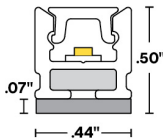
Profile with flat lens



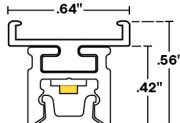
Profile with flat lens and stainless steel mounting clip



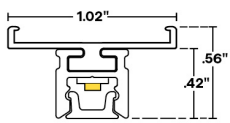
Profile with flat lens and magnet mounting clip



Profile with flat lens, magnet mount clip, and magnet mount accessory



Profile with TBC-09



Profile with TBC-10

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with ALTA-01-SW-**-30-DRY

	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
FR	79	97	158	98	323	98
DF	50	98	99	98	201	98

5 DIODE VISIBILITY

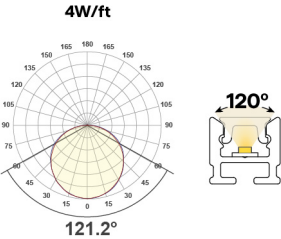


DF - Diffused lens

FR - Frosted lens

PHOTOMETRIC PERFORMANCE

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



DF lens at 3000K



TEST MICRO CONFIG

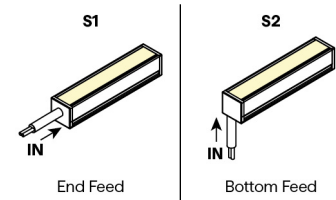
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

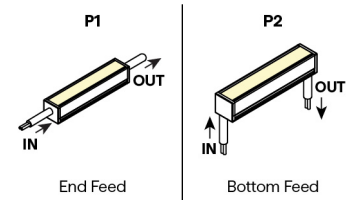
		1.0 W/FT		2.0 W/FT		4.0 W/FT	
		Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Recessed	**	**	**	**	**	**
	Ambient Operating Temp - Surface	-4°F	145°F	-4°F	140°F	-4°F	120°F
DMP	Ambient Operating Temp - Recessed	**	**	**	**	**	**
	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	135°F	-4°F	115°F

6 WIRE INPUT/OUTPUT

SINGLE (Input only)



PASS THROUGH (Input/Output)

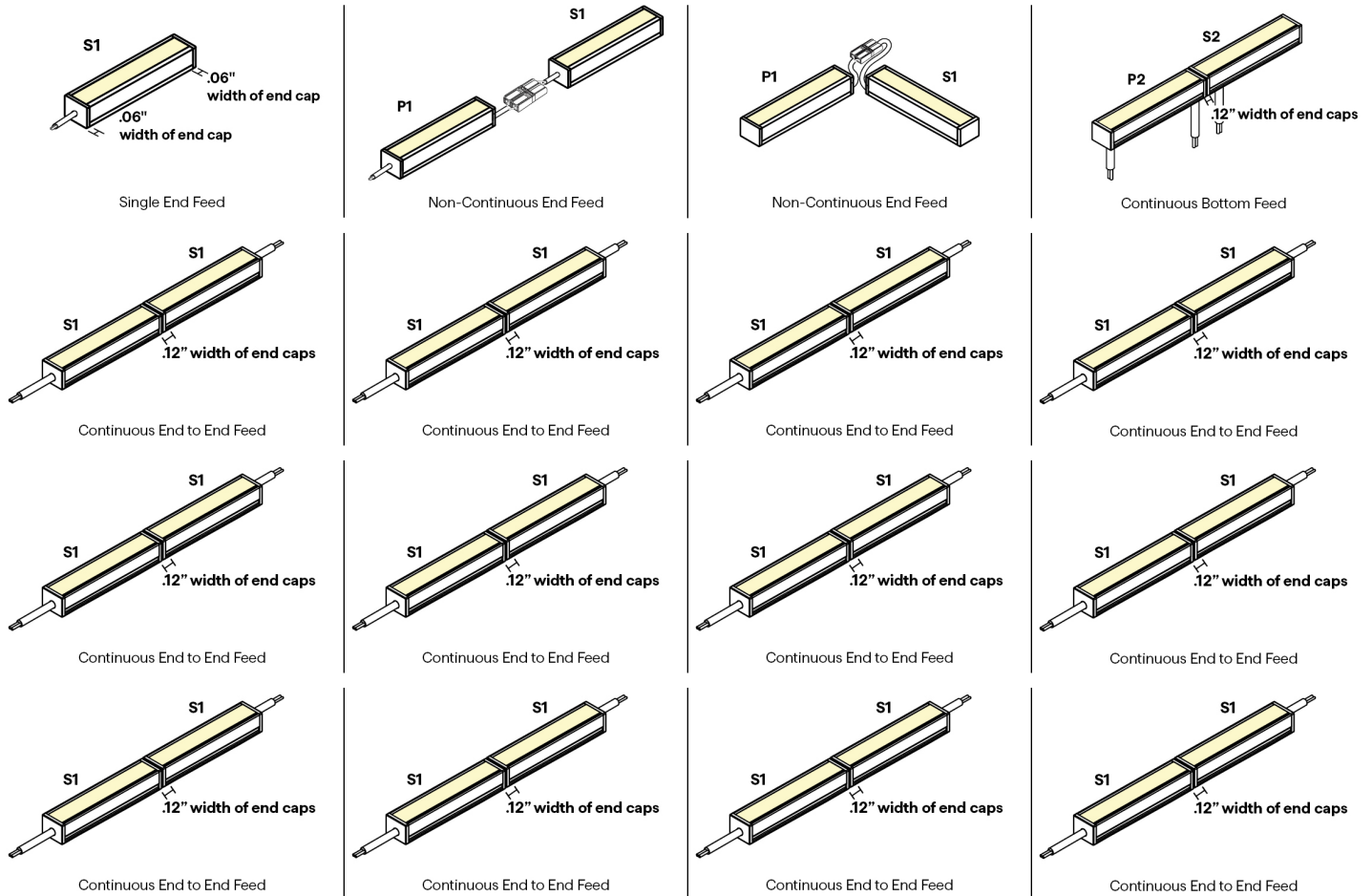




TEST MICRO CONFIG

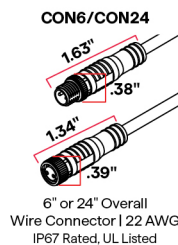
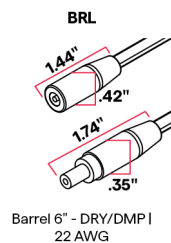
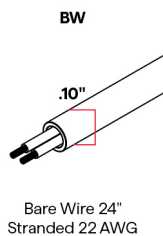
24VDC Linear Fixtures - Surface & Recessed

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





TEST MICRO CONFIG

24VDC Linear Fixtures - Surface & Recessed

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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

12

FINISH

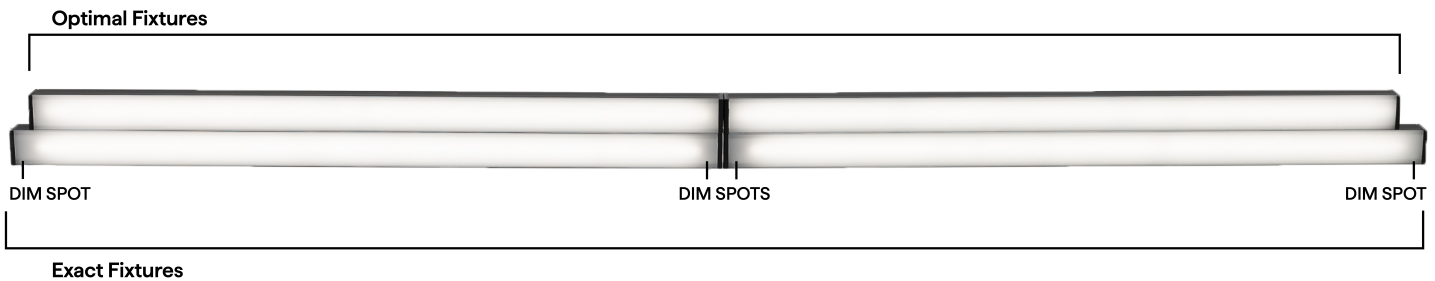


Custom color available

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.





TEST MICRO CONFIG

24VDC Linear Fixtures - Surface & Recessed

SW DRY DMP 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 & P2</div></div>
12"	.5"	12"	<div><div>End Feed</div></div>	11.625"
13"	.5"	13"		12.625"
14"	.5"	14"		13.625"
15"	.5"	15"		14.625"
16"	.5"	16"		15.625"
17"	.5"	17"		16.625"
18"	.5"	18"		17.625"
19"	.5"	19"		18.625"
20"	.5"	20"		19.625"
21"	.5"	21"		20.625"
22"	.5"	22"		21.625"
23"	.5"	23"		22.625"
24"	.5"	24"		23.625"
36"	.5"	36"		35.625"
48"	.5"	48"		47.625"
60"	.5"	60"		59.625"
72"	.5"	72"		71.625"
84"	.5"	84"		83.625"
96"	.5"	96"		95.625"

COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	MICRO 5-SW
Dim to Black	<div>Q6M-DC+CAP</div> <div>QTM-DC+CAP</div> <div>iQ-PH</div> <div>iQ-PH+QD1</div>
0.1%	<div>QT-CAB-QZ-PH/0-10V</div> <div>QT-CAB-eLED+0-10V</div> <div>QT-CAB-eLED+0-10V-AWN</div> <div>QTM-eLED+0-10V</div> <div>QTM-eLED+0-10V-AWN</div> <div>QZ-BOWTIE+DIMMER</div> <div>QZ-DMX</div> <div>QZ-PH/0-10V</div> <div>QZ-STICK-PH/0-10V</div> <div>QZLP</div>
1%	<div>QT-CAB-eLED+DALI-DT6</div> <div>QT-CAB-eLED+DALI-DT6-AWN</div> <div>QTM-eLED(E)</div> <div>QTM-eLED+DALI-DT6</div> <div>QTM-eLED+DALI-DT6-AWN</div> <div>QZ-DALI-DT6</div>
10%	Non-Dim Power Supply with SW App Dongle

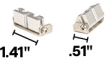


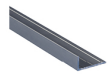




TEST MICRO CONFIG






24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR
	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-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 IQ-PH+QD1
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
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
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
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-S	VHB	NJ-MICRO	BL-MICRO	NL-MICRO	SD-L-MICRO
					
Adjustable mounting bracket - Small	Double sided mounting tape	J Mounting Bracket	Backwards L Mounting Bracket	L Mounting Bracket	L Mounting Bracket

COMPATIBLE WIRING ACCESSORIES

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



TEST MICRO CONFIG

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity

COMPATIBLE APPS

SCENE APP



Create and control
scenes and
automations