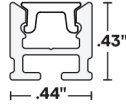
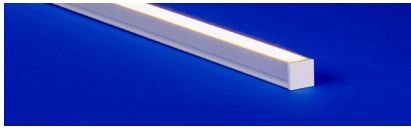




# MICRO 5 ALTA-FLAT (01) FOR WARM DIM APPLICATIONS

## 24VDC Linear Fixtures - Surface & Recessed



- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- 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
- Used in applications to provide warmer CCTs as the light is dimmed
- When using DALI and DMX power supplies, LED wattage must be doubled
- 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 |
|         | 2.0      |     | DRY   |      |                   |                   |                    |            |           |          |        |             |               |

Sample Part Number: **ALTA-01-DW-2.0-20/27-DRY-FR-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

1

PRODUCT

ALTA-01-DW  
ALTA-01-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

20/272000K/2700K  
20/302000K/3000K  
27/402700K/4000K  
27/552700K/5500K

4

RATED

DRYIP20

5

LENS

DFDiffused  
FRFrosted

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

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

P1Pass Through 1 (Input/output) - End Feed  
P2Pass 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  
CON6  
CON24

Bare Wire (Standard 24")  
Connector 6"  
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  
CON6  
CON24

Bare Wire (Standard 24")  
Connector 6"  
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  
CON6  
CON24

Bare Wire (Standard 24")  
Connector 6"  
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

WHWhite  
BKBlack

10

WIRE TYPE

CL2Class 2  
CL2PPlenum Rated

CL2P only available with bare wire leads (BW)

11

MOUNTING

SSTStainless Steel  
MGMagnet  
TBC-099/16" Flat or Tegular TB-Grid  
TBC-1015/16" Flat or Tegular TB-Grid

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

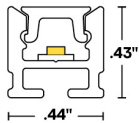
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



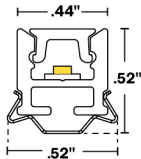
# MICRO 5 ALTA-FLAT (01) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

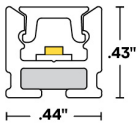
## 1 PRODUCT - DIMENSIONS



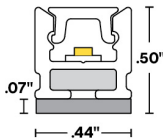
Profile with flat lens



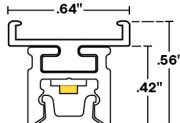
Profile with flat lens and stainless steel mounting clip



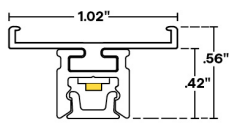
Profile with flat lens and magnet mounting clip



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-DW-2.0-\*\*-DRY

|    | 2000K |     | 2700K |     | 3000K |     | 4000K |     | 5500K |     |
|----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
|    | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| FR | 138   | 93  | 150   | 98  | 157   | 98  | 163   | 98  | 171   | 96  |
| DF | 89    | 94  | 96    | 98  | 97    | 98  | 102   | 98  | 108   | 97  |

## 5 DIODE VISIBILITY

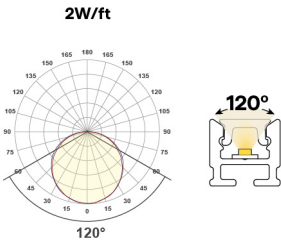


DF - Diffused lens

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

## 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   |
| DRY | Ambient Operating Temp - Recessed | **                                    | **    | **                                 | **    |
|     | Ambient Operating Temp - Surface  | -4°F                                  | 140°F | -4°F                               | 120°F |

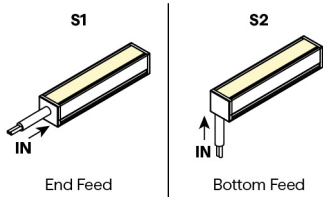


# MICRO 5 ALTA-FLAT (01) FOR WARM DIM APPLICATIONS

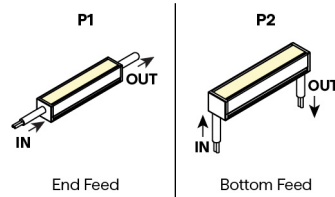
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

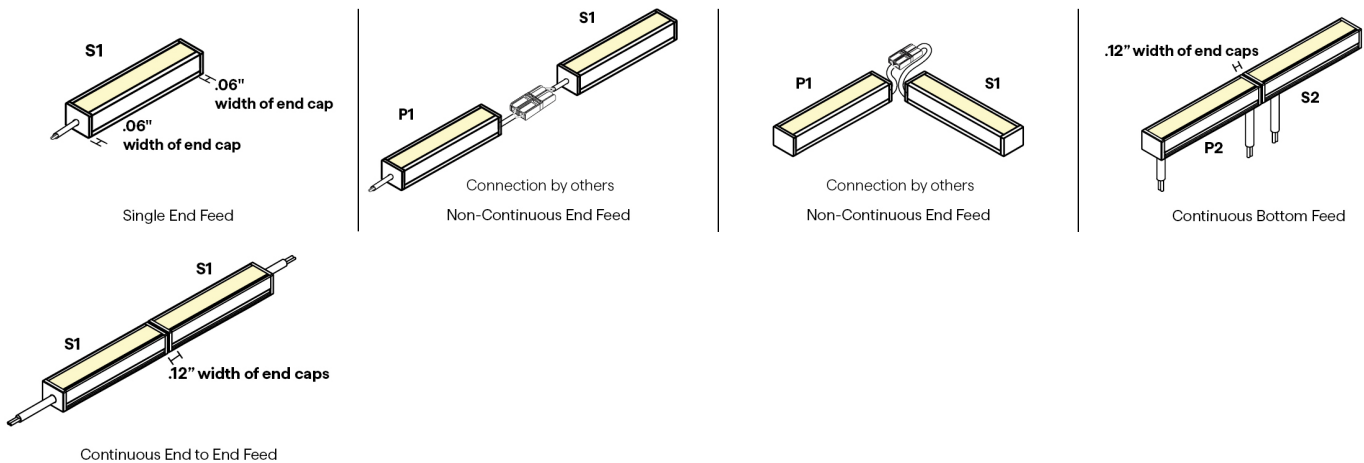
SINGLE (Input only)



PASS THROUGH (Input/Output)

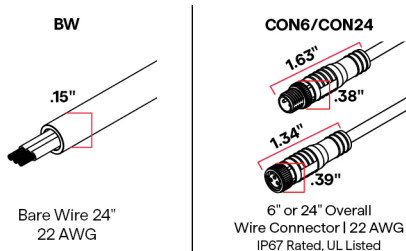


## CONFIGURATION OPTIONS



## 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-FLAT (01) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## 11 MOUNTING

| SST   | MG                            | MMA-03  | TBC-09   | TBC-10   |
|---|-------------------------------|---|--|--|
|   |                               |   |  |  |
| Stainless Steel Clip  | Magnet Clip                   | Magnet Mount<br>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. 1 T-Bar Mounting Jig included with each fixture. | 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture. |
| 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   | Each pair of clips comes with M2.5 x 4mm   |

## 12 FINISH



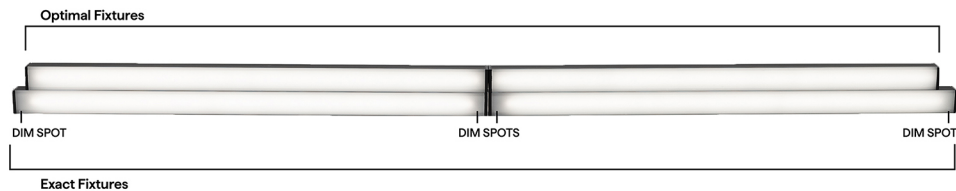
Custom finishes require a longer lead time, consult factory

## 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-FLAT (01) FOR WARM DIM APPLICATIONS

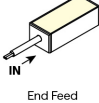
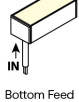
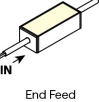
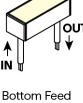
24VDC Linear Fixtures - Surface & Recessed

## DW DRY LENGTHS BY INCH

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 fixture<br><br>S1<br> |
|------------------|---|
| 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

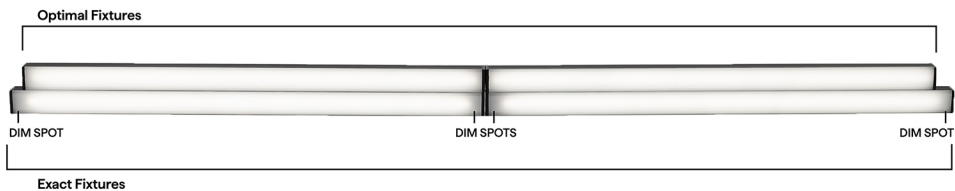
| Requested Nominal Length | S1 & S2<br><br>S2<br> | P1 & P2<br><br>P2<br> |
|--------------------------|---|--|
| 12"                      | 10.48"  | 10.83"   |
| 13"                      | 12.48"  | 12.83"   |
| 14"                      | 12.48"  | 12.83"   |
| 15"                      | 14.48"  | 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-FLAT (01) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

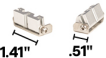


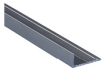


## COMPATIBLE POWER SUPPLIES

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

| DIM TO LEVEL | INDOOR   |
|--------------|--|
|              | MICRO 5-DW Warm Dim Applications   |
| 0.1%         | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+WD<br>QT-CAB-eLED+WD-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+WD<br>QTM-eLED+WD-AWN<br>QZ-DMX<br>QZ-DW |
| 1%           | QZ-DALI-DT8  |
| 10%          | Non-Dim Power Supply with WD App Dongle  |

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

## COMPATIBLE MOUNTING ACCESSORIES

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

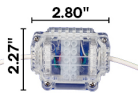


# MICRO 5 ALTA-FLAT (01) FOR WARM DIM APPLICATIONS

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