

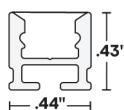


MICRO 5 ALTA-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed



Declare.



- 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. | 7 CONNECTOR/WIRE IN BW CON6 CON24 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) | | | |
| 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. | BW CON6 CON24 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 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. |

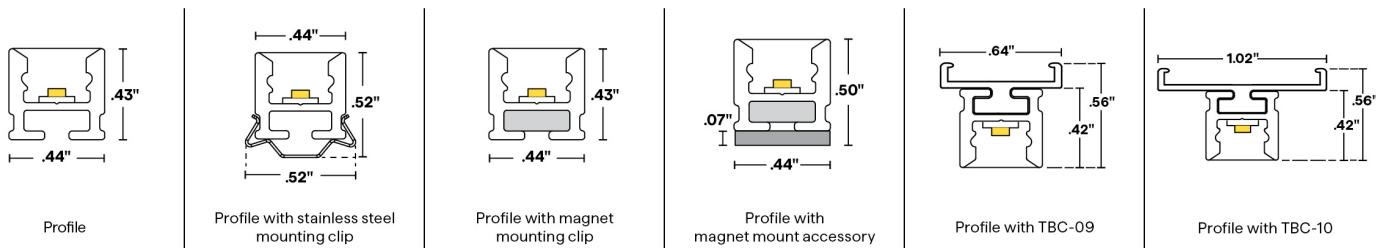
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



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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 |

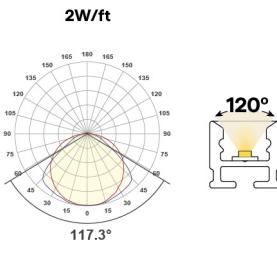
5 DIODE VISIBILITY



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 | | | |
|--|------|---------------------------------------|-------|
| 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 |

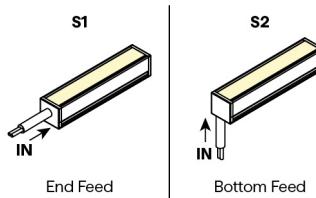


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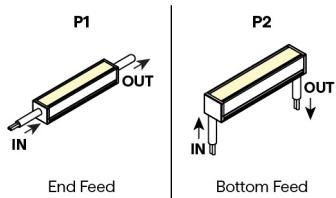
24VDC Linear Fixtures - Surface & Recessed

6 WIRE INPUT/OUTPUT

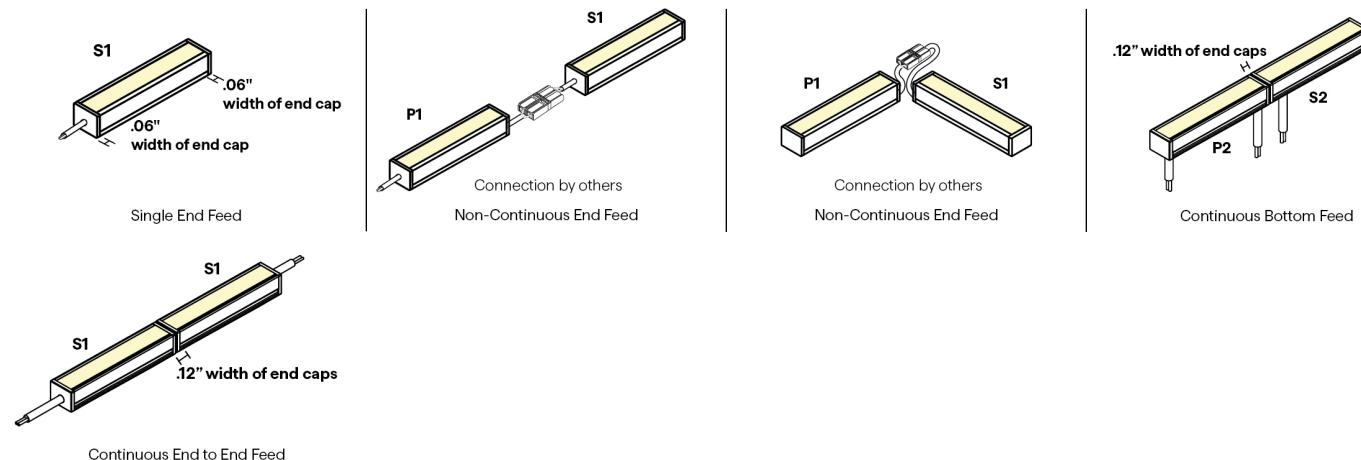
SINGLE (Input only)



PASS THROUGH (Input/Output)

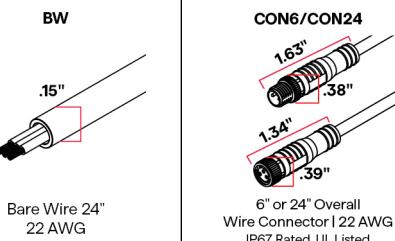


CONFIGURATION OPTIONS



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

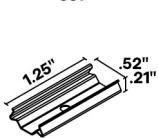
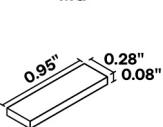
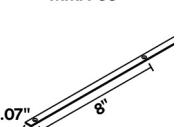
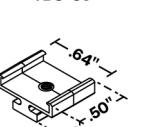
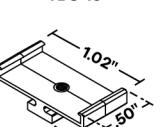




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24VDC Linear Fixtures - Surface & Recessed

11 MOUNTING

| SST | MG | MMA-03 | TBC-09 | TBC-10 |
|--|--|--|---|--|
|  Stainless Steel Clip 1.25" x .52" x .21" 2 pieces of hardware provided for 4' or less; 4 pieces provided for greater than 4' To order separately use SST-08 Each clip comes with a #4 x 5/8" Flat Head SS |  Magnet Clip 0.95" x 0.28" x 0.08" One MG provided per foot To order separately use MG-03 |  Magnet Mount Accessory for MG-03 96" lengths Sold separately, to order use MMA-03 Each bracket comes with 2 #6 x 5/8" Flat Head SS per foot Required when mounting to a non-magnetic surface |  Plastic T-Bar Clip .07" x .64" x .50" Use on 9/16" Flat or Tegular Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-09 Each pair of clips comes with M2.5 x 4mm set screw and Allen key |  Plastic T-Bar Clip 1.02" x .50" x .27" Use on 15/16" Flat or Tegular Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-10 Each pair of clips comes with M2.5 x 4mm set screw and Allen key |

12 FINISH

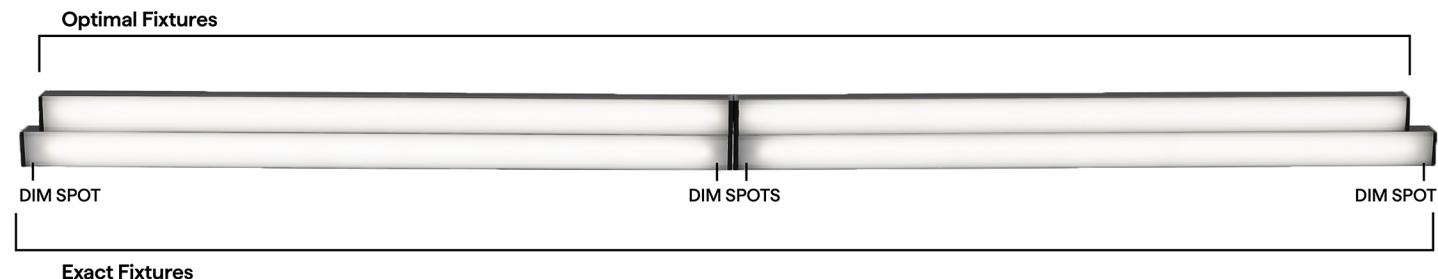


Satin
Black

Custom finishes require a longer lead time, consult factory

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.





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

24VDC Linear Fixtures - Surface & Recessed

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' 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 |
|--------------------------|---------|---------|
| 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 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 | |

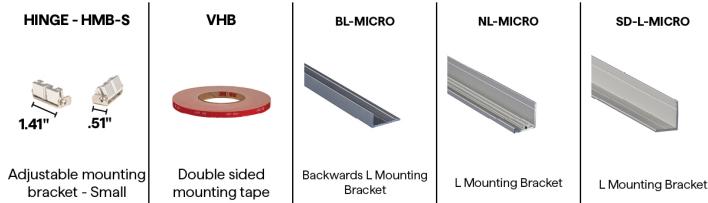


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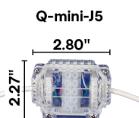
24VDC Linear Fixtures - Surface & Recessed

| 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 |
| 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



COMPATIBLE WIRING ACCESSORIES



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES



Wi-Fi or Bluetooth Connectivity



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

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage