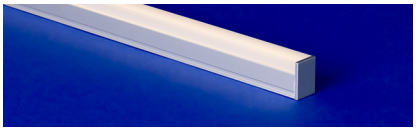
# MICRO 5 ALTA-DROP (04) RGB

24VDC Linear Fixtures - Surface & Recessed






- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- Sleek flat profile and three-sided dropped lens
- 62% smaller than ESSENTIALS-TRE3
- 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 mounting clip, magnet option, or TBAR clip, making installation and repositioning effortless
- Red, Green, and Blue LED allows for color changing applications

## Specify either factory assembled fixtures or field assembled extrusions and LEDs.

**A** LEDs will be installed into a complete fixture. Ideal for single fixtures. Avoids installers needing to handle the delicate 5mm LED.

**OR**

**B** Extrusions and LEDs will be shipped not installed. Ideal for long runs or light with no interruptions in LED up to Class 2 limitations. Due to the delicate nature of the 5mm LED, care must be taken in the installation process

### A. Factory Assembled Option

| A1 PRODUCT | A2 WATTS/ FT | A3 CCT | A4 RATED | A5 LENS | A6 WIRE INPUT/ OUTPUT | A7 CONNECTOR/ WIRE IN | A8 CONNECTOR/ WIRE OUT | A9 WIRE COLOR | A10 WIRE TYPE | A11 MOUNTING | A12 FINISH | A13 LENGTH (IN) | A14 EXACT/ OPTIMAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALTA-04-RGB | 4.0 | RGB | | | | | | | | | | | |

Sample Part Number: **ALTA-04-RGB-4.0-RGB-DRY-FR-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

**A1 PRODUCT**

**ALTA-04-RGB**

See following pages for compatible power supplies.

**A2 WATTS/FT**

| | |
|---|---|
| **4.0** | 4.0W/ft |

**A3 CCT**

**RGB**

**A4 RATED**

| | |
|---|---|
| **DRY** | IP20 |
| **DMP** | IP54 |

**A5 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

**A6 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.

**A7 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)

**A8 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)

**A9 WIRE COLOR**

| | |
|---|---|
| **WH** | White |
| **BK** | Black |

**A10 WIRE TYPE**

| | |
|---|---|
| **CL2** | Class 2 |
| **CL2P** | Plenum Rated |

CL2P only available with bare wire leads (BW)

**A11 MOUNTING**

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

**A12 FINISH**

| | |
|---|---|
| **ST** | Satin |
| **BK** | Black |
| **CU** | Custom |

Custom finishes require a longer lead time, consult factory

**A13 LENGTH (IN)**

Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".

**A14 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 | FField modifications must comply with QTL's installation methods otherwise warranty is null & void | Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-11-11-26

# MICRO 5 ALTA-DROP (04) RGB

24VDC Linear Fixtures - Surface & Recessed

### B. Field Assembled Option

| B1 PRODUCT | B2 FINISH | B3 MOUNTING | B4 LENS | B5 WIRE INPUT/ OUTPUT | B6 EXTRUSION LENGTH (IN) | B7 V/ WATTS | B8 RATED | B9 CCT - LUMENS/ CRI | B10 CONNECTOR/ WIRE IN | B11 CONNECTOR/ WIRE OUT | B12 WIRE COLOR | B13 WIRE TYPE | B14 ILLUMINATED LENGTH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ALTA-04 | | | | NI | | RGB24-5MM/4.0 | | RGB | BW | CLS | | CL2 | |

## EXTRUSION ORDERING

Sample Part Number: **ALTA-04-ST-SST-DF-NI-98.43"**

**B1 PRODUCT**

**ALTA-04**

**B2 FINISH**

**ST** Satin
**BK** Black
**CU** Custom

Custom finishes require a longer lead time, consult factory

**B3 MOUNTING**

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

**B4 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

**B5 WIRE INPUT/OUTPUT**

**NI** Not Installed

**B6 EXTRUSION LENGTH (IN)**

1" increments from 1" - 98.43"
Extrusion Tolerance +0 -1/8".

## LED STRIP ORDERING

Sample Part Number: **RGB24-5MM/4.0-DRY-RGB-BW-CLS-WH-CL2-100"**

**B7 V/WATTS**

**RGB24-5MM/4.0**

Wattage: 4.0W/ft
Voltage: 24VDC
See following pages for compatible power supplies.

**B8 RATED**

**DRY** IP20
**DMP** IP54

**B9 CCT - LUMENS/CRI**

**RGB**

**B10 CONNECTOR/WIRE IN**

**BW** Bare Wire (Standard 24")

**B11 CONNECTOR/WIRE OUT**

**CLS** Closed End (No feed)

**B12 WIRE COLOR**

**WH** White
**BK** Black

**B13 WIRE TYPE**

**CL2** Class 2

**B14 ILLUMINATED LENGTH**

2"-288" in 2" increments

Order LED length needed for each run. Lengths cannot exceed 24' (Class 2). All lengths will have a 2' soldered lead wire attached. This product is not to be field-soldered.

## REQUIRED ACCESSORY

**UNIV-ROLLER**



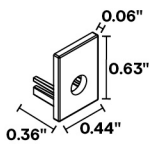
Roller tool used to lay MICRO 5 LED strips into extrusion housing

Included and required for all MICRO 5 field assembled options

To order additional, use UNIV-ROLLER

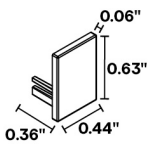
## END CAPS

One pair of end caps is provided with each length of extrusion ordered.




Feed

To order separately, use ALTA-EC




No Feed

To order separately, use ALTA-EC

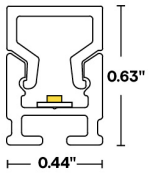
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Specification subject to change. Rev-11-11-26

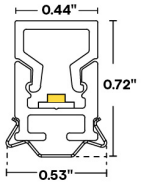
# MICRO 5 ALTA-DROP (04) RGB

24VDC Linear Fixtures - Surface & Recessed

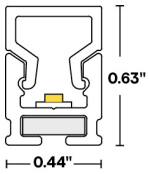
## A1 / B1 PRODUCT - DIMENSIONS



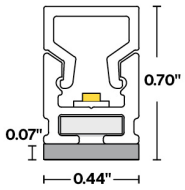

Profile with drop lens



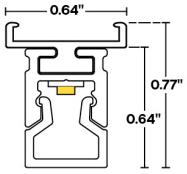

Profile with drop lens and stainless steel mounting clip



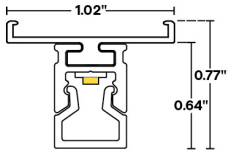

Profile with drop lens and magnet mounting clip




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




Profile with TBC-09




Profile with TBC-10

## A2 / B9 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]
Tested with ALTA-04-RGB-4.0-RGB-DRY

| | Red | | Green | | Blue | | All |
|---|---|---|---|---|---|---|---|
| | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT |
| FR | 31 | 627 | 98 | 522 | 25 | 471 | 142 |
| DF | 24 | 627 | 78 | 523 | 21 | 470 | 113 |

## A5 / B4 DIODE VISIBILITY

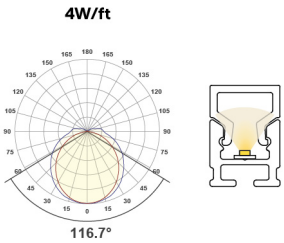


DF - Diffused lens

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 in green

## TEMPERATURE RATINGS

| | | 4.0 W/FT | |
|---|---|---|---|
| | | Min | Max |
| DRY | Ambient Operating Temp - Recessed | ** | ** |
| | Ambient Operating Temp - Surface | -4°F | 120°F |
| DMP | Ambient Operating Temp - Recessed | ** | ** |
| | Ambient Operating Temp - Surface | -4°F | 120°F |

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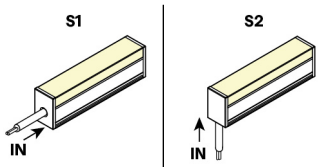
Specification subject to change. Rev-11-11-26

# MICRO 5 ALTA-DROP (04) RGB

24VDC Linear Fixtures - Surface & Recessed

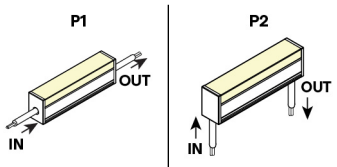
## A6 WIRE INPUT/OUTPUT

SINGLE (Input only)



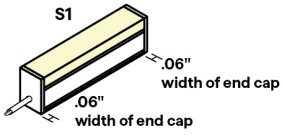

End Feed | Bottom Feed

PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP

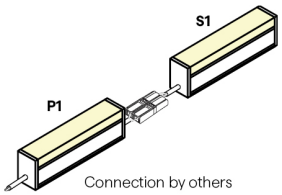



End Feed | Bottom Feed

## CONFIGURATION OPTIONS

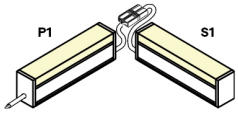



Single End Feed



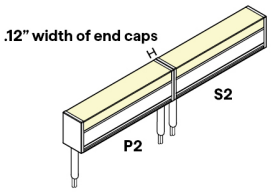

Connection by others

Non-Continuous End Feed

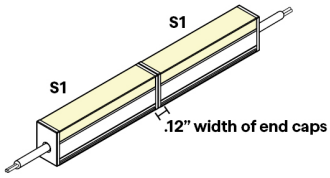



Connection by others

Non-Continuous Corner Feed



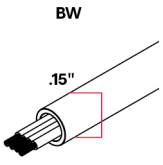

Continuous Bottom Feed




Continuous End to End Feed

## A7 / A8 / B10 / B11 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

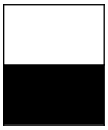



Bare Wire 24"
22 AWG




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

## A9 / B12 WIRE COLOR



White

Black

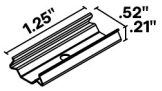
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# MICRO 5 ALTA-DROP (04) RGB

24VDC Linear Fixtures - Surface & Recessed

## A11 / B3 MOUNTING

### SST



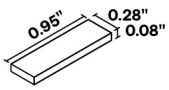

Stainless Steel Clip

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

### MG

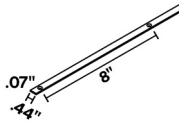



Magnet Clip

One MG provided per foot

To order separately use MG-03

### MMA-03



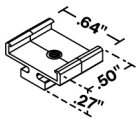

Magnet Mount Accessory for MG-03

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

### TBC-09




Plastic T-Bar Clip

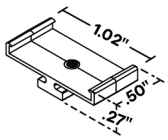
Use on 9/16" Flat or Tegular Drop Ceiling

2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.

To order separately use TBC-09

Each pair of clips comes with M2.5 x 4mm

### TBC-10




Plastic T-Bar Clip

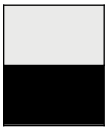
Use on 15/16" Flat or Tegular Drop Ceiling

2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.

To order separately use TBC-10

Each pair of clips comes with M2.5 x 4mm

## A12 / B2 FINISH



Satin

Black

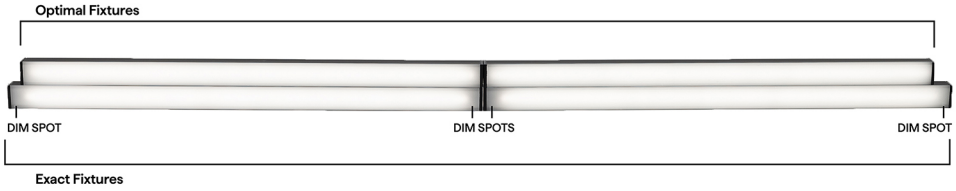
Custom finishes require a longer lead time, consult factory

## A14 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →

E/O Explained →

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



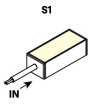

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# MICRO 5 ALTA-DROP (04) RGB

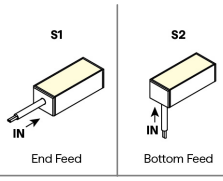
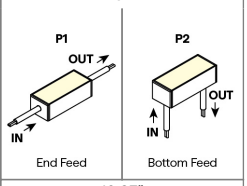
24VDC Linear Fixtures - Surface & Recessed

## RGB DRY DMP 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   | |
|---|---|---|---|---|
| 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" | |

## 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-RGB |
| 0.1% | QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DMX<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DMX<br>QZ-DMX |
| 1% | QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with RGB App Dongle |

| DIMMING PROTOCOL | INDOOR |
|---|---|
| | MICRO 5-RGB |
| DMX | QTM-eLED+DMX<br>QZ-DMX |
| DALI-2: DT8 | QT-CAB-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8<br>QZ-DALI-DT8 |

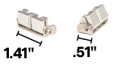
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# MICRO 5 ALTA-DROP (04) RGB

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

**HINGE - HMB-S**




Adjustable mounting bracket - Small

**VHB**



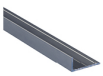
Double sided mounting tape

**NJ-MICRO**



J Mounting Bracket

**BL-MICRO**



Backwards L Mounting Bracket

**NL-MICRO**



L Mounting Bracket

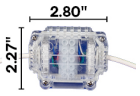
**SD-L-MICRO**



L Mounting Bracket

## 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**

Q-NFC

Read and write DMX addresses and adjust voltage

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