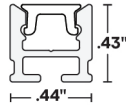
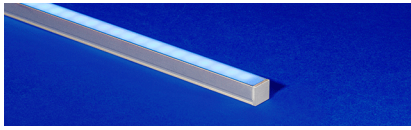




# MICRO 5 ALTA-FLAT (01) RGB

## 24VDC Linear Fixtures - Surface & Recessed



- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- 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
- Red, Green, and Blue LED allows for color changing applications
- Consult factory for field assembly options

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5
PRODUCT	WATTS/ FT	CCT	RATED	LENS
ALTA-01-RGB	4.0	RGB		

### ADDITIONAL INFORMATION REQUIRED TO ORDER

6	7	8	9	10	11	12	13	14
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL

Sample Part Number: **ALTA-01-RGB-4.0-RGB-DRY-FR-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

<b>1</b> <b>PRODUCT</b> <b>ALTA-01-RGB</b> See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b> <b>4.0</b> 4.0W/ft	<b>3</b> <b>CCT</b> <b>RGB</b>	<b>4</b> <b>RATED</b> <b>DRY</b> IP20 <b>DMP</b> IP54	<b>5</b> <b>LENS</b> <b>DF</b> Diffused <b>FR</b> Frosted For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages	
<b>6</b> <b>WIRE INPUT/OUTPUT</b> <b>SINGLE (Input only)</b> <b>S1</b> End Feed <b>S2</b> 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. <b>PASS THROUGH (Input/output)</b> <b>P1</b> End Feed <b>P2</b> 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.	<b>7</b> <b>CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>8</b> <b>CONNECTOR/WIRE OUT</b> <b>CLS</b> Closed End (No feed) <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)			
<b>9</b> <b>WIRE COLOR</b> <b>WH</b> White <b>BK</b> Black	<b>10</b> <b>WIRE TYPE</b> <b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated CL2P only available with bare wire leads (BW)	<b>11</b> <b>MOUNTING</b> <b>SST</b> Stainless Steel <b>MG</b> Magnet <b>TBC-09</b> 9/16" Flat or Regular TB-Grid <b>TBC-10</b> 15/16" Flat or Regular TB-Grid	<b>12</b> <b>FINISH</b> <b>ST</b> Satin <b>BK</b> Black <b>CU</b> Custom Custom finishes require a longer lead time, consult factory	<b>13</b> <b>LENGTH (IN)</b> Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".	<b>14</b> <b>EXACT/OPTIMAL</b> <b>E</b> Exact specified length <b>O</b> Optimal illumination

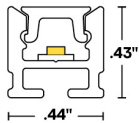
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



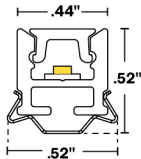
# MICRO 5 ALTA-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

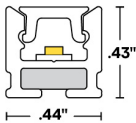
## 1 PRODUCT - DIMENSIONS



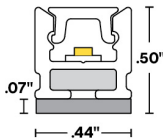
Profile with flat lens



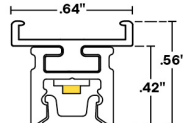
Profile with flat lens and stainless steel mounting clip



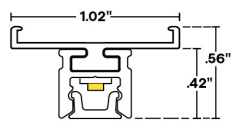
Profile with flat lens and magnet mounting clip



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



Profile with TBC-09



Profile with TBC-10

## 2 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]  
Tested with ALTA-01-RGB-4.0-RGB-DRY

	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	
FR	34	628	108	524	33	469	157
DF	22	631	67	523	21	469	97

## 5 DIODE VISIBILITY

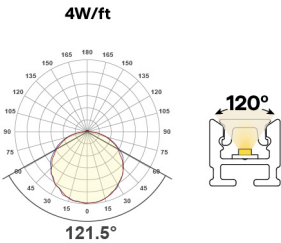


DF - Diffused lens

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 in green



# MICRO 5 ALTA-FLAT (01) RGB

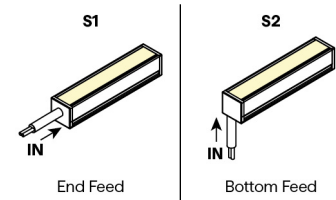
24VDC Linear Fixtures - Surface & Recessed

## TEMPERATURE RATINGS

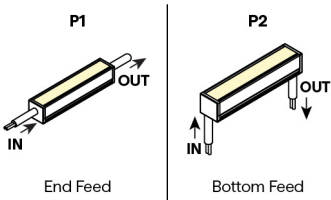
		4.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Recessed	**	**
	Ambient Operating Temp - Surface	-4°F	120°F
DMP	Ambient Operating Temp - Recessed	**	**
	Ambient Operating Temp - Surface	-4°F	115°F

## 6 WIRE INPUT/OUTPUT

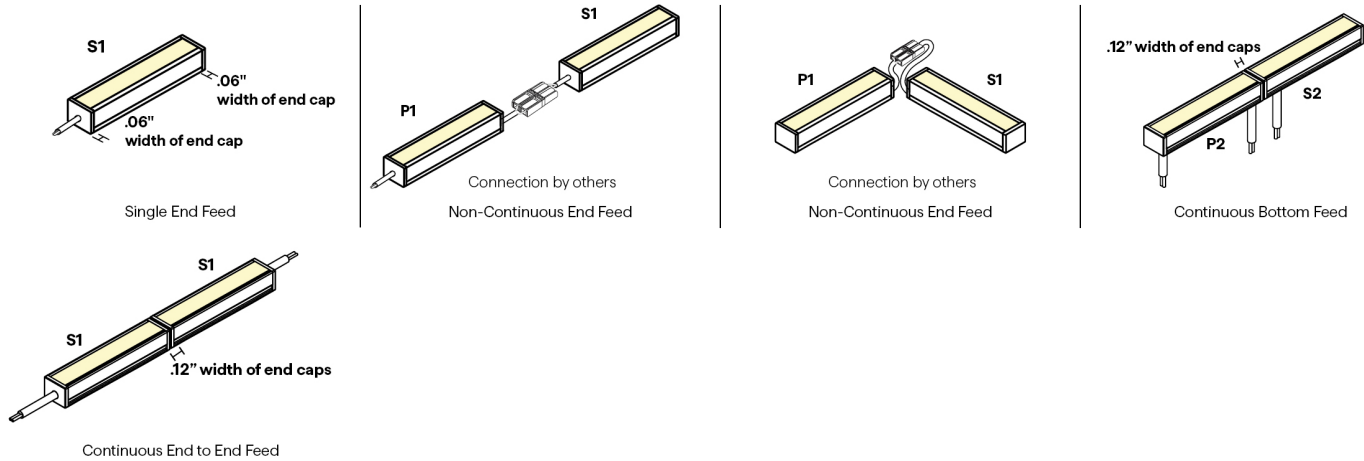
SINGLE (Input only)



PASS THROUGH (Input/Output)



## CONFIGURATION OPTIONS



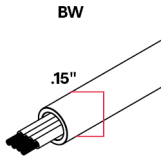


# MICRO 5 ALTA-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

## 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



Bare Wire 24" 22 AWG



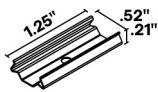
6" or 24" Overall Wire Connector | 24 AWG IP67 Rated, UL Listed

## 9 WIRE COLOR



## 11 MOUNTING

SST



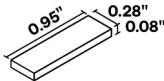
Stainless Steel Clip

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

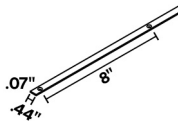
MG



Magnet Clip

One MG provided per foot  
To order separately use MG-03

MMA-03



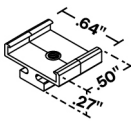
Magnet Mount Accessory for MG-03

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

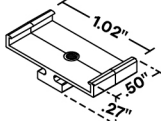
Use on 9/16" Flat or Tegular Drop Ceiling

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

## 12 FINISH



Custom finishes require a longer lead time, consult factory



# MICRO 5 ALTA-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

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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.



## RGB DRY DMP LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	S1
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
	S1 End Feed Bottom Feed	P1 End Feed Bottom Feed
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"

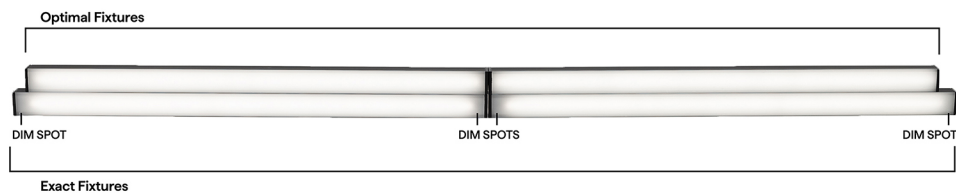
14

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) RGB

24VDC Linear Fixtures - Surface & Recessed

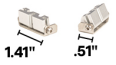


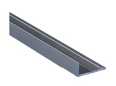
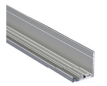

## COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	MICRO 5-RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle

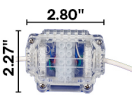
DIMMING PROTOCOL	INDOOR
	MICRO 5-RGB
DMX	QTM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8

## COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-S	VHB	NJ-MICRO	BL-MICRO	NL-MICRO	SD-L-MICRO
 1.41" .51"					
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-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



## MICRO 5 ALTA-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

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### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage