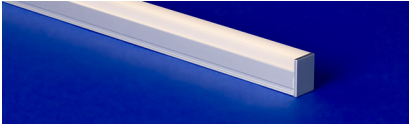# MICRO 5 ALTA-DROP (04) RGB
24VDC Linear Fixtures - Surface & Recessed

- 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
- Consult factory for field assembly options

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

① PRODUCT	② WATTS/ FT	③ CCT	④ RATED	⑤ LENS
ALTA-04-RGB	4.0	RGB		

ADDITIONAL INFORMATION REQUIRED TO ORDER

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

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

① PRODUCT

ALTA-04-RGB

See following pages for compatible power supplies.

② WATTS/FT

4.0 4.0W/ft

③ CCT

RGB

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

SINGLE (Input only)
S1	End Feed
S2	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.

PASS THROUGH (Input/output)
P1	End Feed
P2	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")
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)

⑧ 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)

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

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

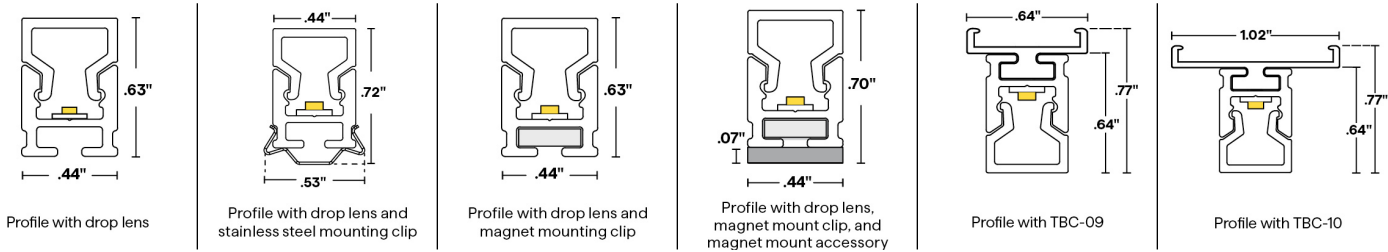|	
E	Exact specified length
O	Optimal illumination

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-DROP (04) RGB
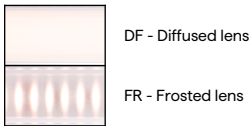## 24VDC Linear Fixtures - Surface & Recessed

1 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

2 DELIVERED LUMENS

[Calculated L70 = 70000 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

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.

4W/ft

116.7°

DF lens in green
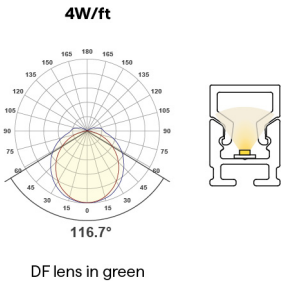
TEMPERATURE RATINGS

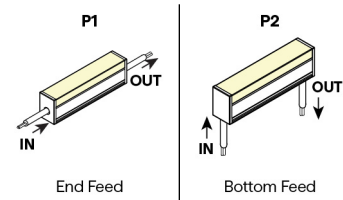|		4.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Recessed	**	**
	Ambient Operating Temp - Surface	-4°F	120°F
DMP	Ambient Operating Temp - Recessed	**	**
	Ambient Operating Temp - Surface	-4°F	115°F

6 WIRE INPUT/OUTPUT
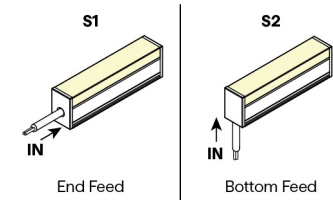
SINGLE (Input only)

PASS THROUGH (Input/Output)

S1

S2

P1

P2

IN

IN

IN OUT

IN OUT

End Feed

Bottom Feed

End Feed

Bottom Feed

CONFIGURATION OPTIONS

S1

.06" width of end cap

.06" width of end cap

Single End Feed

S1

P1

Connection by others
Non-Continuous End Feed

P1

S1

Connection by others
Non-Continuous Corner Feed

.12" width of end caps

S2

P2

Continuous Bottom Feed

S1

S1

.12" width of end caps
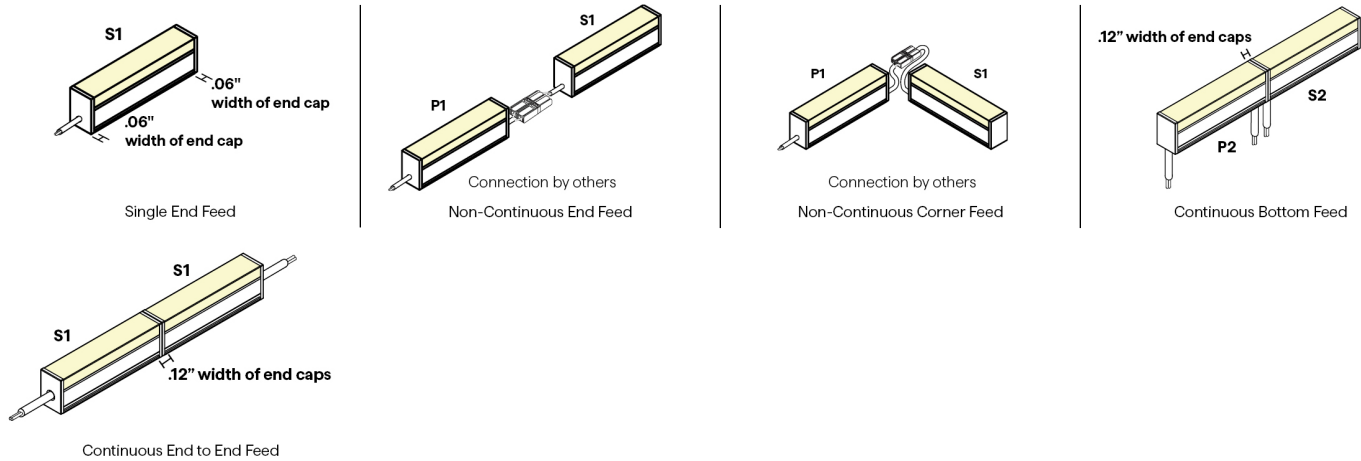
Continuous End to End Feed

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

BW

.15"

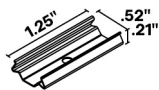Bare Wire 24"
22 AWG

CON6/CON24

1.65"
.57"
1.61"
.57"
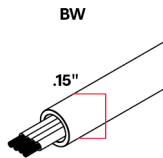
6" or 24" Overall
Wire Connector | 24 AWG
IP67 Rated, UL Listed

9 WIRE COLOR

White

Black

11 MOUNTING

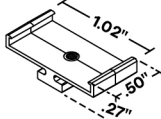| **SST**	**MG**	**MMA-03**	**TBC-09**	**TBC-10**
1.25" .52" .21"	0.95" 0.28" 0.08"	.07" 8" .44"	.64" .50" .27"	1.02" .50" .27"
Stainless Steel Clip	Magnet Clip	Magnet Mount Accessory for MG-03	Plastic T-Bar Clip	Plastic T-Bar Clip
2 pieces of hardware provided for 4' or less; 4 pieces provided for greater 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. 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
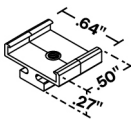
12 FINISH

Satin

Black

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.
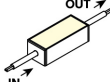
Optimal Fixtures

DIM SPOT   DIM SPOTS   DIM SPOT

Exact Fixtures

RGB DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture (S1, End Feed)
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)	S2 (Bottom Feed)	P1 (End Feed)	P2 (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.

Optimal Fixtures

DIM SPOT   DIM SPOTS   DIM SPOT
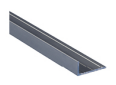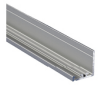
Exact Fixtures
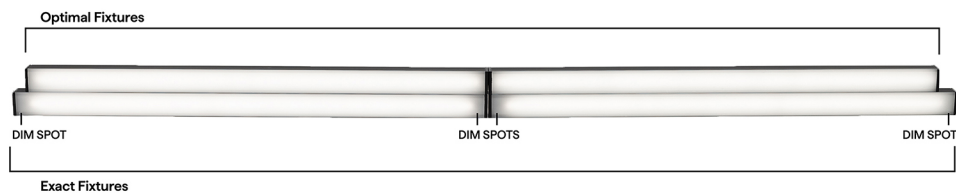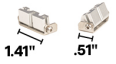
COMPATIBLE POWER SUPPLIES

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

1.41" .51"

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

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

COMPATIBLE APPS

NFC APP

Read and write
DMX addresses and
adjust voltage