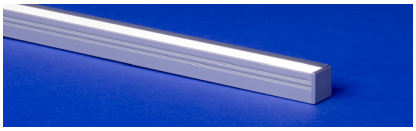
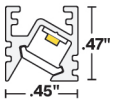
MICRO 5 POP-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed





- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- Asymmetric fixture with an 80° focused beam 20° off-nadir
- Ideal for recessed installations that call for low-profile light in small areas
- 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
POP-01-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: **POP-01-RGB-4.0-RGB-DRY-DF-S1A-BW-CLS-WH-CL2-MG-ST-48"-E**

1 PRODUCT

POP-01-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
PR	Polar

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)

S1A	End Feed
S1B	End Feed
S2A	Bottom Feed
S2B	Bottom Feed

For continuous mounting, consider bottom feed.

PASS THROUGH (Input/output)

P1A	End Feed
P1B	End Feed
P2A	Bottom Feed
P2B	Bottom Feed

For continuous mounting, consider bottom feed.

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

MG	Magnet
832	832 Silicone
PL	Plastic Clip

12 FINISH

ST	Satin
BK	Black
BZ	Bronze
WH	White
CU	Custom

Custom finishes have longer lead times. Non-RAL 9003 whites 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

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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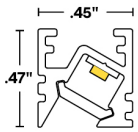
Specification subject to change. Rev-01-13-26

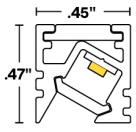
MICRO 5 POP-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

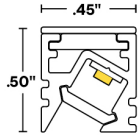
1 PRODUCT - DIMENSIONS



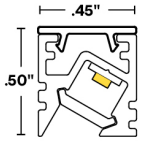
Profile



Profile with magnet clip



Profile with magnet clip and magnet mount accessory



Profile with plastic mounting clip

2 DELIVERED LUMENS

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

	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT
PR	25	627	72	522	19	469	109
DF	23	627	66	523	18	470	98

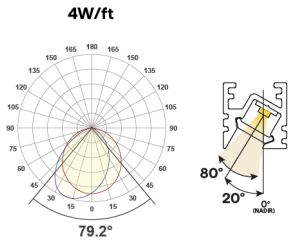
5 DIODE VISIBILITY

DF - Diffused lens

PR - Polar 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	-4°F	110°F
DMP	Ambient Operating Temp - Recessed	-4°F	105°F

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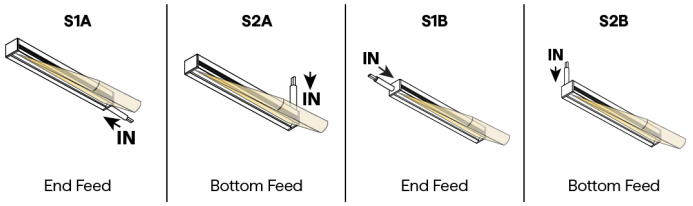
MICRO 5 POP-FLAT (01) RGB

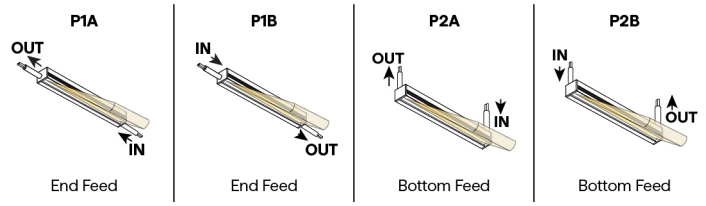
24VDC Linear Fixtures - Surface & Recessed

6 WIRE INPUT/OUTPUT

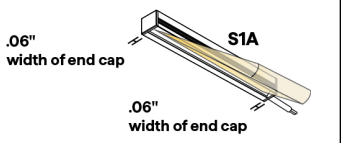
ASYMMETRIC ONLY SINGLE (Input only)



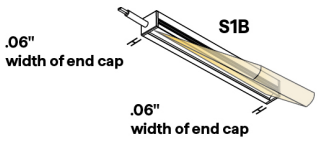
ASYMMETRIC ONLY PASS THROUGH (Input/Output)



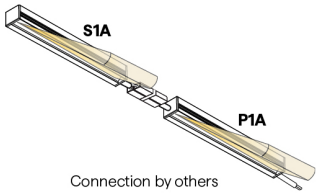
CONFIGURATION OPTIONS



Single End Feed

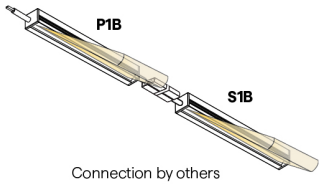


Single End Feed



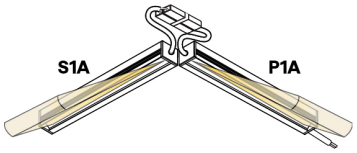
Connection by others

Non-Continuous End Feed



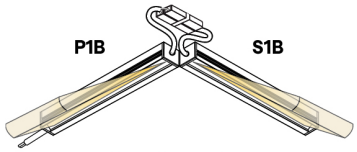
Connection by others

Non-Continuous End Feed



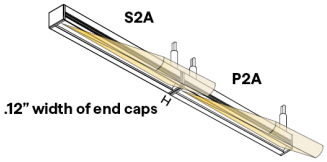
Connection by others

Non-Continuous Corner Feed

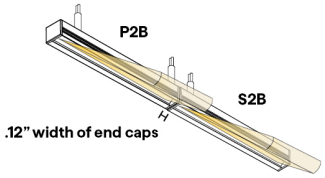


Connection by others

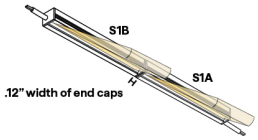
Non-Continuous Corner Feed



Continuous Bottom Feed



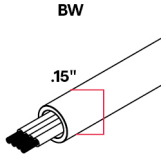
Continuous Bottom Feed



Continuous End to End Feed

7/8 CONNECTOR/WIRE – IN/OUT

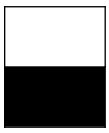
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out



Bare Wire 24"
22 AWG

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

9 WIRE COLOR



White

Black

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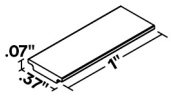
Specification subject to change. Rev-01-13-26

MICRO 5 POP-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

11 MOUNTING

MG

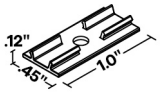


Magnet Clip

One MG provided per foot

To order separately use MG-05

PL



Plastic Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use PLC-16

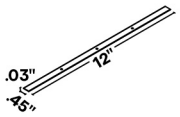
Each clip comes with a #6x1/4" and #6x1/2" Flat Head SS

832

832 Silicone

Sold separately

MMA-05



Magnet Mount Accessory for MG-05

Sold separately, to order use MMA-05

Each bracket comes with 2 #6 x 5/8" Flat Head SS per foot

Required when mounting to a non-magnetic surface

12 FINISH

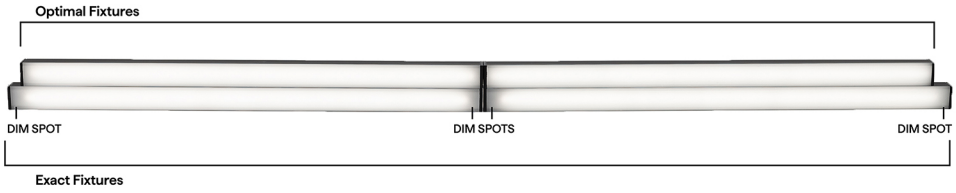
- Satin
- Black
- Bronze
- White

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.



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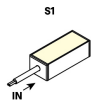
MICRO 5 POP-FLAT (01) RGB

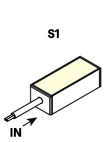
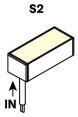
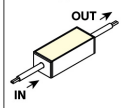
24VDC Linear Fixtures - Surface & Recessed

RGB DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	 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"

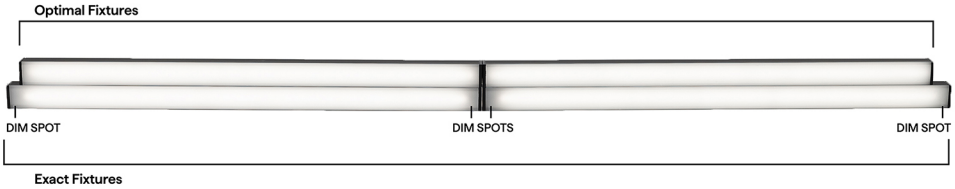
OPTIMAL LENGTH

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
	 End Feed	 Bottom Feed	 End Feed	Bottom Feed
12"	10.50"		10.75"	
13"	12.50"		12.75"	
14"	12.50"		12.75"	
15"	14.50"		14.75"	
16"	14.50"		14.75"	
17"	16.50"		16.75"	
18"	16.50"		16.75"	
19"	18.50"		18.75"	
20"	18.50"		18.75"	
21"	20.50"		20.75"	
22"	20.50"		20.75"	
23"	22.50"		22.75"	
24"	22.50"		22.75"	
36"	34.50"		34.75"	
48"	46.50"		46.75"	
60"	58.50"		58.75"	
72"	70.50"		70.75"	
84"	82.50"		82.75"	
96"	94.50"		94.75"	

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.



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

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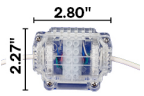
MICRO 5 POP-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

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 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

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