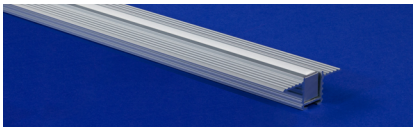
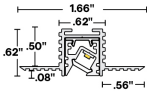
MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed





- MICRO 5 Series linear LED fixture designed to provide superior light performance and uniformity with discreet integration into drywall
- Two-piece mud-in fixture
- Asymmetric fixture with an 80° focused beam 20° off-nadir
- Once installed, its wings are covered with tape and compound to create a seamless look
- 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

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

A1 PRODUCT	A2 WATTS/ FT	A3 CCT	A4 RATED	A5 LENS
POP-MD-01-RGB	4.0	RGB		

ADDITIONAL INFORMATION REQUIRED TO ORDER

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

Sample Part Number: **POP-MD-01-RGB-4.0-RGB-DRY-DF-S1A-BW-CLS-WH-CL2-SP-ST-48"-E**

A1 PRODUCT

POP-MD-01-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
PR Polar

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

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.

A7 CONNECTOR/ WIRE IN

BW Bare Wire (Standard 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")

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")

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

SC Screw
SP Spring Clip

For either mounting option POP-MD-MNT-KIT is required for mounting POP into the Mud-In Channel

A12 FINISH

ST Satin
BK Black
BZ Bronze
WH White
CU Custom

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

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 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 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-09-04-26

MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed

B. Field Assembled Option

EXTRUSION ORDERING					
B1 PRODUCT	B2 FINISH	B3 MOUNTING	B4 LENS	B5 WIRE INPUT/ OUTPUT	B6 EXTRUSION LENGTH (IN)
POP-MD-01					

LED STRIP ORDERING							
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
RGB24-5MM/4.0		RGB	BW	CLS		CL2	

EXTRUSION ORDERING

Sample Part Number: **POP-MD-01-ST-SP-DF-NI-98.43"**

B1 PRODUCT

POP-MD-01

B2 FINISH

ST Satin
BK Black
BZ Bronze
WH White
CU Custom

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

B3 MOUNTING

SC Screw
SP Spring Clip

For either mounting option POP-MD-MNT-KIT is required for mounting POP into the Mud-In Channel

B4 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

B5 WIRE INPUT/OUTPUT

B6 EXTRUSION LENGTH (IN)

1" increments from 1" - 98.43"
Tolerance +0.0"/-0.5"

LED STRIP ORDERING

Sample Part Number: **RGB24-5MM/4.0-DRY-RGB-BW-CLS-WH-CL2-48"**

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

Available in Class 2 reel length of 24'. Each reel will have a 2' soldered lead wire attached. This product is not to be field-soldered.

REQUIRED ACCESSORY

UNIV-ROLLER



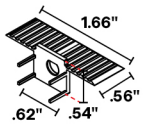
Roller tool used to lay MICRO 5 LED strips into extrusion housing

Included and required for all MICRO 5 field assembled options

To order additional, use UNIV-ROLLER

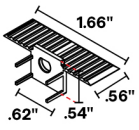
END CAPS

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



Feed

To order separately, use POP-EC-MDIN-A-ST



Feed

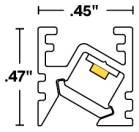
To order separately, use POP-EC-MDIN-B-ST

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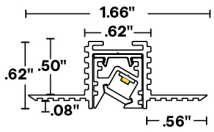
MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed

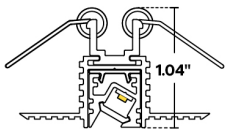
A1 / B1 PRODUCT - DIMENSIONS



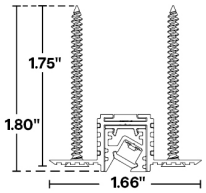
Profile



Profile with mud-in accessory



Profile with mud-in accessory and spring clip



Profile with mud-in accessory and screw mount

A2 / B9 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

A5 / B4 DIODE VISIBILITY

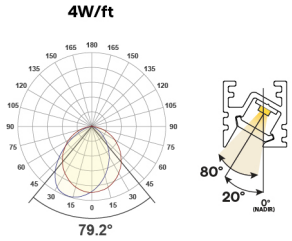


DF - Diffused lens

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	110°F

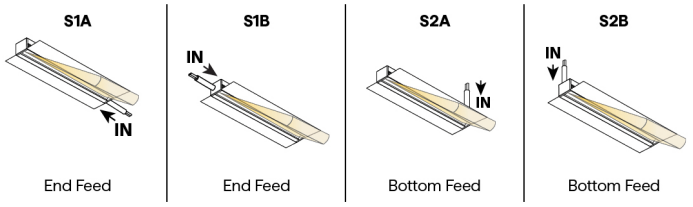
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MICRO 5 POP MUD-IN-FLAT (01) RGB

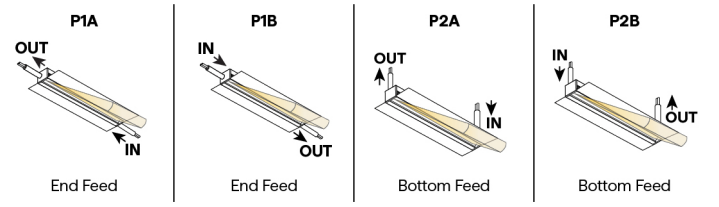
24VDC Linear Fixtures - Recessed

A6 WIRE INPUT/OUTPUT

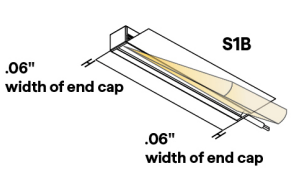
ASYMMETRIC ONLY SINGLE (Input only)



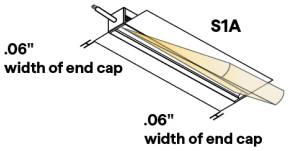
ASYMMETRIC ONLY PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP



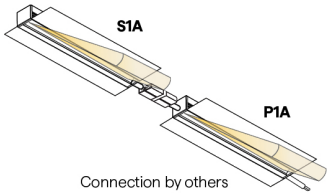
CONFIGURATION OPTIONS



Single End Feed

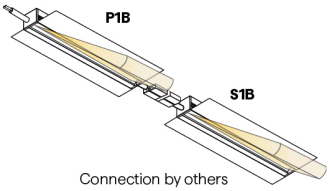


Single End Feed



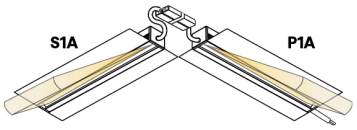
Connection by others

Non-Continuous End Feed



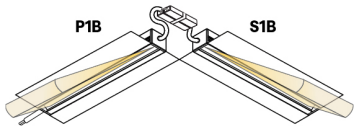
Connection by others

Non-Continuous End Feed



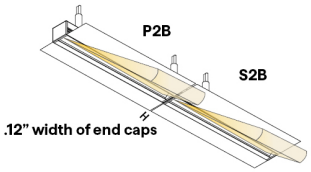
Connection by others

Non-Continuous Corner Feed

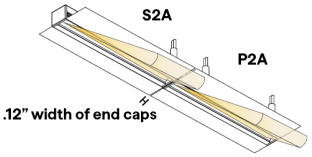


Connection by others

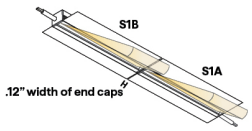
Non-Continuous Corner Feed



Continuous Bottom Feed



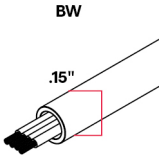
Continuous Bottom Feed



Continuous End to End Feed

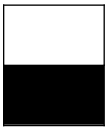
A7 / A8 / B10 / B11 CONNECTOR/WIRE – IN/OUT

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

A9 / B12 WIRE COLOR



White

Black

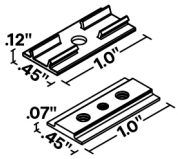
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MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed

A11 / B3 MOUNTING

POP-MD-MNT-KIT



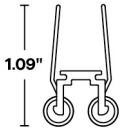
Plastic Clip Kit

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

To order separately use POP-MD-MNT-KIT

Each clip comes with a #4 x 3/16 Flat Head SS" and two #6 x 1/8" long set screws

SP



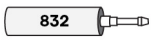
Spring Clip

Only to be used with mud-in accessory

4 clips provided for each full length of MUD-IN

To order separately use SP-02

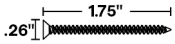
832



832 Silicone

Sold separately

SC



Screw

6 #6x1.75" flat head screws are provided for each full length of MUD-IN

A12 FINISH

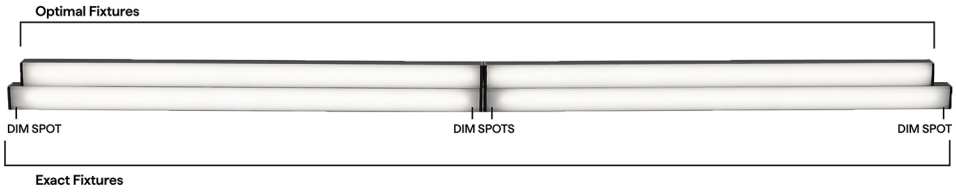
- Satin
- Black
- Bronze
- White

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. 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.



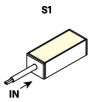
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MICRO 5 POP MUD-IN-FLAT (01) RGB

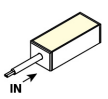
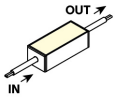
24VDC Linear Fixtures - Recessed

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"	

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

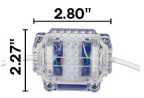
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MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed

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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