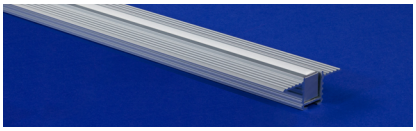
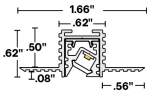
MICRO 5 POP MUD-IN-FLAT (01) RGB

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

ORDERING PROCESS

(A) Specify LED Fixture

(B) Specify MUD-IN Housing

A. LED FIXTURE

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 void warranty | Data subject to change, all data has +/- 5% tolerance

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

24VDC Linear Fixtures - Recessed

B. MUD-IN HOUSING

B1 PRODUCT	B2 LENGTH
POP-MD	

Sample Part Number: **POP-MD-FCN**

B1 PRODUCT

POP-MD

B2 LENGTH

FCN	Field Cuttable
CTL	Cut to Length

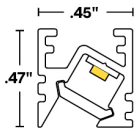
Full length 98.43" housings will be sent for field cuttable specifications. Quantity will be determined by dividing the POP fixture measurements by 98.43 and rounding up.
Cut to length housing specifications will be the length of the POP fixture specified, plus .125" for endcaps.

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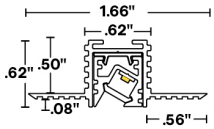
MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed

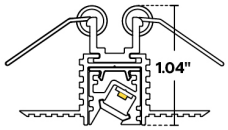
A1 PRODUCT - DIMENSIONS



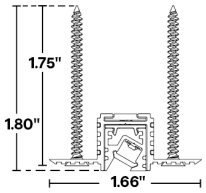
Profile



Profile with mud-in accessory



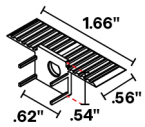
Profile with mud-in accessory and spring clip



Profile with mud-in accessory and screw mount

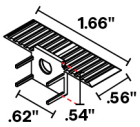
END CAPS

Flat end caps



Feed

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



Feed

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

A2 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 DIODE VISIBILITY

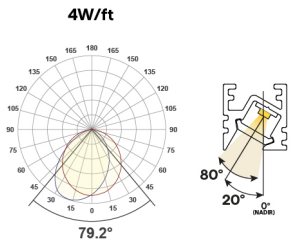


DF - Diffused lens

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

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

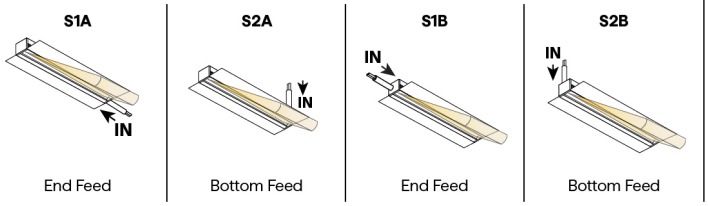
24VDC Linear Fixtures - Recessed

TEMPERATURE RATINGS

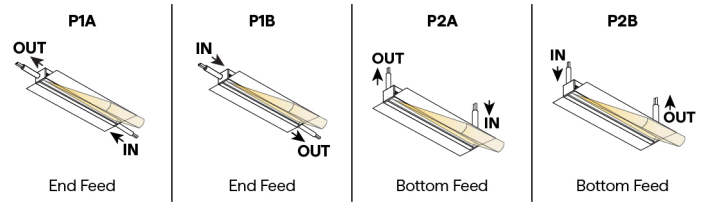
		4.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Recessed	-4°F	110°F
DMP	Ambient Operating Temp - Recessed	-4°F	110°F

A6 WIRE INPUT/OUTPUT

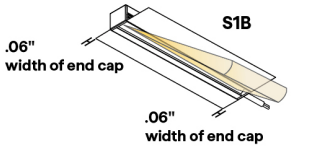
ASYMMETRIC ONLY SINGLE (Input only)



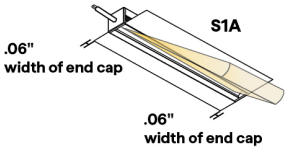
ASYMMETRIC ONLY PASS THROUGH (Input/Output)



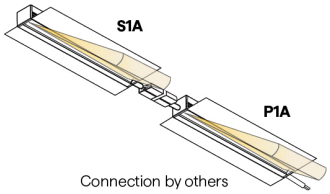
CONFIGURATION OPTIONS



Single End Feed

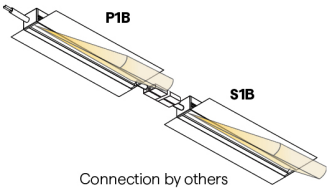


Single End Feed



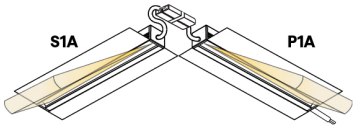
Connection by others

Non-Continuous End Feed



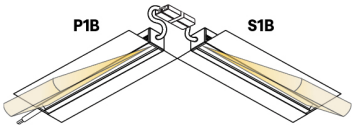
Connection by others

Non-Continuous End Feed



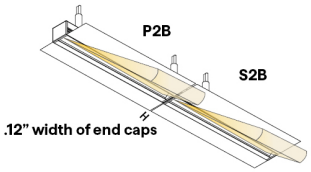
Connection by others

Non-Continuous Corner Feed

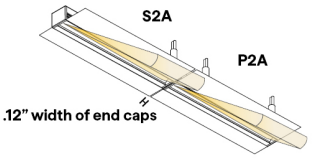


Connection by others

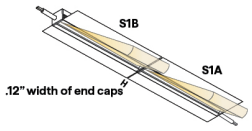
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed



Continuous End to End Feed

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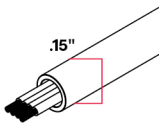
MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed

A7/A8 CONNECTOR/WIRE – IN/OUT

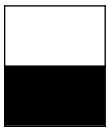
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out

BW



Bare Wire 24"
22 AWG

A9 WIRE COLOR

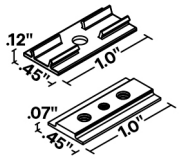


White

Black

A11 MOUNTING

POP-MD-MNT-KIT



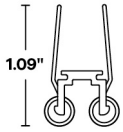
Plastic Clip Kit

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



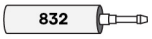
Spring Clip

Only to be used with mud-in accessory

4 clips provided for each full length of MUD-IN

To order separately use SP-02

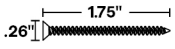
832



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

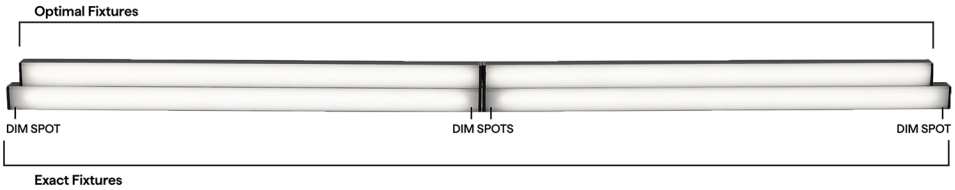
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MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed

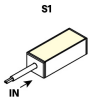
15 EXACT/OPTIMAL FIXTURE LENGTH

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.

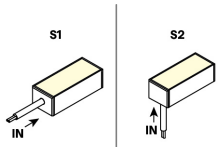
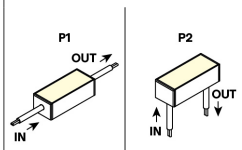


RGB DRY DMP LENGTHS BY INCH

EXACT LENGTH

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

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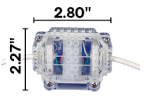
MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - 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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