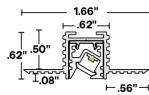




# MICRO 5 POP MUD-IN-FLAT (01)

## 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

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

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

<b>A1</b> <b>PRODUCT</b> POP-MD-01-RGB See following pages for compatible power supplies.	<b>A2</b> <b>WATTS/FT</b> 4.0 4.0W/ft	<b>A3</b> <b>CCT</b> RGB	<b>A4</b> <b>RATED</b> DRY DMP IP20 IP54	<b>A5</b> <b>LENS</b> DF Diffused Polar PR Polar For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages	
<b>A6</b> <b>WIRE INPUT/OUTPUT</b> <b>S1A</b> Single 1 (Input only) - End Feed <b>S1B</b> Single 1 (Input only) - End Feed <b>S2A</b> Single 2 (Input only) - Bottom Feed <b>S2B</b> Single 2 (Input only) - Bottom Feed For continuous mounting, consider bottom feed.	<b>A7</b> <b>CONNECTOR/WIRE IN</b> <b>BW</b> 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)	<b>A8</b> <b>CONNECTOR/WIRE OUT</b> <b>CLS</b> Closed End (No feed)			
<b>P1A</b> Pass Through 1 (Input/output) - End Feed <b>P1B</b> Pass Through 1 (Input/output) - End Feed <b>P2A</b> Pass Through 2 (Input/output) - Bottom Feed <b>P2B</b> Pass Through 2 (Input/output) - Bottom Feed For continuous mounting, consider bottom feed.	<b>BW</b> 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)	<b>BW</b> 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)			
<b>A9</b> <b>WIRE COLOR</b> WH White BK Black	<b>A10</b> <b>WIRE TYPE</b> CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW)	<b>A11</b> <b>MOUNTING</b> SC Screw SP Spring Clip For either mounting option POP-MD-MNT-KIT is required for mounting POP into the Mud-In Channel	<b>A12</b> <b>FINISH</b> ST Satin BK Black BZ Bronze WH White CU Custom Custom finishes have longer lead times. Non-RAL 9003 whites custom.	<b>A13</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>A14</b> <b>EXACT/OPTIMAL</b> 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



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

24VDC Linear Fixtures - Recessed

### B. MUD-IN HOUSING

B1	B2
PRODUCT	LENGTH
POP-MD	

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

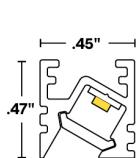
B1	PRODUCT	B2	LENGTH
	POP-MD		<b>FCN</b> Field Cuttable <b>CTL</b> Cut to Length  Full length 98.43" housings will be sent for field cuttable specifications. Quantity will be determined by dividing the POP fixture measurements by 98.43 and rounding up. Cut to length housing specifications will be the length of the POP fixture specified, plus .125" for endcaps.



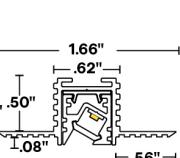
# MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed

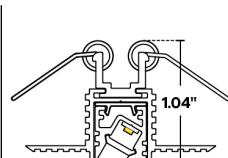
## A1 PRODUCT - DIMENSIONS



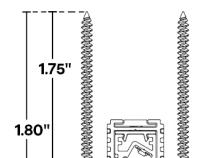
Profile



Profile with mud-in accessory



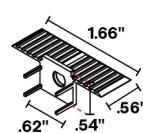
Profile with mud-in accessory and spring clip



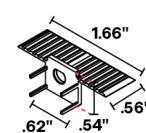
Profile with mud-in accessory and screw mount

## END CAPS

Flat end caps



Feed



Feed

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

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	
PR	25	627	72	522	19	469	109
DF	23	627	66	523	18	470	98

## A5 DIODE VISIBILITY

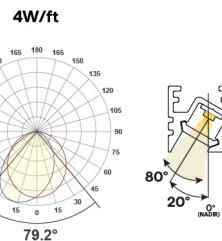


DF - Diffused lens

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



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

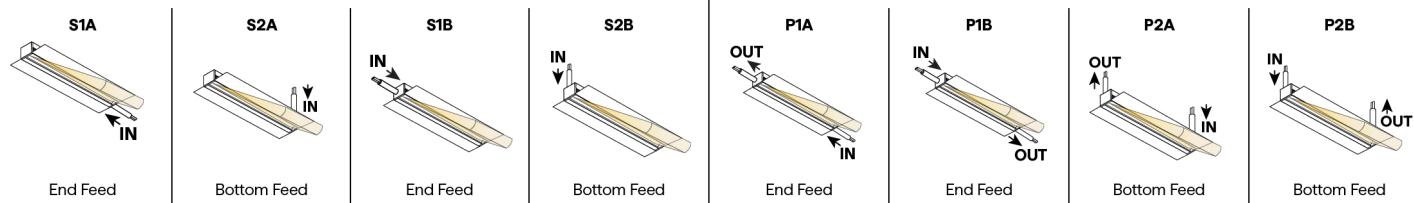
24VDC Linear Fixtures - Recessed

## TEMPERATURE RATINGS

4.0 W/FT			
DRY	Ambient Operating Temp - Recessed	-4°F	110°F
DMP	Ambient Operating Temp - Recessed	-4°F	105°F

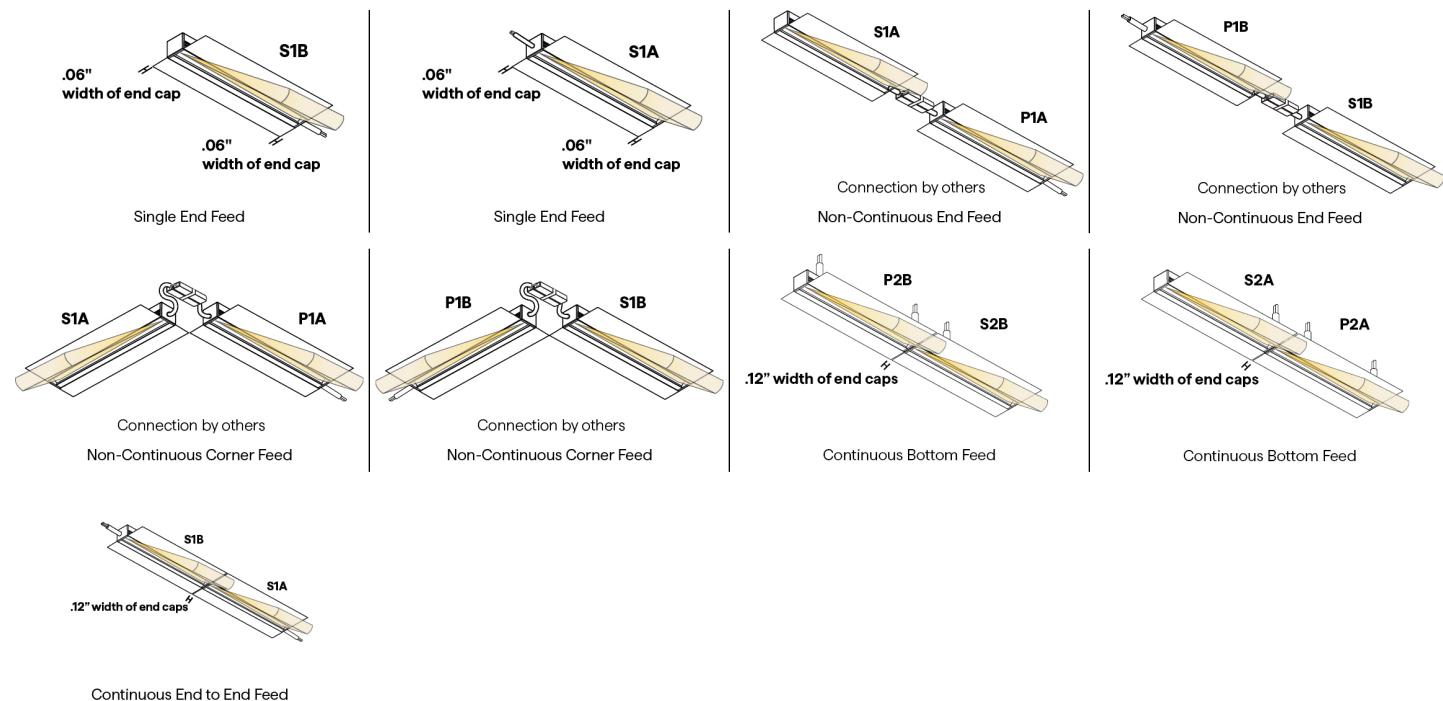
## A6 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

## CONFIGURATION OPTIONS





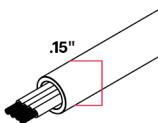
## MICRO 5 POP MUD-IN-FLAT (01) RGB

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

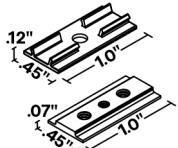


White

Black

### A11 MOUNTING

**POP-MD-MNT-KIT**



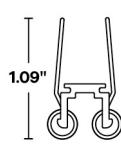
Plastic Clip Kit

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**



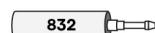
Spring Clip

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

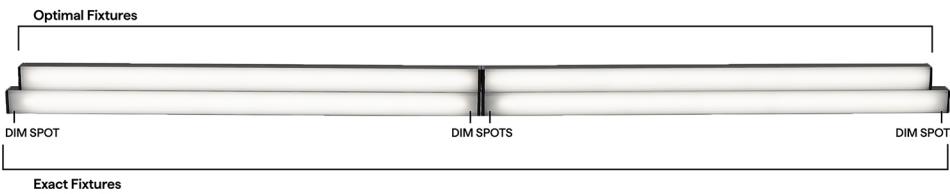


## MICRO 5 POP MUD-IN-FLAT (01) RGB

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

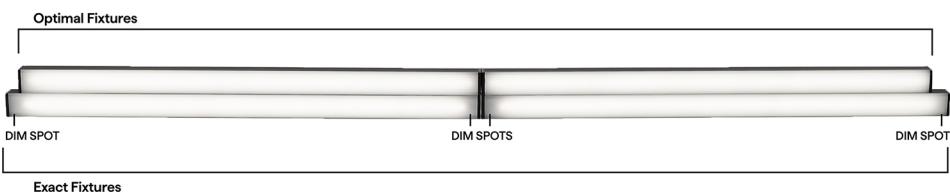
Requested Length	Potential dim spot on either end of a S1 fixture
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

#### OPTIMAL LENGTH

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
	S1	S2	P1	P2
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"		

### A14 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.





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

24VDC Linear Fixtures - Recessed

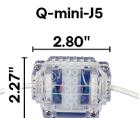
## COMPATIBLE POWER SUPPLIES

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 WIRING ACCESSORIES



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