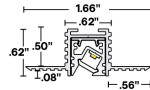
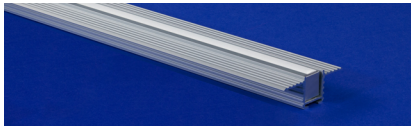


## MICRO 5 POP MUD-IN-FLAT (01)

## 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

[illegible]

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

4.04.0W/ft

A3

CCT

RGB

A4

RATED

DRY DMP

IP20 IP54

A5

LENS

DF PR

Diffused 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

S1A Single 1 (Input only) - End Feed

S1B Single 1 (Input only) - End Feed

S2A Single 2 (Input only) - Bottom Feed

S2B Single 2 (Input only) - 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)

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



# 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

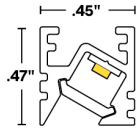
B1	B2
PRODUCT	LENGTH
POP-MD	<div><div>FCN</div><div>CTL</div><div>Field Cuttable Cut to Length</div></div> <div>Full length 98.43" housings will be sent for field cuttable specifications. Quantity will be determined by dividing the POP fixture measurements by 98.43 and rounding up. Cut to length housing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



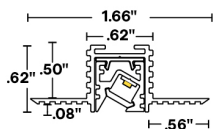
# MICRO 5 POP MUD-IN-FLAT (01) RGB

24VDC Linear Fixtures - Recessed

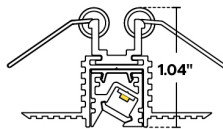
## A1 PRODUCT - DIMENSIONS



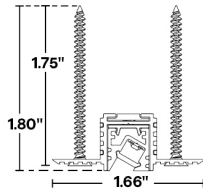
Profile



Profile with mud-in accessory



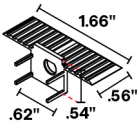
Profile with mud-in accessory and spring clip



Profile with mud-in accessory and screw mount

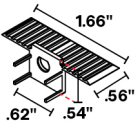
## END CAPS

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

## A5 DIODE VISIBILITY

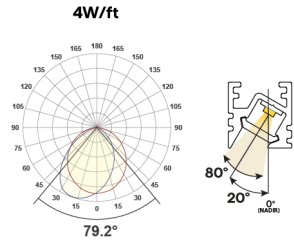


DF - Diffused lens

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

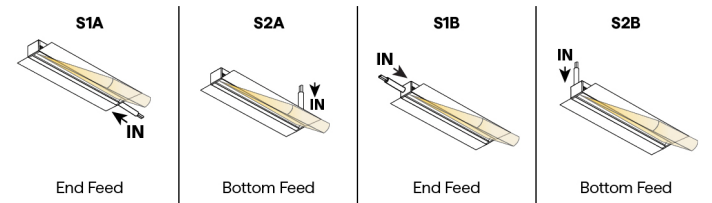
24VDC Linear Fixtures - Recessed

## TEMPERATURE RATINGS

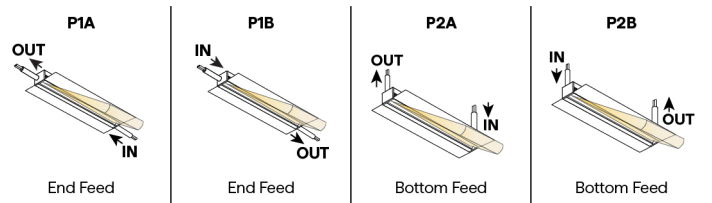
		4.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Recessed	-4°F	110°F
DMP	Ambient Operating Temp - Recessed	-4°F	105°F

## A6 WIRE INPUT/OUTPUT

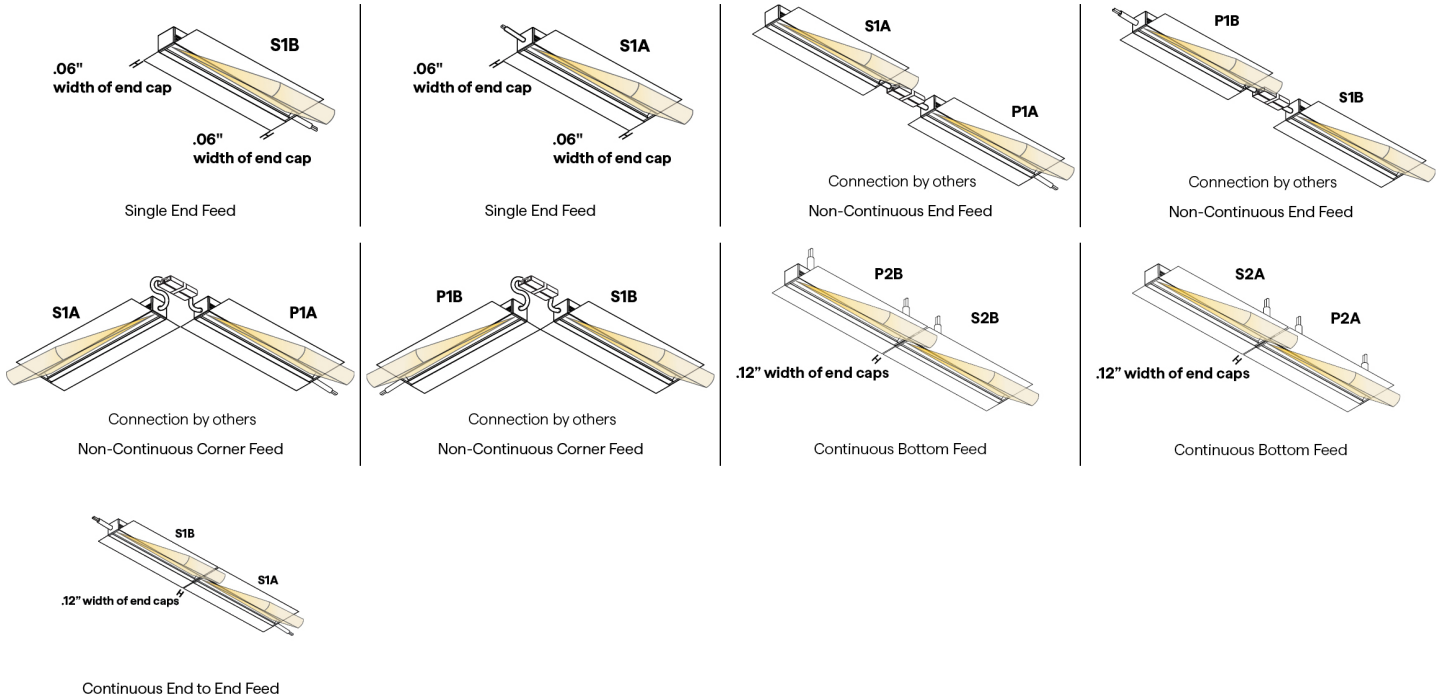
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



## CONFIGURATION OPTIONS



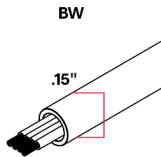


# MICRO 5 POP MUD-IN-FLAT (01) RGB

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



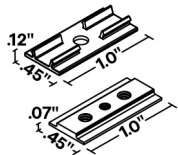
Bare Wire 24"  
22 AWG

## A9 WIRE COLOR



## A11 MOUNTING

### POP-MD-MNT-KIT



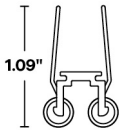
Plastic Clip Kit

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

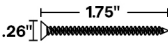
### 832



832 Silicone

Sold separately

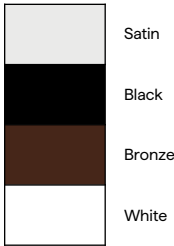
### SC



Screw

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

## A12 FINISH



Custom finishes require a longer lead time, consult factory

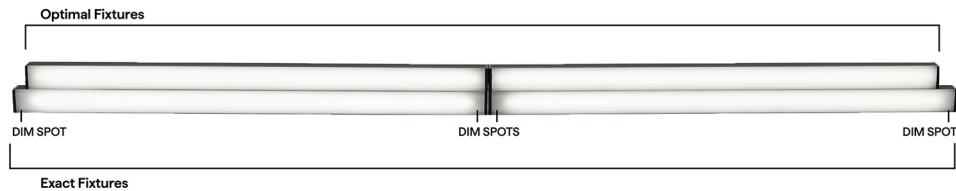


# MICRO 5 POP MUD-IN-FLAT (01) RGB

## 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

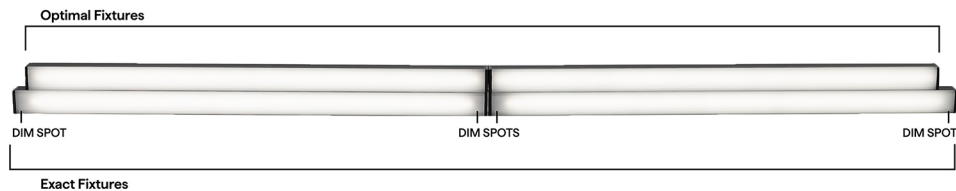
Requested Length	Potential dim spot on either end of a S1 fixture
	S1
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

#### OPTIMAL LENGTH

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
	S1	S2	P1	P2
12"	10.50"	10.75"	10.50"	10.75"
13"	12.50"	12.75"	12.50"	12.75"
14"	12.50"	12.75"	12.50"	12.75"
15"	14.50"	14.75"	14.50"	14.75"
16"	14.50"	14.75"	14.50"	14.75"
17"	16.50"	16.75"	16.50"	16.75"
18"	16.50"	16.75"	16.50"	16.75"
19"	18.50"	18.75"	18.50"	18.75"
20"	18.50"	18.75"	18.50"	18.75"
21"	20.50"	20.75"	20.50"	20.75"
22"	20.50"	20.75"	20.50"	20.75"
23"	22.50"	22.75"	22.50"	22.75"
24"	22.50"	22.75"	22.50"	22.75"
36"	34.50"	34.75"	34.50"	34.75"
48"	46.50"	46.75"	46.50"	46.75"
60"	58.50"	58.75"	58.50"	58.75"
72"	70.50"	70.75"	70.50"	70.75"
84"	82.50"	82.75"	82.50"	82.75"
96"	94.50"	94.75"	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

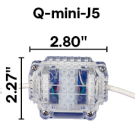
## COMPATIBLE POWER SUPPLIES

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