

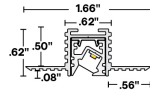
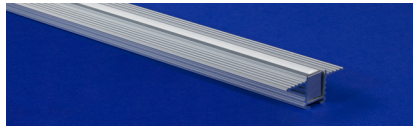


MICRO 5 POP MUD-IN- ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed



410.2 & 410.16
Closet Rated
in 1.0-2.0W/ft



- MICRO 5 Series linear LED fixture designed to provide superior light performance and uniformity with discreet integration into drywall
- Two-piece mud-in fixture
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust 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
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 2.0 watts or less per foot per NEC regulations

ORDERING PROCESS

- A** Specify LED Fixture **B** Specify MUD-IN Housing

A. LED FIXTURE

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14
PRODUCT	WATTS/FT	CCT	RATED	LENS	WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL
			ENC	TL									

Sample Part Number: **POP-MD-03-SW-4.0-30-ENC-TL-S1A-BW-CLS-WH-CL2-MG-SP-48"-E**

<div>A1</div> <div>PRODUCT</div> <div>POP-MD-03-SW POP-MD-03-SW-USA</div> <div>Select USA option for BAA and BABA projects. See following pages for compatible power supplies.</div>	<div>A2</div> <div>WATTS/FT</div> <div>1.01.0W/ft 2.02.0W/ft 4.04.0W/ft</div>	<div>A3</div> <div>CCT</div> <div>242400K 272700K 303000K 353500K 404000K</div>	<div>A4</div> <div>RATED</div> <div>ENCIP67</div>	<div>A5</div> <div>LENS</div> <div>TLTranslucent</div> <div>For representation of LED visibility, see Diode Visibility section on following pages.For beam angles, see Photometric Performance section on following pages</div>	
<div>A6</div> <div>WIRE INPUT/OUTPUT</div> <div>S1ASingle 1 (Input only) - End Feed S1BSingle 1 (Input only) - End Feed S2ASingle 2 (Input only) - Bottom Feed S2BSingle 2 (Input only) - Bottom Feed</div> <div>For continuous mounting, consider bottom feed.</div> <div>P1APass Through 1 (Input/output) - End Feed P1BPass Through 1 (Input/output) - End Feed P2APass Through 2 (Input/output) - Bottom Feed P2BPass Through 2 (Input/output) - Bottom Feed</div> <div>For continuous mounting, consider bottom feed.</div>	<div>A7</div> <div>CONNECTOR/WIRE IN</div> <div>BWBare Wire (Standard 24")</div> <div>BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div> <div>BWBare Wire (Standard 24")</div> <div>BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div>	<div>A8</div> <div>CONNECTOR/WIRE OUT</div> <div>CLSClosed End (No feed)</div> <div>BWBare Wire (Standard 24")</div> <div>BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div>			
<div>A9</div> <div>WIRE COLOR</div> <div>WHWhite BKBlack</div>	<div>A10</div> <div>WIRE TYPE</div> <div>CL2Class 2 CL2PPlenum Rated</div> <div>CL2P only available with bare wire leads (BW)</div>	<div>A11</div> <div>MOUNTING</div> <div>SCScrew SPSpring Clip</div> <div>For either mounting option POP-MD-MNT-KIT is required for mounting POP into the Mud-In Channel</div>	<div>A12</div> <div>FINISH</div> <div>STSatin BKBlack BZBronze WHWhite CUCustom</div> <div>Custom finishes have longer lead times. Non-RAL 9003 whites custom.</div>	<div>A13</div> <div>LENGTH (IN)</div> <div>Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".</div>	<div>A14</div> <div>EXACT/OPTIMAL</div> <div>EExact specified length OOptimal illumination</div> <div>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.</div>

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-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

B. MUD-IN HOUSING

<div>B1</div> <div>PRODUCT</div>	<div>B2</div> <div>LENGTH</div>
POP-MD	

Sample Part Number: POP-MD-FCN

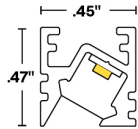
<div>B1</div> <div>PRODUCT</div>	<div>B2</div> <div>LENGTH</div>
POP-MD	<div><div>FCN</div><div>CTL</div><div>Field Cuttable</div><div>Cut to Length</div></div> <div>Full length 98.43" housings will be sent for field cuttable specifications. Quantity will be determined by dividing the POP fixture measurements 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>



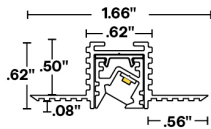
MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

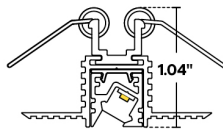
A1 PRODUCT - DIMENSIONS



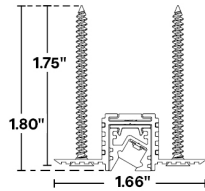
Profile



Profile with mud-in accessory



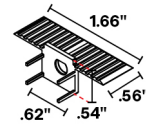
Profile with mud-in accessory and spring clip



Profile with mud-in accessory and screw mount

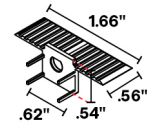
END CAPS

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

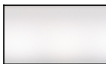
[Calculated L70 = 40000 hrs]
Tested with POP-03-SW-**-30-ENC

	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
TL	29	95	55	95	119	95

A5 DIODE VISIBILITY

SW

ENC/TL - Translucent Encapsulation



TEMPERATURE RATINGS

	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Recessed	-4°F	130°F	-4°F	120°F	-4°F	105°F

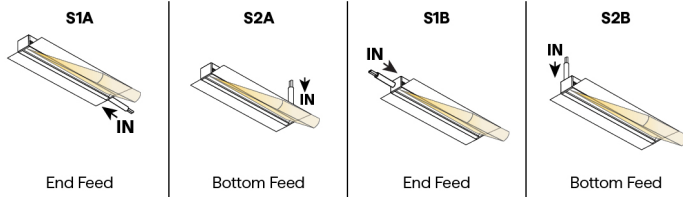


MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE

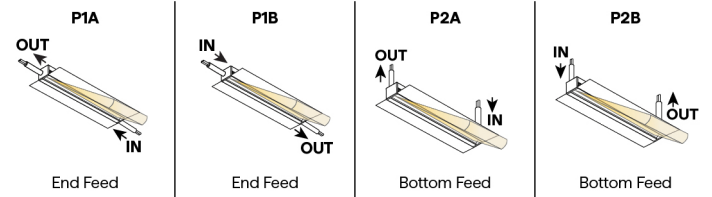
24VDC Linear Fixtures - Recessed

A6 WIRE INPUT/OUTPUT

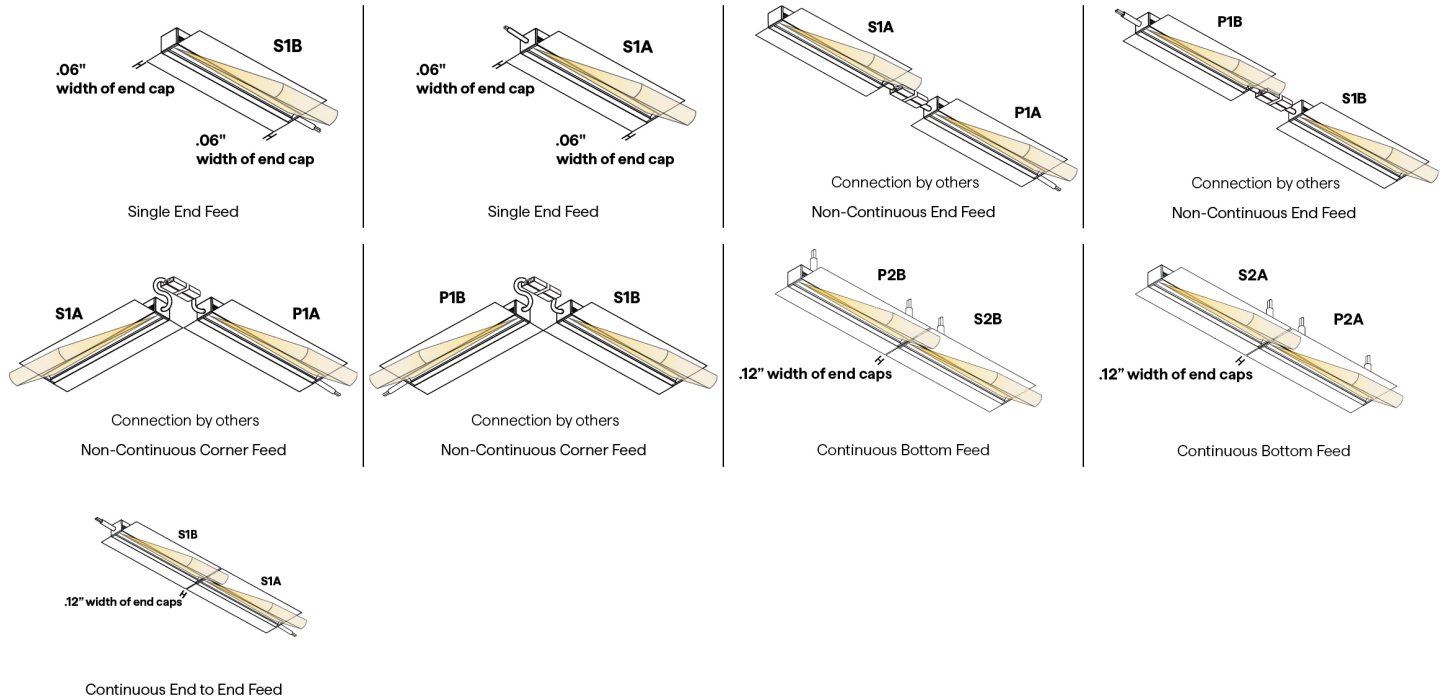
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



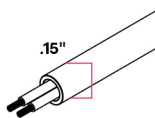
CONFIGURATION OPTIONS



A7 / A8 CONNECTOR/WIRE - IN/OUT

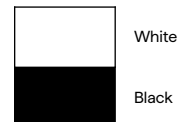
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out

BW



Bare Wire 24\"/>
22 AWG

A9 WIRE COLOR



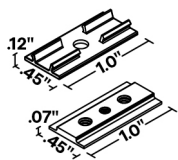


MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

A11 MOUNTING

POP-MD-MNT-KIT



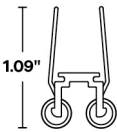
Plastic Clip Kit

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

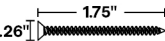
832



832 Silicone

Sold separately

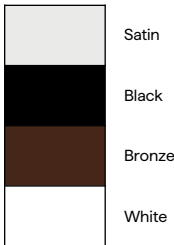
SC



Screw

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

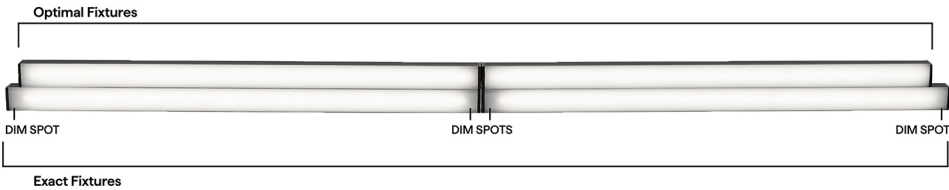
A12 FINISH



Custom finishes require a longer lead time, consult factory

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.






MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE



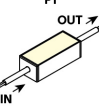

24VDC Linear Fixtures - Recessed

SW ENC LENGTHS BY INCH

EXACT LENGTH

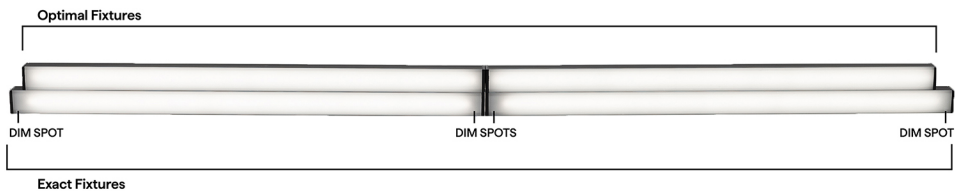
Requested Length	Potential dim spot on either end of a S1 fixture <div>S1  End Feed</div>
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

OPTIMAL LENGTH

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
	S1  End Feed	S2  Bottom Feed	P1  End Feed	P2  Bottom Feed
12"	11.50"		11.75"	
13"	12.50"		12.75"	
14"	13.50"		13.75"	
15"	14.50"		14.75"	
16"	15.50"		15.75"	
17"	16.50"		16.75"	
18"	17.50"		17.75"	
19"	18.50"		18.75"	
20"	19.50"		19.75"	
21"	20.50"		20.75"	
22"	21.50"		21.75"	
23"	22.50"		22.75"	
24"	23.50"		23.75"	
36"	35.50"		35.75"	
48"	47.50"		47.75"	
60"	59.50"		59.75"	
72"	71.50"		71.75"	
84"	83.50"		83.75"	
96"	95.50"		95.75"	

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-ENCAPSULATED (03) STATIC WHITE

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	OUTDOOR
	MICRO 5-SW	MICRO 5-SW
Dim to Black	Q6M-DC+CAP QTM-DC+CAP IQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED


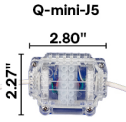







MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-SW	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	
ECO System	QTM-eLED(E)	
DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

COMPATIBLE WIRING ACCESSORIES

 <p>Q-mini-J</p> <p>2"</p> <p>1.25"</p> <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p>	 <p>Q-mini-J5</p> <p>2.80"</p> <p>2.27"</p> <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p>	 <p>BARREL-EXT</p> <p>8ft barrel cable extender DRY ONLY</p>	 <p>BARREL FOUR-FER</p> <p>Splits lead from one to four LED Barrel connector fixtures, DRY/DMP</p>	 <p>CON120-EXT</p> <p>10ft Con cable extender DRY/DMP/WET</p>	 <p>CON FOUR-FER</p> <p>Splits lead from one to four LED Con connectors DRY/DMP/WET</p>	 <p>CON M - BARREL F</p> <p>Male con to barrel cable adaptor DRY/DMP</p>
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COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE





MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage