

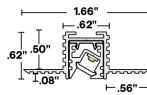


TEST MICRO MUDIN CONFIG

24VDC Linear Fixtures - Recessed



Declare.



- 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
- 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
POP-MD-01-SW													

Sample Part Number: POP-MD-01-SW-4.0-30-DRY-DF-S1A-BW-CLS-WH-CL2-MG-SP-48"-E

A1 PRODUCT POP-MD-01-SW See following pages for compatible power supplies.	A2 WATTS/FT 1.0 1.0W/ft 2.0 2.0W/ft 4.0 4.0W/ft 1.0 1.0W/ft 2.0 2.0W/ft 4.0 4.0W/ft	A3 CCT 20 2000K 22 2200K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K	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 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") Connector/Wire Out needed to specify product. Typical selection is CLS or BW. 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)		
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	A13 LENGTH (IN) Fixture length min 12", max 98.43" not including end caps. Tolerance +0 - 1/8". Consult factory for lengths under 12".
				A14 EXACT/OPTIMAL E Exact specified length O Optimal illumination Exact fixtures are the exact length specified +0 - 1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.

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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B. MUD-IN HOUSING

B1	B2
PRODUCT	LENGTH
POP-MD	

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

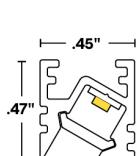
B1	PRODUCT	B2	LENGTH
	POP-MD		<p>FCN Field Cuttable CTL Cut to Length</p> <p>Full length 98.43" housings will be sent for field cuttable specifications. Quantity will be determined by dividing the POP fixture measurements by 98.43 and rounding up. Cut to length housing specifications will be the length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



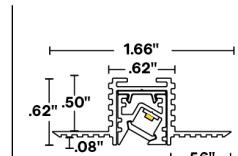
TEST MICRO MUDIN CONFIG

24VDC Linear Fixtures - Recessed

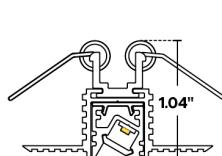
A1 PRODUCT - DIMENSIONS



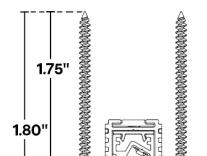
Profile



Profile with mud-in accessory



Profile with mud-in accessory and spring clip



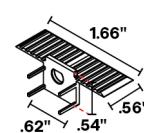
Profile with mud-in accessory and screw mount

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 = 70000 hrs]

Tested with POP-01-SW-**-30-DRY

	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
PR	42	97	85	98	198	98
DF	38	97	74	98	178	98

A5 DIODE VISIBILITY



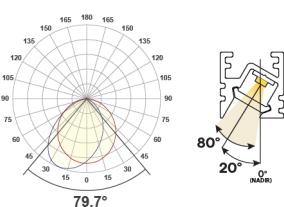
DF - Diffused lens

PR - Polar lens

PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.

4W/ft



DF lens at 3000K



TEST MICRO MUDIN CONFIG

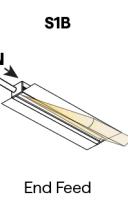
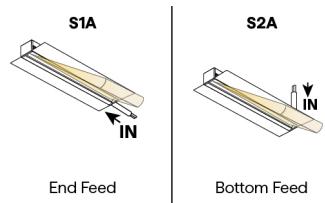
24VDC Linear Fixtures - Recessed

TEMPERATURE RATINGS

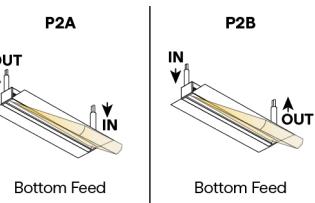
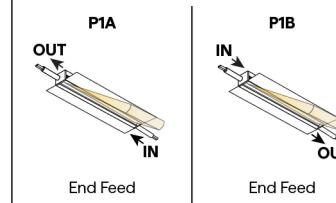
		1.0 W/FT		2.0 W/FT		4.0 W/FT	
		Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Recessed	-4°F	135°F	-4°F	130°F	-4°F	110°F
DMP	Ambient Operating Temp - Recessed	-4°F	130°F	-4°F	125°F	-4°F	105°F

A6 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

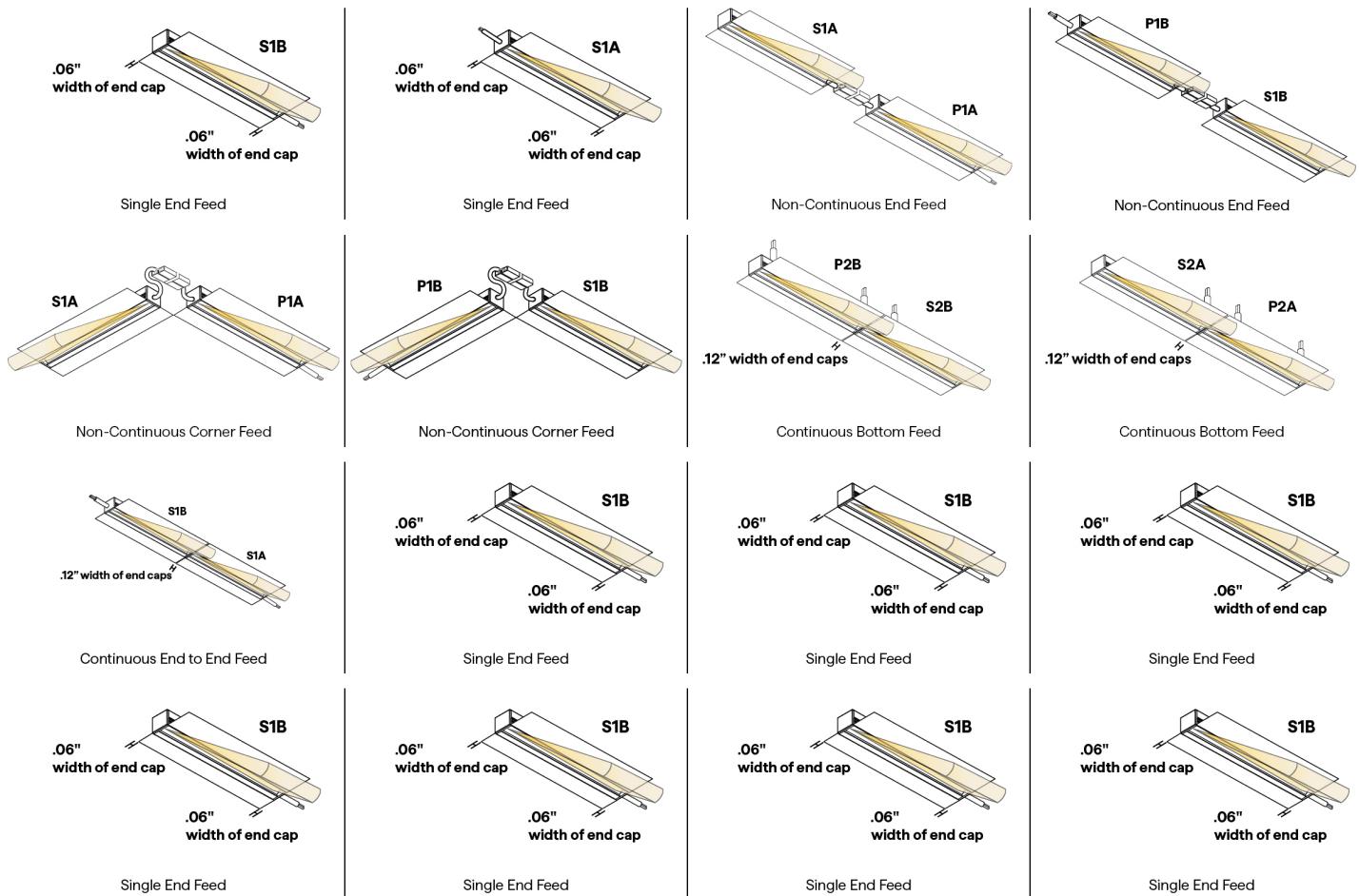




TEST MICRO MUDIN CONFIG

24VDC Linear Fixtures - Recessed

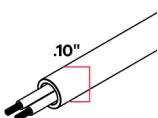
CONFIGURATION OPTIONS



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"
Stranded 22 AWG

A9 WIRE COLOR



White

Black



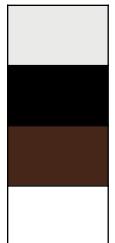
TEST MICRO MUDIN CONFIG

24VDC Linear Fixtures - Recessed

A11 MOUNTING

POP-MD-MNT-KIT	SP	832	SC
Plastic Clip Kit	Spring Clip	832 Silicone	Screw
2 clips provided for 4' or less; 4 clips provided for greater than 4'	Only to be used with mud-in accessory	Sold separately	6 #6x1.75" flat head screws are provided for each full length of MUD-IN
To order separately use POP- MD-MNT-KIT	4 clips provided for each full length of MUD-IN		
Each clip comes with a #4 x 3/16 Flat Head SS" and two #6 x 1/8" long set screws	To order separately use SP-02		

A12 FINISH



Satin

Black

Bronze

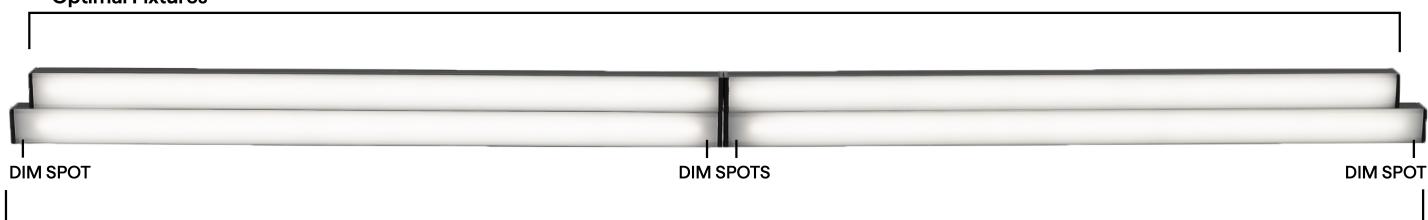
White

Custom color available

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.

Optimal Fixtures



Exact Fixtures



TEST MICRO MUDIN CONFIG

24VDC Linear Fixtures - Recessed

SW DRY DMP LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
12"	.5"
13"	.5"
14"	.5"
15"	.5"
16"	.5"
17"	.5"
18"	.5"
19"	.5"
20"	.5"
21"	.5"
22"	.5"
23"	.5"
24"	.5"
36"	.5"
48"	.5"
60"	.5"
72"	.5"
84"	.5"
96"	.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"	11.5"			11.75"
13"	12.5"			12.75"
14"	13.5"			13.75"
15"	14.5"			14.75"
16"	15.5"			15.75"
17"	16.5"			16.75"
18"	17.5"			17.75"
19"	18.5"			18.75"
20"	19.5"			19.75"
21"	20.5"			20.75"
22"	21.5"			21.75"
23"	22.5"			22.75"
24"	23.5"			23.75"
36"	35.5"			35.75"
48"	47.5"			47.75"
60"	59.5"			59.75"
72"	71.5"			71.75"
84"	83.5"			83.75"
96"	95.5"			95.75"

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-SW	
Dim to Black		Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1
0.1%		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-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%		QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED(E) QTM-eLF+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	

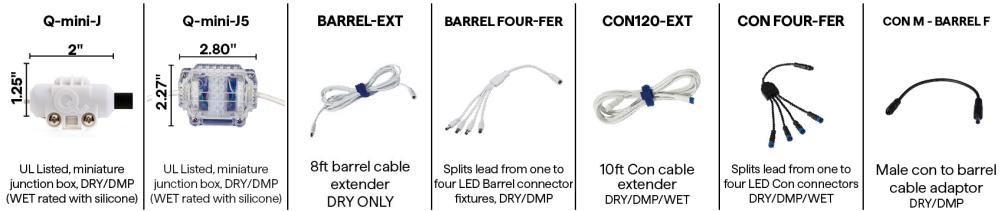


TEST MICRO MUDIN CONFIG

24VDC Linear Fixtures - Recessed

DIMMING PROTOCOL	INDOOR
	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-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 iQ-PH+QD1
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
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
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
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle

COMPATIBLE WIRING ACCESSORIES



COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity



TEST MICRO MUDIN CONFIG

24VDC Linear Fixtures - Recessed

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage