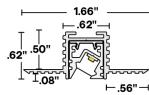




MICRO 5 POP MUD-IN-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed



Red List Approved
Declare.

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
2.0		ENC	TL										

Sample Part Number: POP-MD-03-DW-2.0-24/30-ENC-TL-S1A-BW-CLS-WH-CL2-SP-ST-48"-E

A1 PRODUCT POP-MD-03-DW POP-MD-03-DW-USA Select USA option for BAA and BABA projects. LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.	A2 WATTS/FT 2.0 2.0W/ft	A3 CCT 24/30 2400K/3000K 27/40 2700K/4000K	A4 RATED ENC IP67	A5 LENS TL Translucent 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)		
P1A Pass Through 1 (Input/output) - End Feed P1B Pass Through 1 (Input/output) - End Feed P2A Pass Through 2 (Input/output) - Bottom Feed P2B Pass Through 2 (Input/output) - Bottom Feed For continuous mounting, consider bottom 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)	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-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

B. MUD-IN HOUSING

B1	PRODUCT	B2	LENGTH
	POP-MD		

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

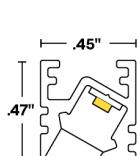
B1	PRODUCT	B2	LENGTH
	POP-MD	FCN CTL	Field Cuttable Cut to Length Full length 98.43" housings will be sent for field cuttable specifications. Quantity will be determined by dividing the POP fixture measurements by 98.43 and rounding up. Cut to length housing specifications will be the length of the POP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



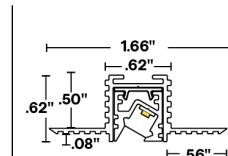
MICRO 5 POP MUD-IN-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

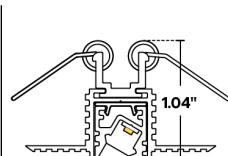
A1 PRODUCT - DIMENSIONS



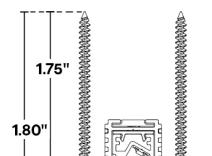
Profile



Profile with mud-in accessory



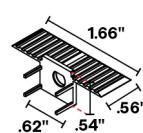
Profile with mud-in accessory and spring clip



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 = 40000 hrs]

Tested with POP-03-DW-2.0-**-ENC

	3000K	
	LM/FT	CRI
TL	60	95

A5 DIODE VISIBILITY



ENC/TL - Translucent encapsulation

TEMPERATURE RATINGS

	DW 2.0 W/FT		DW 4.0 W/FT	
	QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
	Min	Max	Min	Max
Ambient Operating Temp - Recessed	-4°F	120°F	-4°F	100°F

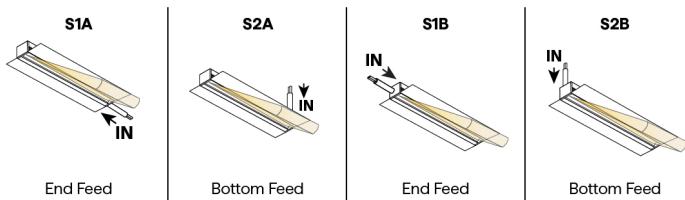


MICRO 5 POP MUD-IN-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

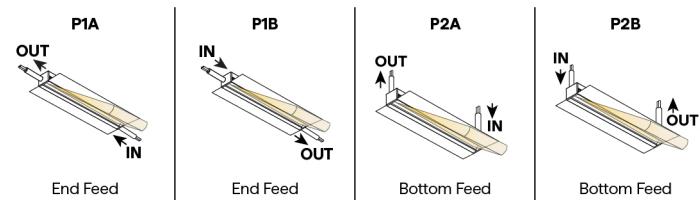
24VDC Linear Fixtures - Recessed

A6 WIRE INPUT/OUTPUT

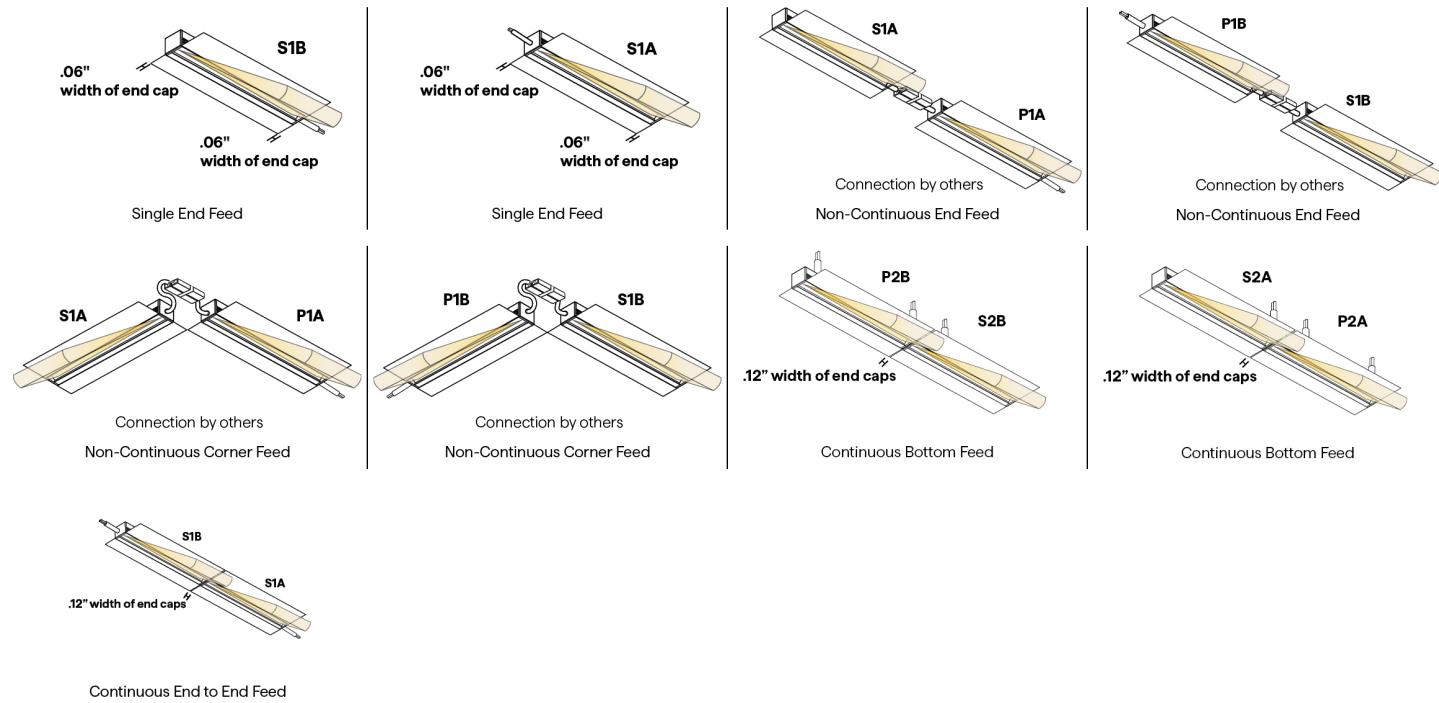
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



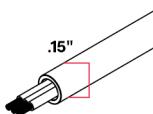
CONFIGURATION OPTIONS



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



White

Black



MICRO 5 POP MUD-IN-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

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	To order separately use SP-02	
Each clip comes with a #4 x 3/16 Flat Head SS" and two #6 x 1/8" long set screws			

A12 FINISH



Satin

Black

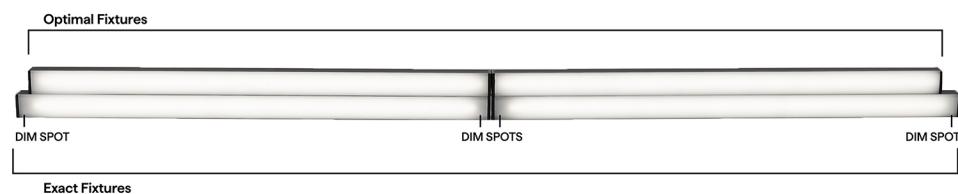
Bronze

White

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) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

DW ENC LENGTHS BY INCH

EXACT LENGTH

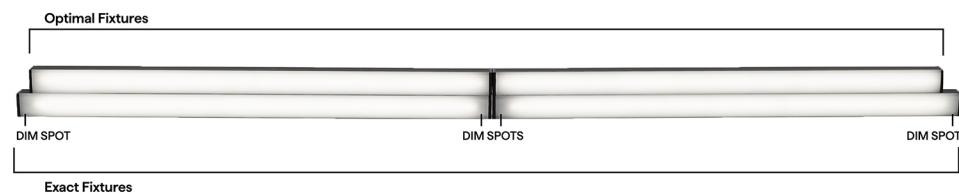
Requested Length	Potential dim spot on either end of a S1 fixture
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

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-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

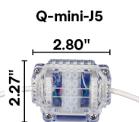
COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	OUTDOOR
	MICRO 5-DW Warm Dim Applications	MICRO 5-DW Warm Dim Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DMX QZ-DW	Q-SET-QZ-DW QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+WD QZ-DMX QZ-DW
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with WD App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-DW Warm Dim Applications	MICRO 5-DW Warm Dim Applications
Phase	QZ-DW	Q-SET-QZ-DW QZ-DW
0-10V	QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	Q-SET-QZ-DW QOM-eLED+WD QZ-DW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-AWN	
DMX LED wattage must be doubled for DW-HE products	QZ-DMX	QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6	QOM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with WD App Dongle	

COMPATIBLE WIRING ACCESSORIES



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)



MICRO 5 POP MUD-IN-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage