

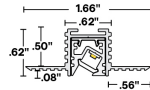
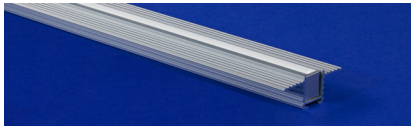


# MICRO 5 POP MUD-IN-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed



Declare.



- Recessable MICRO 5 fixture with a 90° focused beam 30° off-nadir
- The asymmetric fixture allows for light to be thrown at an angle without the need to adjust the mounting
- Excellent solution for drywall applications
- Consult factory for field assembly options

## 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-01-DW	2.0		DRY										

Sample Part Number: POP-01-DW-2.0-2.0/30-DRY-DF-S1A-BW-CLS-WH-CL2-SP-ST-48"-E

<div>A1</div> <div>PRODUCT</div> <div>POP-01-DW</div> <div>See following pages for compatible power supplies.</div>	<div>A2</div> <div>WATTS/FT</div> <div>2.02.0W/ft</div>	<div>A3</div> <div>CCT</div> <div>20/272000K/2700K 20/302000K/3000K 27/402700K/4000K 27/552700K/5500K</div>	<div>A4</div> <div>RATED</div> <div>DRYIP20</div>	<div>A5</div> <div>LENS</div> <div>DFDiffused PRPolar</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>BWCON6CON24</div> <div>Bare Wire (Standard 24") Connector 6" Connector 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>BWCON6CON24</div> <div>Bare Wire (Standard 24") Connector 6" Connector 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>CLS</div> <div>Closed End (No feed)</div> <div>BWCON6CON24</div> <div>Bare Wire (Standard 24") Connector 6" Connector 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>Plastic Clips are provided when ordering Spring Clip or Screw</div>	<div>A12</div> <div>FINISH</div> <div>STSatin BKBlack BZBronze WHWhite CUCustom</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-FLAT (01) FOR TUNABLE APPLICATIONS**  
24VDC Linear Fixtures - Recessed

B. MUD-IN HOUSING

B1		B2	
PRODUCT		LENGTH	

B1	PRODUCT	B2	LENGTH

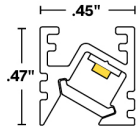
PRELIMINARY  
SUBJECT TO CHANGE



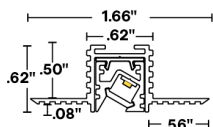
# MICRO 5 POP MUD-IN-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed

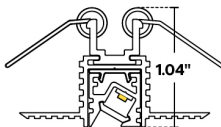
## A1 PRODUCT - DIMENSIONS



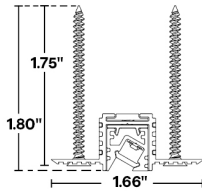
Profile



Profile with mud-in accessory



Profile with mud-in accessory and spring clip



Profile with mud-in accessory and screw mount

## A2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with POP-01-DW-2.0-\*\*-DRY

	2000K		2700K		3000K		4000K		5500K	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
PR	77	93	89	98	93	98	95	97	100	97
DF	69	93	81	98	83	98	86	97	93	97

## A5 DIODE VISIBILITY

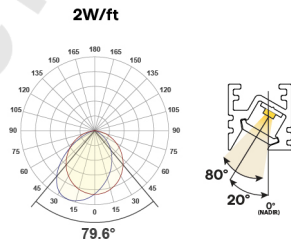


DF - Diffused lens

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 at 3000K



# MICRO 5 POP MUD-IN-FLAT (01) FOR TUNABLE APPLICATIONS

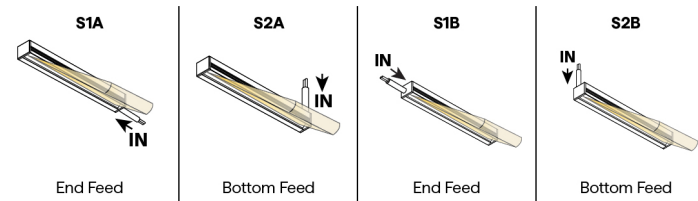
24VDC Linear Fixtures - Recessed

## TEMPERATURE RATINGS

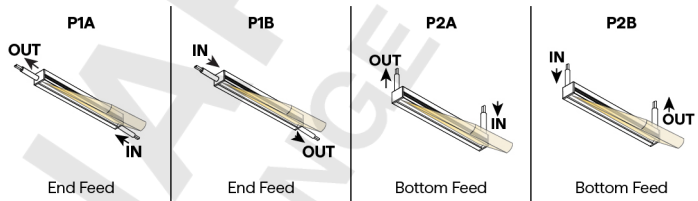
		DW 2.0 W/FT			
		Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran power supply	
		Min	Max	Min	Max
DRY	Ambient Operating Temp - Recessed	-4°F	130°F	-4°F	110°F

## A6 WIRE INPUT/OUTPUT

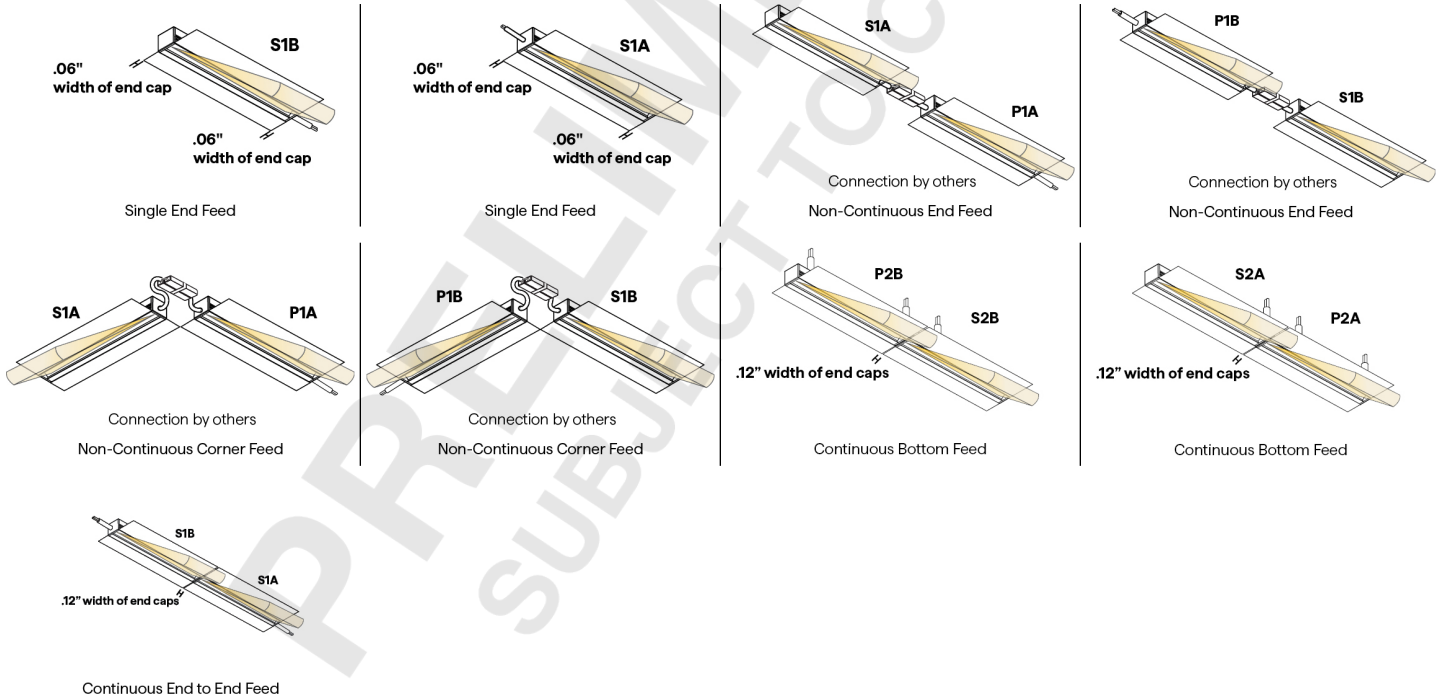
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



## CONFIGURATION OPTIONS





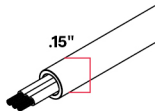
# MICRO 5 POP MUD-IN-FLAT (01) FOR TUNABLE APPLICATIONS

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

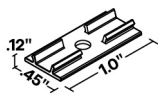
## A9 WIRE COLOR



White  
Black

## A11 MOUNTING

PL



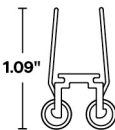
Plastic Clip

2 clips provided for 4' or less;  
4 clips provided for greater  
than 4'

To order separately use  
PLC-16; PL provided with  
MDIN

Each clip comes with a #4 x  
5/8" Flat Head SS"

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

6 #6x32, 3/8" long 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

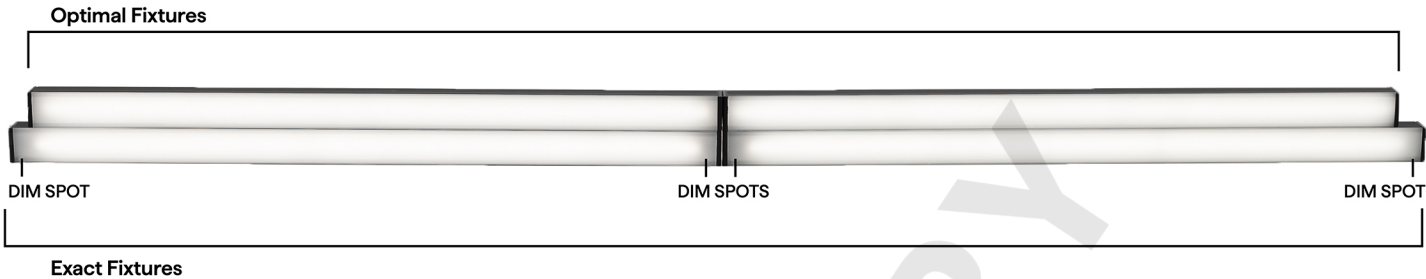


# MICRO 5 POP MUD-IN-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed

## 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.



## DW DRY LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal 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"	1"
13"	.5"
14"	1"
15"	.5"
16"	1"
17"	.5"
18"	1"
19"	.5"
20"	1"
21"	.5"
22"	1"
23"	.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

### OPTIMAL LENGTH: highlighted rows are closest to requested nominal 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"		10.5"		10.75"
13"		12.5"		12.75"
14"		12.5"		12.75"
15"		14.5"		14.75"
16"		14.5"		14.75"
17"		16.5"		16.75"
18"		16.5"		16.75"
19"		18.5"		18.75"
20"		18.5"		18.75"
21"		20.5"		20.75"
22"		20.5"		20.75"
23"		22.5"		22.75"
24"		22.5"		22.75"
36"		34.5"		34.75"
48"		46.5"		46.75"
60"		58.5"		58.75"
72"		70.5"		70.75"
84"		82.5"		82.75"
96"		94.5"		94.75"



# MICRO 5 POP MUD-IN-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed

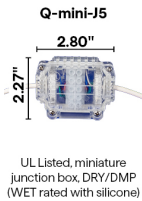
## COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	MICRO 5-DW Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QTM-eLED+TW-AWN
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle

DIMMING PROTOCOL	INDOOR
	MICRO 5-DW Tunable Applications
0-10V	QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+TW QTM-eLED+TW-AWN
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+TW-AWN
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-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
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle

## COMPATIBLE WIRING ACCESSORIES





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

PRELIMINARY  
SUBJECT TO CHANGE