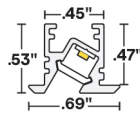
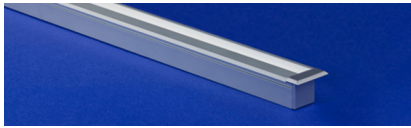




MICRO 5 POP FLANGE-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed



- MICRO 5 Series linear LED flanged fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- Asymmetric fixture with a 75° focused beam 20° off-nadir
- Ideal for recessed installations that call for low-profile light in small areas
- Used in applications where CCT and brightness need to be controlled separately
- When using DALI and DMX power supplies, LED wattage must be doubled
- Consult factory for field assembly options

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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		DRY										

Sample Part Number: **POPF-01-DW-2.0-20/30-DRY-DF-S1A-BW-CLS-WH-CL2-MG-ST-48"-E**

<div><div>1</div><div>PRODUCT</div><div>POPF-01-DW POPF-01-DW-USA</div><div>Select USA option for BAA and BABA projects.</div><div>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.</div></div>	<div><div>2</div><div>WATTS/FT</div><div>2.02.0W/ft</div></div>	<div><div>3</div><div>CCT</div><div>20/272000K/2700K 20/302000K/3000K 27/402700K/4000K 27/552700K/5500K</div></div>	<div><div>4</div><div>RATED</div><div>DRYIP20</div></div>	<div><div>5</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>	
<div><div>6</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>	<div><div>7</div><div>CONNECTOR/WIRE IN</div><div>BWBare Wire (Standard 24") CON6Connector 6" CON24Connector 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") CON6Connector 6" CON24Connector 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>	<div><div>8</div><div>CONNECTOR/WIRE OUT</div><div>CLSClosed End (No feed)</div><div>BWBare Wire (Standard 24") CON6Connector 6" CON24Connector 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>			
<div><div>9</div><div>WIRE COLOR</div><div>WHWhite BKBlack</div></div>	<div><div>10</div><div>WIRE TYPE</div><div>CL2Class 2 CL2PPlenum Rated</div><div>CL2P only available with bare wire leads (BW)</div></div>	<div><div>11</div><div>MOUNTING</div><div>MGMagnet 832832 Silicone SPSpring Clip PLPlastic Clip</div></div>	<div><div>12</div><div>FINISH</div><div>STSatin BKBlack BZBronze WHWhite CUCustom</div></div>	<div><div>13</div><div>LENGTH (IN)</div><div>Minimum length is 12", maximum length is 98.43" not including end caps. Contact</div></div>	<div><div>14</div><div>EXACT/OPTIMAL</div><div>EExact specified length OOptimal illumination</div></div>

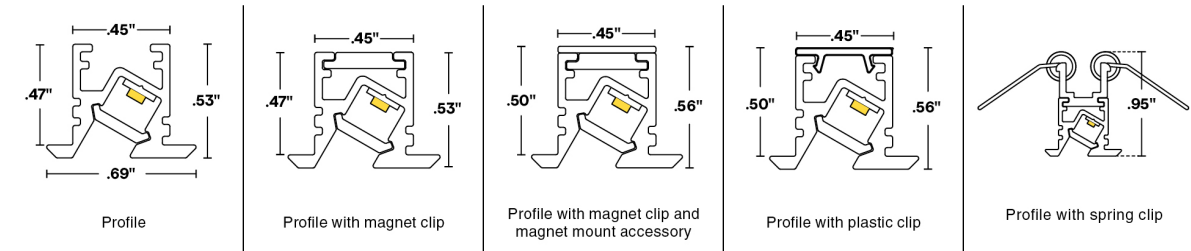
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



MICRO 5 POP FLANGE-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed

1 PRODUCT - DIMENSIONS

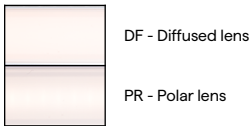


2 DELIVERED LUMENS

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

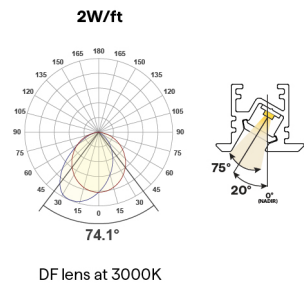
	2000K		2700K		3000K		4000K		5500K	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
PR	76	93	87	98	92	98	94	97	99	97
DF	69	93	79	98	83	98	85	97	92	97

5 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

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



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
DRY	Ambient Operating Temp - Recessed	-4°F	130°F	-4°F	110°F

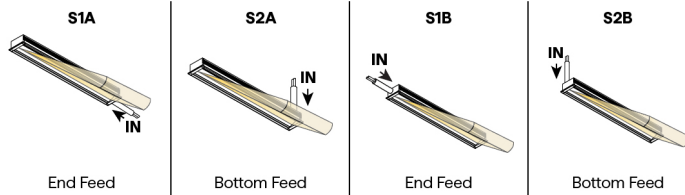


MICRO 5 POP FLANGE-FLAT (01) FOR TUNABLE APPLICATIONS

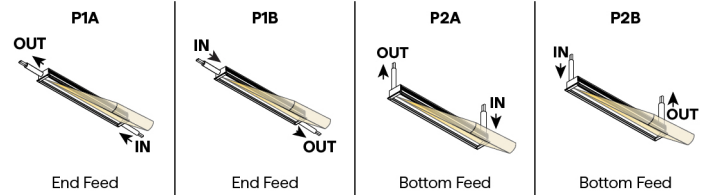
24VDC Linear Fixtures - Recessed

6 WIRE INPUT/OUTPUT

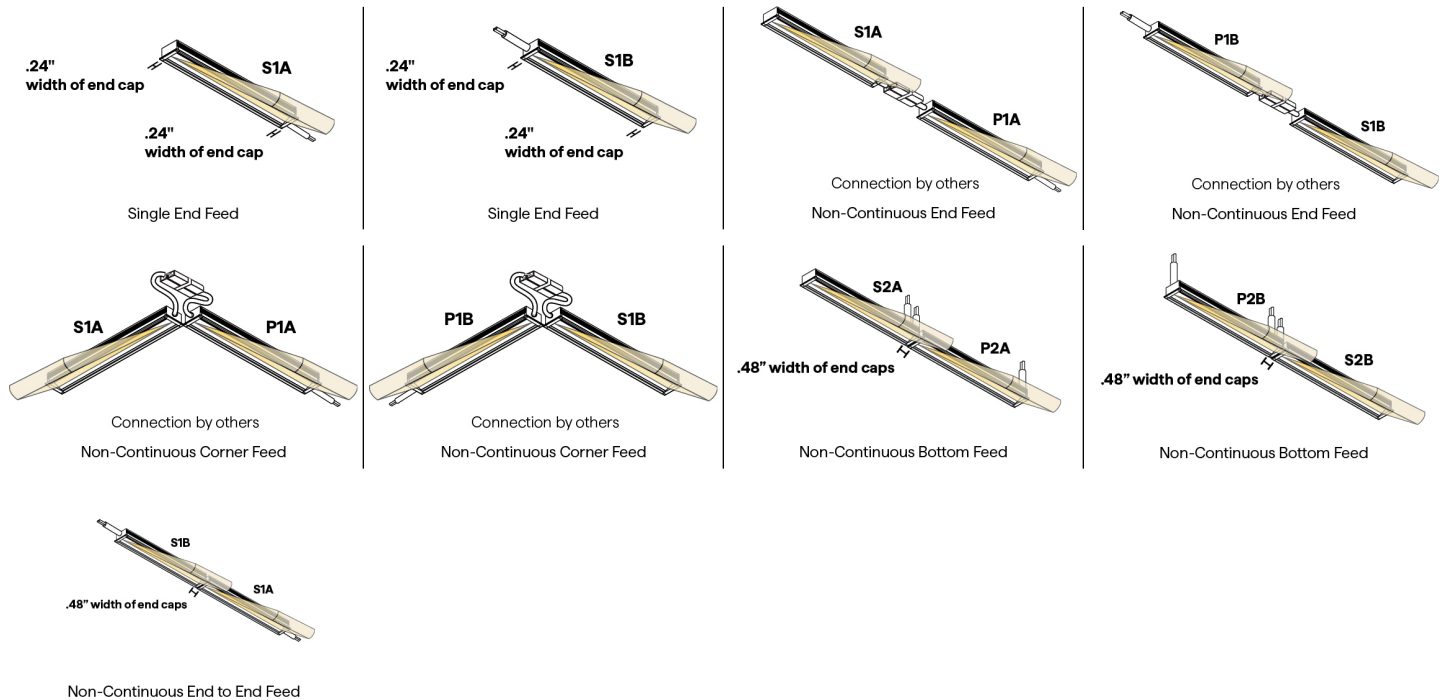
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

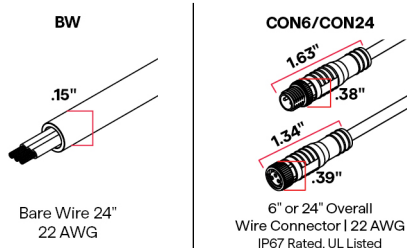


CONFIGURATION OPTIONS



7 / 8 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



9 WIRE COLOR





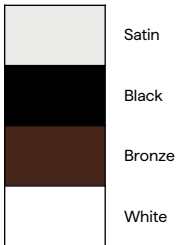
MICRO 5 POP FLANGE-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed

11 MOUNTING

MG	PL	SP	832	MMA-05
Magnet Clip	Plastic Clip	Spring Clip	832 Silicone	Magnet Mount Accessory for MG-05
One MG provided per foot To order separately use MG-05	2 clips provided for 4' or less; 4 clips provided for greater than 4'	2 clips provided for 4' or less. 4 clips provided for greater than 4'.	Sold separately	Sold separately, to order use MMA-05
	To order separately use PLC-16	To order separately use SP-02		Each bracket comes with 2 #6 x 5/8" Flat Head SS per foot
	Each clip comes with a #6x1/4" and #6x1/2" Flat Head SS			Required when mounting to a non-magnetic surface

12 FINISH



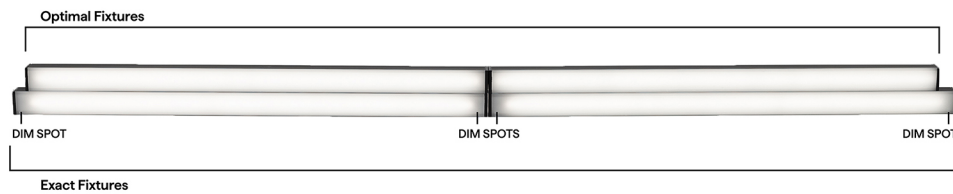
Custom finishes require a longer lead time, consult factory

15 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

[E/O Explained →](#)

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 FLANGE-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed

DW DRY 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

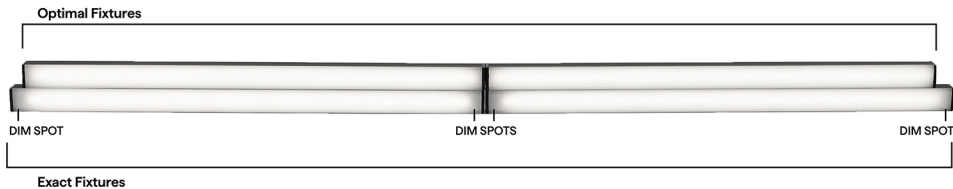
Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
				
12"	10.50"		10.75"	
13"	12.50"		12.75"	
14"	12.50"		12.75"	
15"	14.50"		14.75"	
16"	14.50"		14.75"	
17"	16.50"		16.75"	
18"	16.50"		16.75"	
19"	18.50"		18.75"	
20"	18.50"		18.75"	
21"	20.50"		20.75"	
22"	20.50"		20.75"	
23"	22.50"		22.75"	
24"	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"	

14 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →

E/O Explained →

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 FLANGE-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Recessed

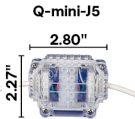
COMPATIBLE POWER SUPPLIES

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



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



MICRO 5 POP FLANGE-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