# MICRO 5 POP FLANGE-FLAT (01)
STATIC WHITE
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
- 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
- Consult factory for field assembly options

.45" .53" .47" .69"

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

① PRODUCT	② WATTS/FT	③ CCT	④ RATED	⑤ LENS

ADDITIONAL INFORMATION REQUIRED TO ORDER

⑥ WIRE INPUT/OUTPUT	⑦ CONNECTOR/WIRE IN	⑧ CONNECTOR/WIRE OUT	⑨ WIRE COLOR	⑩ WIRE TYPE	⑪ MOUNTING	⑫ FINISH	⑬ LENGTH (IN)	⑭ EXACT/OPTIMAL

Sample Part Number: **POPF-01-SW-4.0-30-DRY-DF-S1A-BW-CLS-WH-CL2-MG-ST-48"-E**

① PRODUCT

POPF-01-SW
POPF-01-SW-USA

Select USA option for BAA and BABA projects. Only DRY ratings apply.

See following pages for compatible power supplies.

② 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

③ 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

④ RATED

| DRY | IP20 |

| DMP | IP54 |

⑤ 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

⑥ WIRE INPUT/OUTPUT

SINGLE (Input only)
S1A	End Feed
S1B	End Feed
S2A	Bottom Feed
S2B	Bottom Feed

For continuous mounting, consider bottom feed.

PASS THROUGH (Input/output)
P1A	End Feed
P1B	End Feed
P2A	Bottom Feed
P2B	Bottom Feed

For continuous mounting, consider bottom feed.

⑦ CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 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")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

⑧ CONNECTOR/WIRE OUT

| CLS | Closed End (No feed) |

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

⑨ WIRE COLOR

WH	White
BK	Black
N/A	For Barrel

⑩ WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated
N/A	For Barrel

CL2P only available with bare wire leads (BW)

⑪ MOUNTING

MG	Magnet
832	832 Silicone
SP	Spring Clip
PL	Plastic Clip

⑫ FINISH

ST	Satin
BK	Black
BZ	Bronze
WH	White
CU	Custom

Custom finishes require a longer lead time, consult factory

⑬ LENGTH (IN)

Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".

⑭ 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.

MICRO 5 POP FLANGE-FLAT (01) STATIC WHITE
24VDC Linear Fixtures - Recessed

1 PRODUCT - DIMENSIONS

.45" .47" .53" .69"
Profile

.45" .47" .53"
Profile with magnet clip

.45" .50" .56"
Profile with magnet clip and magnet mount accessory

.45" .50" .56"
Profile with plastic clip

.95"
Profile with spring clip
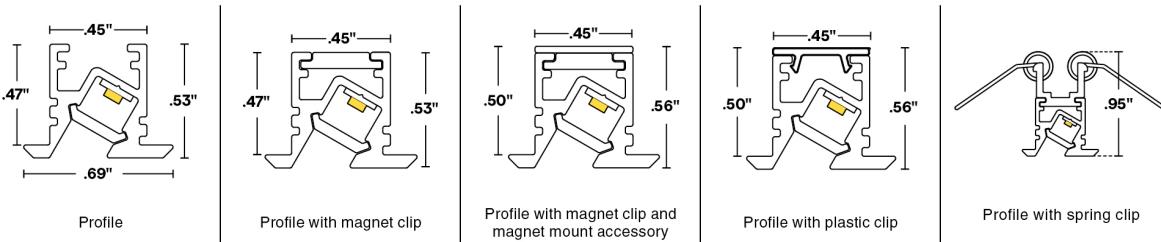
2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with POPF-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	83	98	195	98
DF	38	97	73	98	173	98

5 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

75.5°

75° 20° 0° (NADIR)
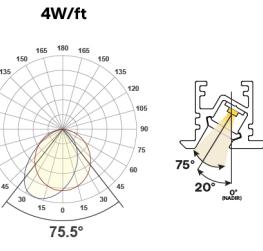
DF lens at 3000K

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

6 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)

S1A	S2A	S1B	S2B
IN	IN	IN	IN
End Feed	Bottom Feed	End Feed	Bottom Feed
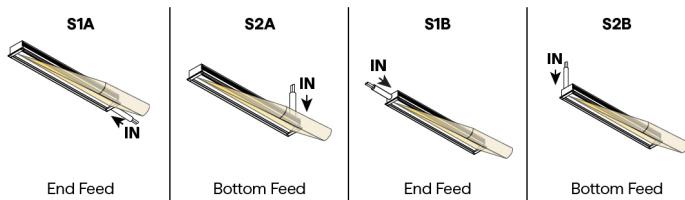
ASYMMETRIC ONLY PASS THROUGH (Input/Output)
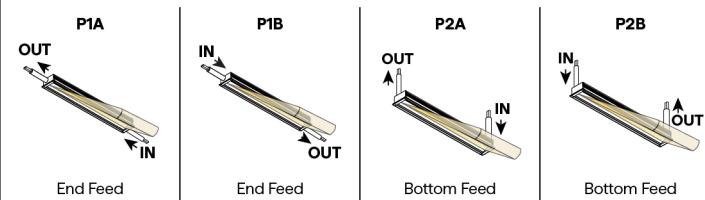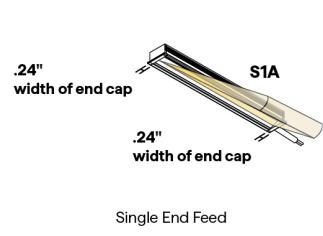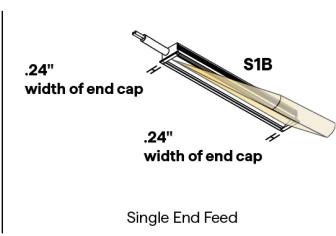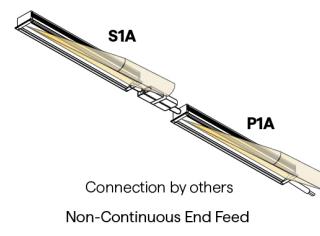
P1A	P1B	P2A	P2B
OUT / IN	IN / OUT	OUT / IN	IN / OUT
End Feed	End Feed	Bottom Feed	Bottom Feed

CONFIGURATION OPTIONS

.24" width of end cap — .24" width of end cap — S1A
Single End Feed

.24" width of end cap — .24" width of end cap — S1B
Single End Feed

S1A / P1A
Connection by others
Non-Continuous End Feed

P1B / S1B
Connection by others
Non-Continuous End Feed

S1A — P1A
Connection by others
Non-Continuous Corner Feed

P1B — S1B
Connection by others
Non-Continuous Corner Feed

S2A — P2A
.48" width of end caps
Non-Continuous Bottom Feed

P2B — S2B
.48" width of end caps
Non-Continuous Bottom Feed
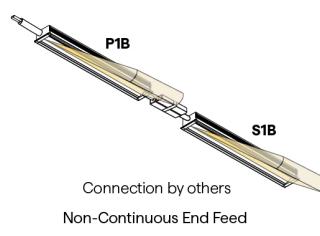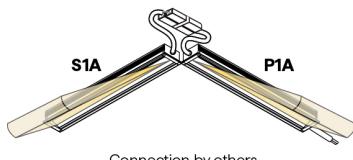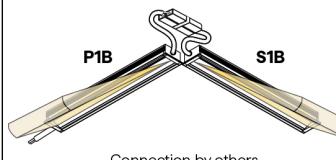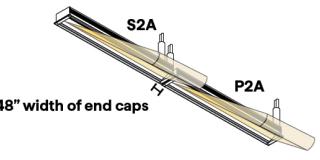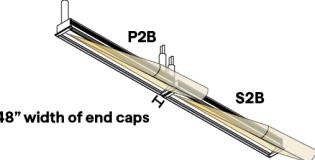
S1B — S1A
.48" width of end caps
Non-Continuous End to End Feed

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

BW
.15"
Bare Wire 24"
22 AWG
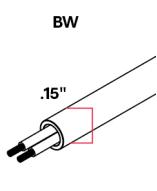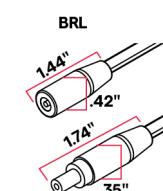
BRL
1.44" / .42"
1.74" / .35"
Barrel 6" - DRY/DMP |
22 AWG

CON6/CON24
1.63" / .38"
1.34" / .39"
6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

9 WIRE COLOR

White
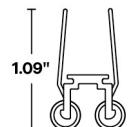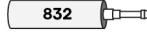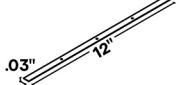
Black

11 MOUNTING

MG	PL	SP	832	MMA-05
.07" 1" .37"	.12" .45" 1.0"	1.09"	832	.03" .45" 12"
Magnet Clip	Plastic Clip	Spring Clip	832 Silicone	Magnet Mount Accessory for MG-05
One MG provided per foot	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 MG-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

Satin

Black

Bronze

White

Custom finishes require a longer lead time, consult factory

14 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

DIM SPOT   DIM SPOTS   DIM SPOT
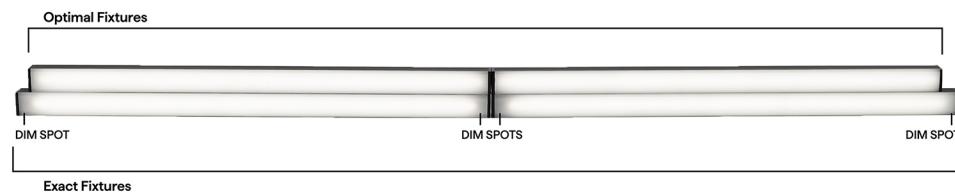
Exact Fixtures

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 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"	.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 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
1%	QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle

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

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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36"
2.58"

Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Read and write
DMX addresses and
adjust voltage