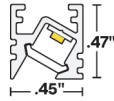
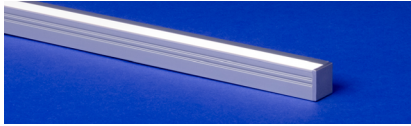




# MICRO 5 POP-FLAT (01)

## STATIC WHITE

### 24VDC Linear Fixtures - Surface & Recessed



- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- Asymmetric fixture with an 80° 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

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

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

1

PRODUCT

POP-01-SW

POP-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

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

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.

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.

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

PL

Plastic Clip

12

FINISH

ST

Satin

BK

Black

BZ

Bronze

WH

White

CU

Custom

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

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

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



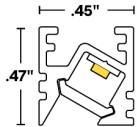
MICRO 5 POP-FLAT (01)

STATIC WHITE

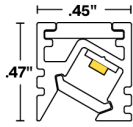
24VDC Linear Fixtures - Surface & Recessed

1

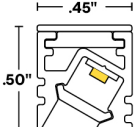
PRODUCT - DIMENSIONS



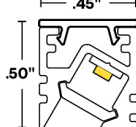
Profile



Profile with magnet clip



Profile with magnet clip and magnet mount accessory



Profile with plastic mounting clip

2

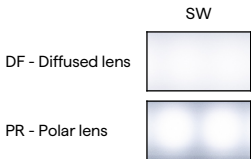
DELIVERED LUMENS

[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

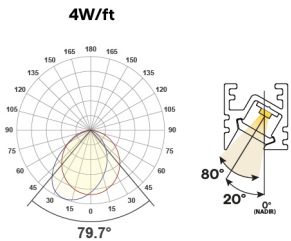
5

DIODE VISIBILITY



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-FLAT (01)

STATIC WHITE

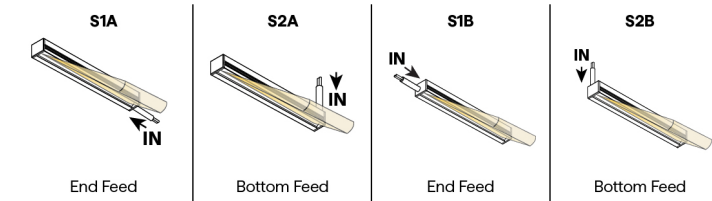
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

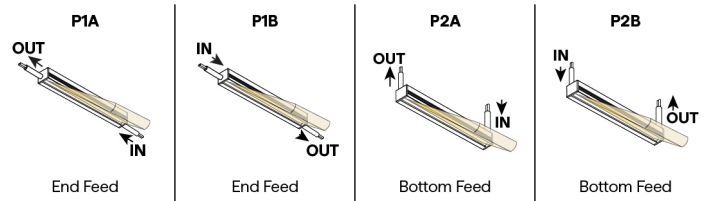
		1.0 W/FT		2.0 W/FT		4.0 W/FT	
		Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Recessed	-4°F	135°F	-4°F	130°F	-4°F	110°F
DMP	Ambient Operating Temp - Recessed	-4°F	130°F	-4°F	125°F	-4°F	105°F

6 WIRE INPUT/OUTPUT

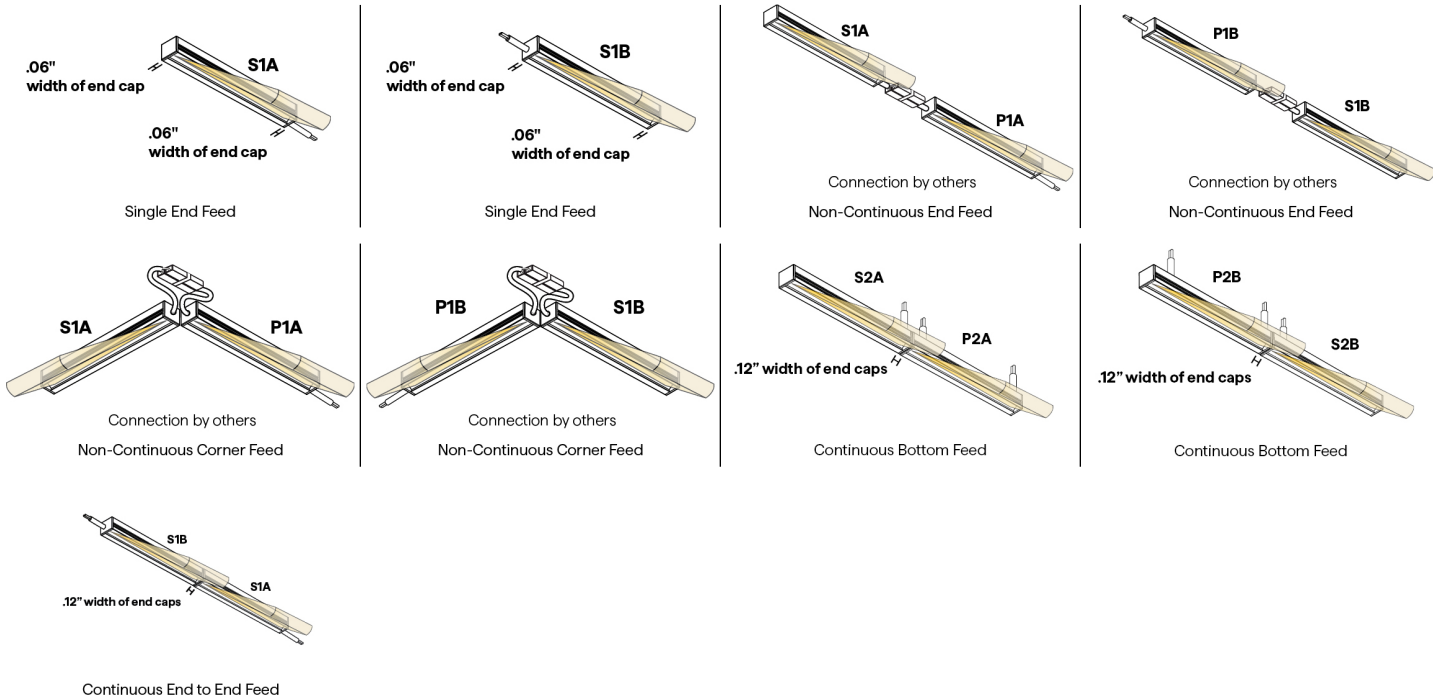
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS





MICRO 5 POP-FLAT (01)

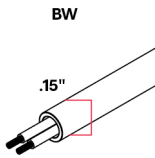
STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

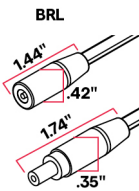
7 / 8

CONNECTOR/WIRE – IN/OUT

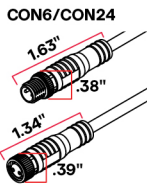
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out



Bare Wire 24"  
22 AWG



Barrel 6" - DRY/DMP I  
22 AWG



6" or 24" Overall  
Wire Connector | 22 AWG  
IP67 Rated, UL Listed

9

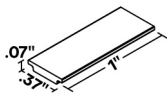
WIRE COLOR



11

MOUNTING

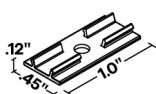
MG



Magnet Clip

One MG provided per foot  
To order separately use  
MG-05

PL



Plastic Clip

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

To order separately use  
PLC-16

Each clip comes with a  
#6x1/4" and #6x1/2" Flat  
Head SS

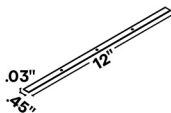
832



832 Silicone

Sold separately

MMA-05



Magnet Mount  
Accessory for MG-05

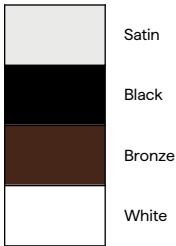
Sold separately, to order use  
MMA-05

Each bracket comes with 2  
#6 x 5/8" Flat Head SS per  
foot

Required when mounting to  
a non-magnetic surface

12

FINISH



Custom finishes require a longer lead time, consult factory



MICRO 5 POP-FLAT (01)

STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

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.



SW DRY DMP LENGTHS BY INCH

EXACT LENGTH

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

OPTIMAL LENGTH

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
	S1	S2	P1	P2
12"	11.50"		11.75"	
13"	12.50"		12.75"	
14"	13.50"		13.75"	
15"	14.50"		14.75"	
16"	15.50"		15.75"	
17"	16.50"		16.75"	
18"	17.50"		17.75"	
19"	18.50"		18.75"	
20"	19.50"		19.75"	
21"	20.50"		20.75"	
22"	21.50"		21.75"	
23"	22.50"		22.75"	
24"	23.50"		23.75"	
36"	35.50"		35.75"	
48"	47.50"		47.75"	
60"	59.50"		59.75"	
72"	71.50"		71.75"	
84"	83.50"		83.75"	
96"	95.50"		95.75"	

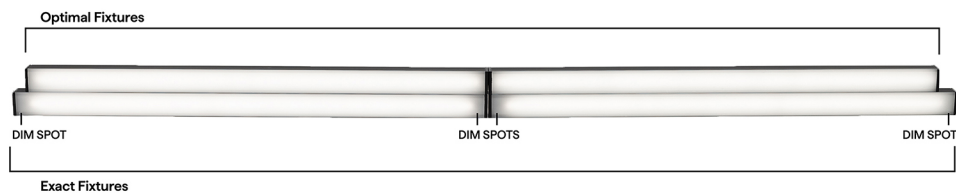
14

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-FLAT (01)

### STATIC WHITE

24VDC Linear Fixtures - Surface & 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-SW
Dim to Black	Q6M-DC+CAP QTM-DC+CAP 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+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


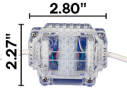







MICRO 5 POP-FLAT (01)

STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE WIRING ACCESSORIES

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

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage