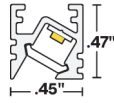
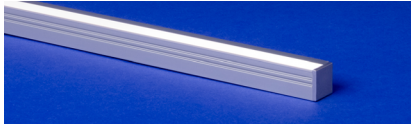




# MICRO 5 POP-FLAT (01) FOR TUNABLE APPLICATIONS

## 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
- 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: **POP-01-DW-2.0-2.0/30-DRY-DF-S1A-BW-CLS-WH-CL2-MG-ST-48"-E**

1

PRODUCT

POP-01-DW

POP-01-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.

2

WATTS/FT

2.0

2.0W/ft

3

CCT

20/27

2000K/2700K

20/30

2000K/3000K

27/40

2700K/4000K

27/55

2700K/5500K

4

RATED

DRY

IP20

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")

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")

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")

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

10

WIRE TYPE

CL2

Class 2

CL2P

Plenum Rated

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

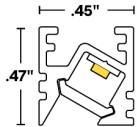
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



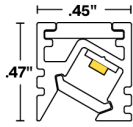
# MICRO 5 POP-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

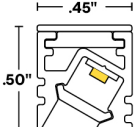
## 1 PRODUCT - DIMENSIONS



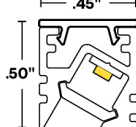
Profile



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-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

## 5 DIODE VISIBILITY

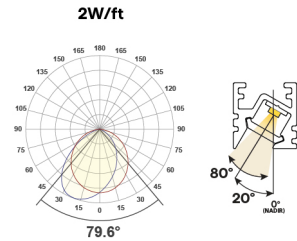


DF - Diffused lens

PR - Polar lens

## PHOTOMETRIC PERFORMANCE

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



DF lens at 3000K

## 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

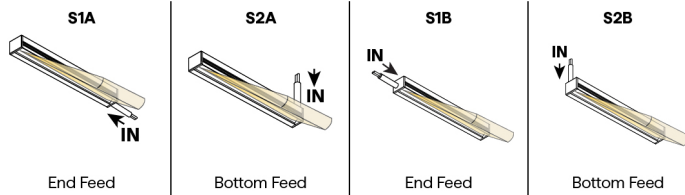


# MICRO 5 POP-FLAT (01) FOR TUNABLE APPLICATIONS

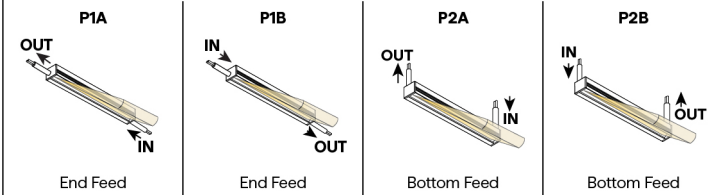
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

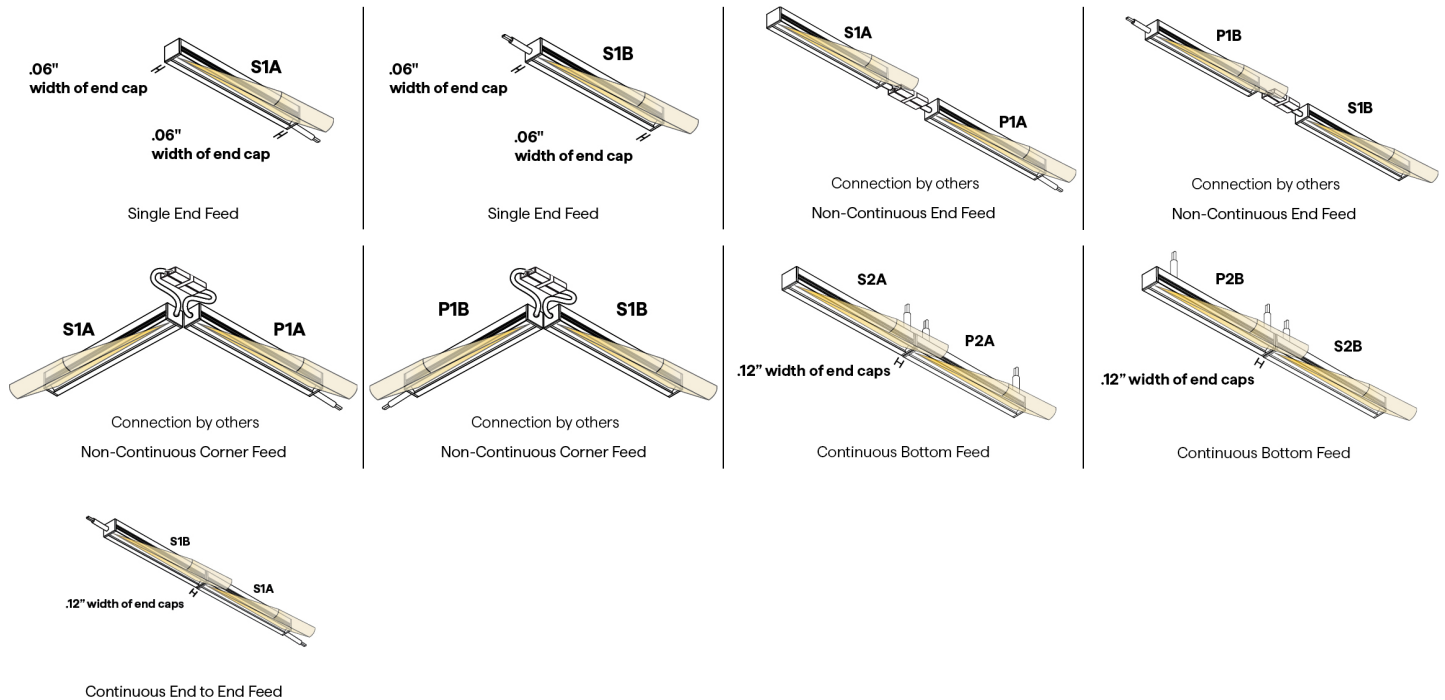
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

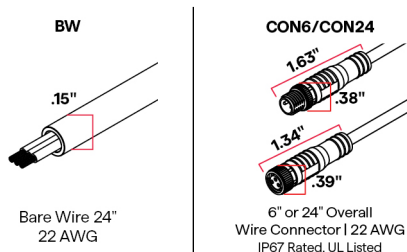


## CONFIGURATION OPTIONS



## 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





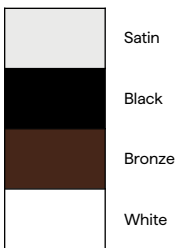
# MICRO 5 POP-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## 11 MOUNTING

MG	PL	832	MMA-05
Magnet Clip	Plastic 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'  To order separately use PLC-16  Each clip comes with a #6x1/4" and #6x1/2" Flat Head SS	Sold separately	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



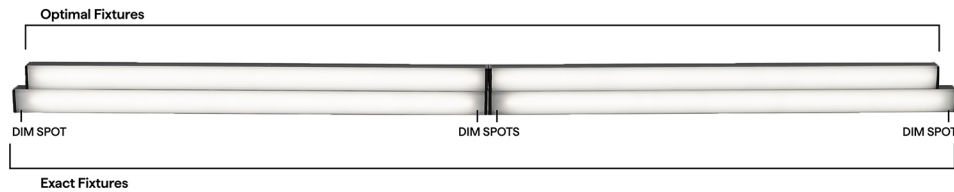
Custom finishes require a longer lead time, consult factory

## 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-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & 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"	

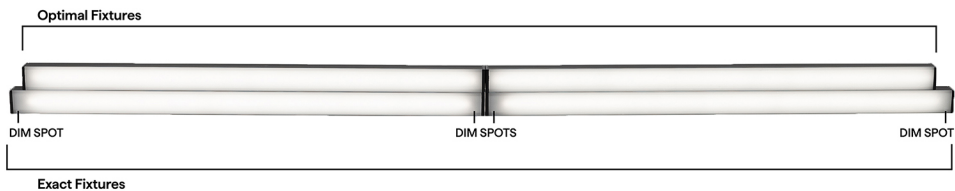
14

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-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

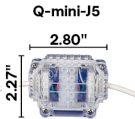
## COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	MICRO 5-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-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage