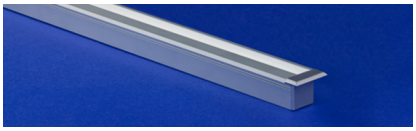
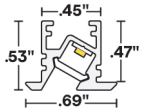
MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM APPLICATIONS

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 to provide warmer CCTs as the light is dimmed
- When using DALI and DMX power supplies, LED wattage must be doubled
- Consult factory for field assembly options

1 PRODUCT	2 WATTS/FT	3 CCT	4 RATED	5 LENS	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
	2.0												

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

1 PRODUCT

POPF-01-DW
POPF-01-DW-USA

Select USA option for BAA and BABA projects. Only DRY ratings apply. DMP options will require custom modifications, contact factory.

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

18/30	1800K/3000K
18/35	1800K/3500K
20/27	2000K/2700K
20/30	2000K/3000K
24/40	2400K/4000K
27/40	2700K/4000K
27/55	2700K/5500K

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")
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
SP	Spring Clip
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

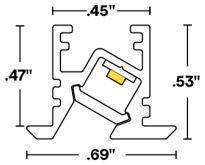
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Specification subject to change. Rev-08-21-26

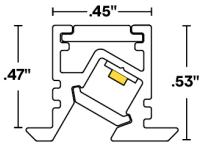
MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

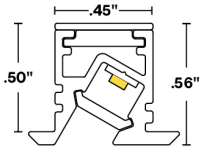
1 PRODUCT - DIMENSIONS



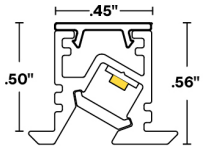
Profile



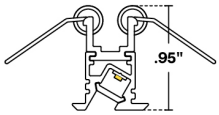
Profile with magnet clip



Profile with magnet clip and magnet mount accessory



Profile with plastic clip



Profile with spring clip

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

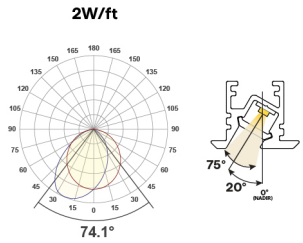


DF - Diffused lens

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

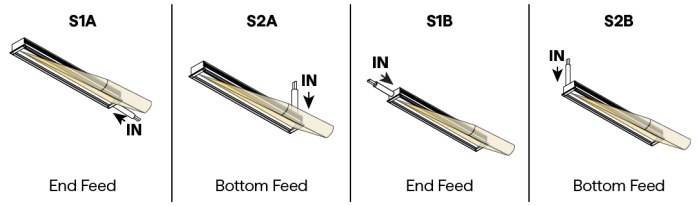
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MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM APPLICATIONS

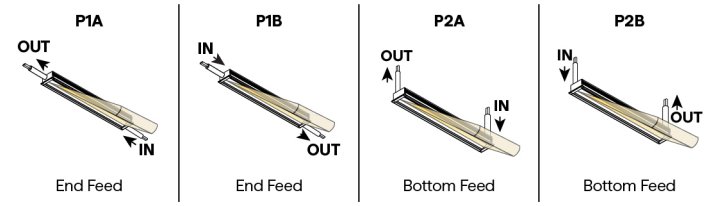
24VDC Linear Fixtures - Recessed

6 WIRE INPUT/OUTPUT

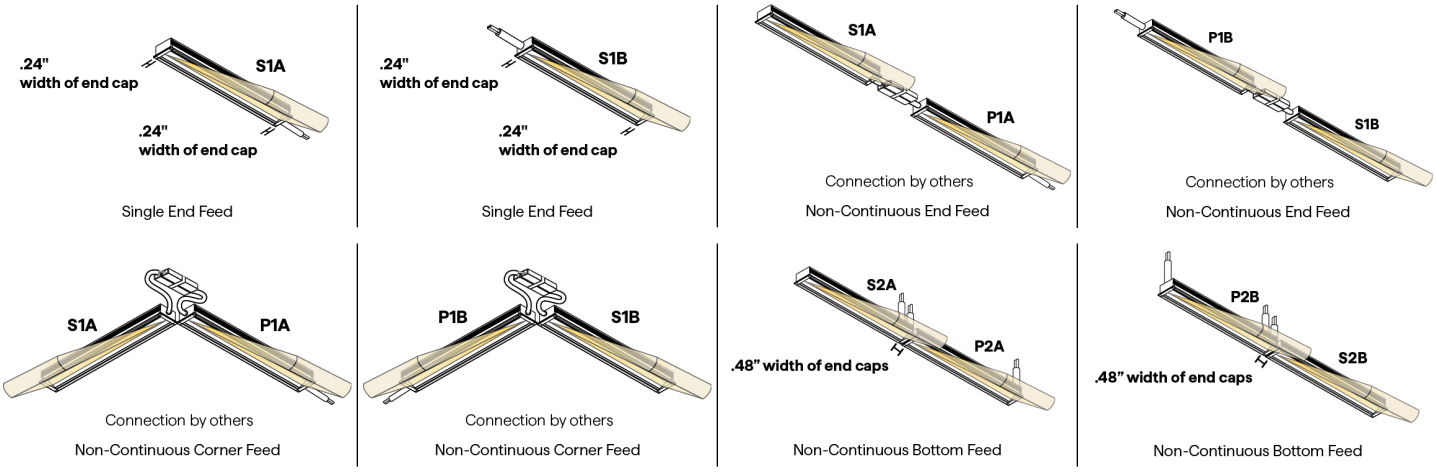
ASYMMETRIC ONLY SINGLE (Input only)

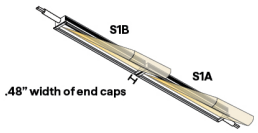


ASYMMETRIC ONLY PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS

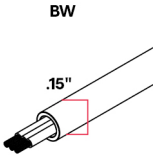




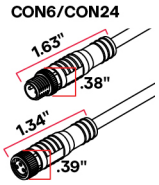
Non-Continuous End to End Feed

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

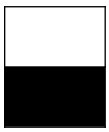


Bare Wire 24"
22 AWG



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

9 WIRE COLOR



White

Black

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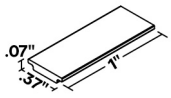
Specification subject to change. Rev-08-21-26

MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

11 MOUNTING

MG

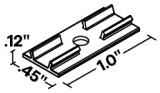


Magnet Clip

One MG provided per foot

To order separately use MG-05

PL



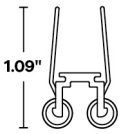
Plastic Clip

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

SP



Spring Clip

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

To order separately use SP-02

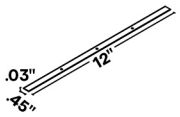
832



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

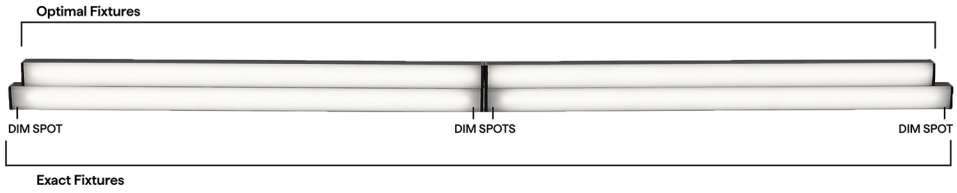
- Satin
- Black
- Bronze
- White

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.



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MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

DW DRY DMP 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"

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 Warm Dim Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DMX QZ-DW
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with WD App Dongle

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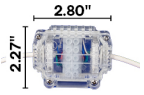
MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

DIMMING PROTOCOL	INDOOR
	MICRO 5-DW Warm Dim Applications
Phase	QZ-DW
0-10V	QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-AWN
DMX LED wattage must be doubled for DW-HE products	QZ-DMX
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 WD App Dongle

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage

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