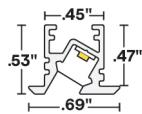
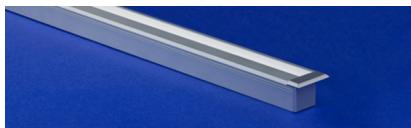




# MICRO 5 POP FLANGE- ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed



## INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS
POPF-03-DW	2.0		ENC	TL

## 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-03-DW-2.0-24/30-ENC-TL-S1A-BW-CLS-WH-CL2-MG-ST-48"-E

<b>1</b> <b>PRODUCT</b>  POPF-03-DW POPF-03-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.	<b>2</b> <b>WATTS/FT</b>  2.0 2.0W/ft	<b>3</b> <b>CCT</b>  24/30 2400K/3000K 27/40 2700K/4000K	<b>4</b> <b>RATED</b>  ENC IP67	<b>5</b> <b>LENS</b>  TL Translucent  For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages
<b>6</b> <b>WIRE INPUT/OUTPUT</b>  <b>SINGLE (Input only)</b> S1A End Feed S1B End Feed S2A Bottom Feed S2B Bottom Feed  For continuous mounting, consider bottom feed.	<b>7</b> <b>CONNECTOR/WIRE IN</b>  BW CON6 CON24 Bare Wire (Standard 24") Connector 6" Connector 24"  BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>8</b> <b>CONNECTOR/WIRE OUT</b>  CLS Closed End (No feed)		
<b>9</b> <b>WIRE COLOR</b>  WH White BK Black	<b>10</b> <b>WIRE TYPE</b>  CL2 Class 2 CL2P Plenum Rated  CL2P only available with bare wire leads (BW)	<b>11</b> <b>MOUNTING</b>  MG 832 Magnet 832 Silicone SP Spring Clip PL Plastic Clip	<b>12</b> <b>FINISH</b>  ST Satin BK Black BZ Bronze WH White CU Custom  Custom finishes require a longer lead time, consult factory	<b>13</b> <b>LENGTH (IN)</b>  Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".
				<b>14</b> <b>EXACT/OPTIMAL</b>  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.

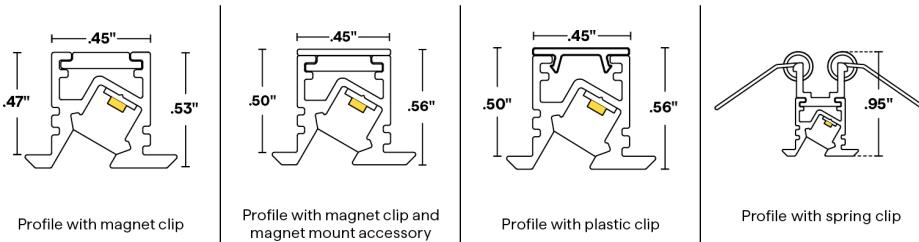
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



# MICRO 5 POP FLANGE-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

## 24VDC Linear Fixtures - Recessed

### 1 PRODUCT - DIMENSIONS



### 2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with POPF-03-DW-2.0-\*\*-ENC

	3000K
LM/FT	CRI
TL	58
	95

### 5 DIODE VISIBILITY



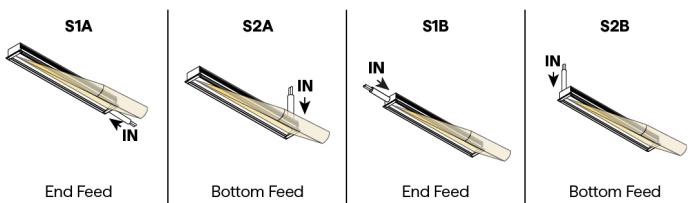
ENC/TL - Translucent encapsulation

### TEMPERATURE RATINGS

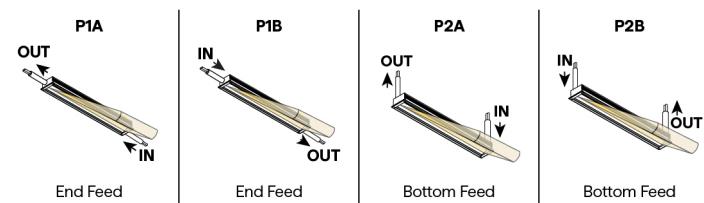
	DW 2.0 W/FT		DW 4.0 W/FT	
	QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
	Min	Max	Min	Max
Ambient Operating Temp - Recessed	-4°F	120°F	-4°F	100°F

### 6 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

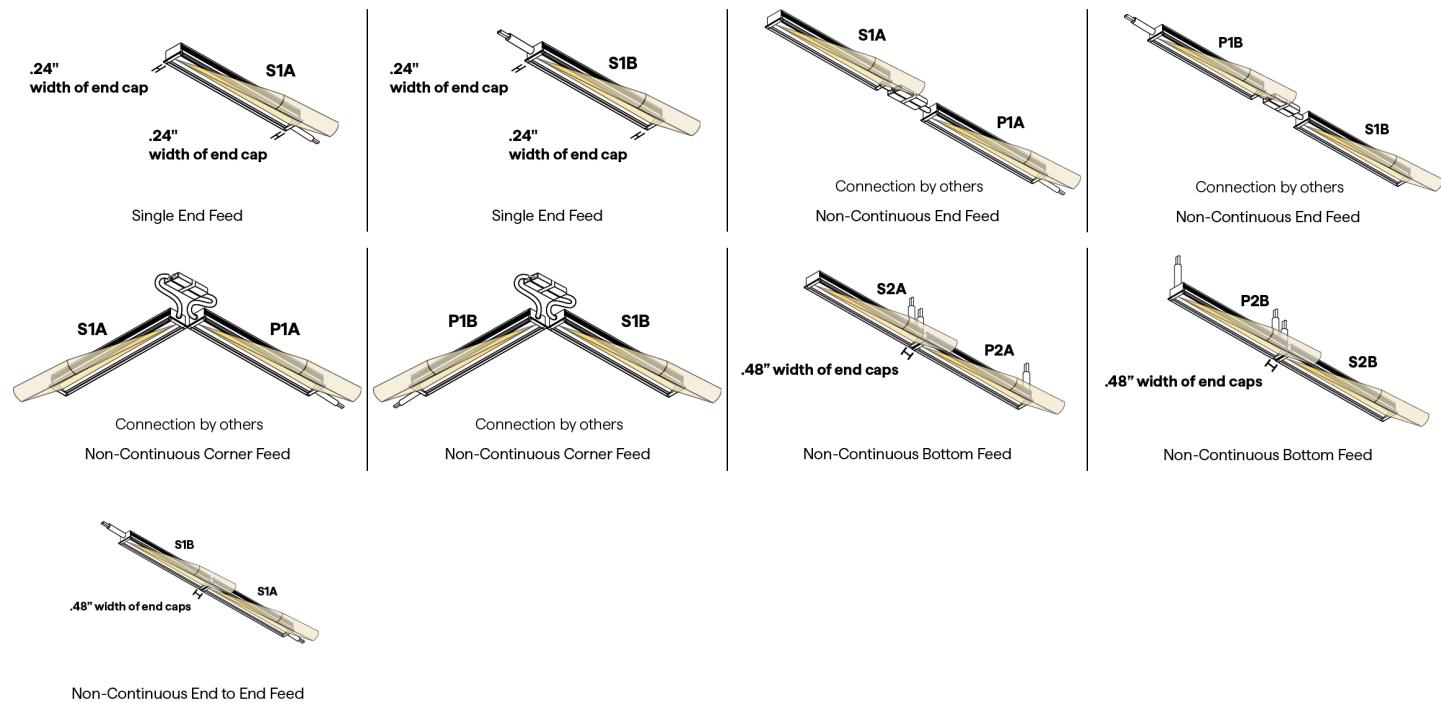




# MICRO 5 POP FLANGE-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

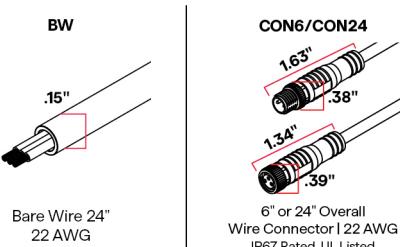
## 24VDC Linear Fixtures - Recessed

### 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

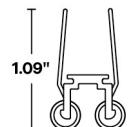
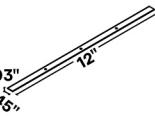




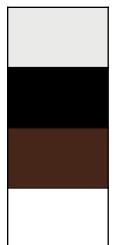
# MICRO 5 POP FLANGE-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

## 24VDC Linear Fixtures - Recessed

### 11 MOUNTING

MG	PL	SP	832	MMA-05
 Magnet Clip .07" x .37" x 1" (W x D x L) One MG provided per foot To order separately use MG-05	 Plastic Clip .12" x .45" x 1.0" (W x D x L) 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	 Spring Clip 1.09" (L) 2 clips provided for 4' or less. 4 clips provided for greater than 4'. To order separately use SP-02	 832 Silicone Sold separately	 Magnet Mount Accessory for MG-05 .03" x .35" x 1.2" (W x D x L) 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

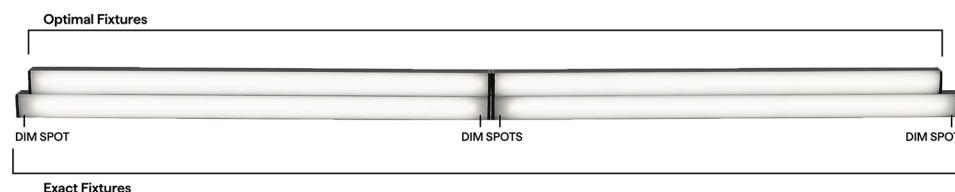
Bronze

White

Custom finishes require a longer lead time, consult factory

### 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.





# MICRO 5 POP FLANGE-ENCAPSULATED (03) FOR WARM DIM

## APPLICATIONS

24VDC Linear Fixtures - Recessed

### DW ENC LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact 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"	1"
13"	5"
14"	1"
15"	.5"
16"	1"
17"	.5"
18"	1"
19"	.5"
20"	1"
21"	.5"
22"	1"
23"	.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

#### OPTIMAL LENGTH: highlighted rows are closest to requested nominal 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"	10.5"			10.75"
13"	12.5"			12.75"
14"	12.5"			12.75"
15"	14.5"			14.75"
16"	14.5"			14.75"
17"	16.5"			16.75"
18"	16.5"			16.75"
19"	18.5"			18.75"
20"	18.5"			18.75"
21"	20.5"			20.75"
22"	20.5"			20.75"
23"	22.5"			22.75"
24"	22.5"			22.75"
36"	34.5"			34.75"
48"	46.5"			46.75"
60"	58.5"			58.75"
72"	70.5"			70.75"
84"	82.5"			82.75"
96"	94.5"			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	OUTDOOR
	MICRO 5-DW Warm Dim Applications	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	Q-SET-QZ-DW QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+WD QZ-DMX QZ-DW
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with WD App Dongle	

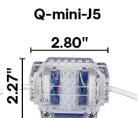


# MICRO 5 POP FLANGE-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

## 24VDC Linear Fixtures - Recessed

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-DW Warm Dim Applications	MICRO 5-DW Warm Dim Applications
Phase	QZ-DW	Q-SET-QZ-DW QZ-DW
0-10V	QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	Q-SET-QZ-DW QOM-eLED+WD 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	QZ-DMX	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	QOM-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	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with WD App Dongle	

## COMPATIBLE WIRING ACCESSORIES



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