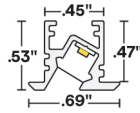
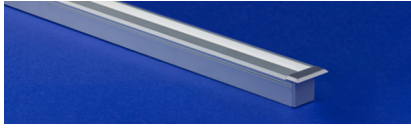




MICRO 5 POP FLANGE- ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

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
- Features high-quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Encapsulation is available in clear or translucent
- Suitable for indoor and outdoor locations
- 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

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

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

ADDITIONAL INFORMATION REQUIRED TO ORDER

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

Sample Part Number: **POPF-03-DW-2.0-24/30-ENC-TL-S1A-BW-CLS-WH-CL2-MG-ST-48"-E**

1 PRODUCT 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.	2 WATTS/FT 2.0 2.0W/ft	3 CCT 24/30 2400K/3000K 27/40 2700K/4000K	4 RATED ENC IP67	5 LENS TL Translucent 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") 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

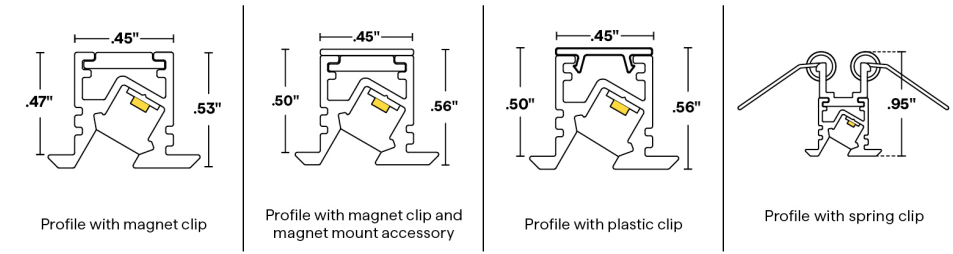
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



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

24VDC Linear Fixtures - Recessed

1 PRODUCT - DIMENSIONS

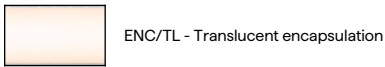


2 DELIVERED LUMENS

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

TL	3000K	
	LM/FT	CRI
TL	58	95

5 DIODE VISIBILITY

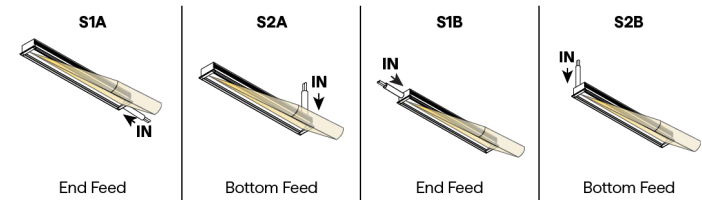


TEMPERATURE RATINGS

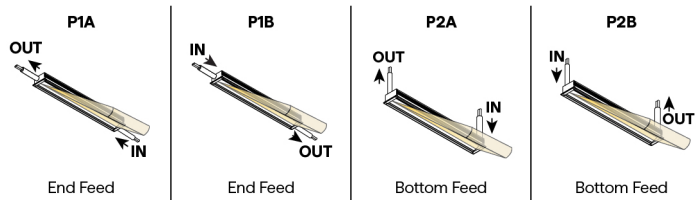
	DW 2.0 W/FT		DW 4.0 W/FT	
	QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
	Min	Max	Min	Max
Ambient Operating Temp - Recessed	-4°F	120°F	-4°F	100°F

6 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

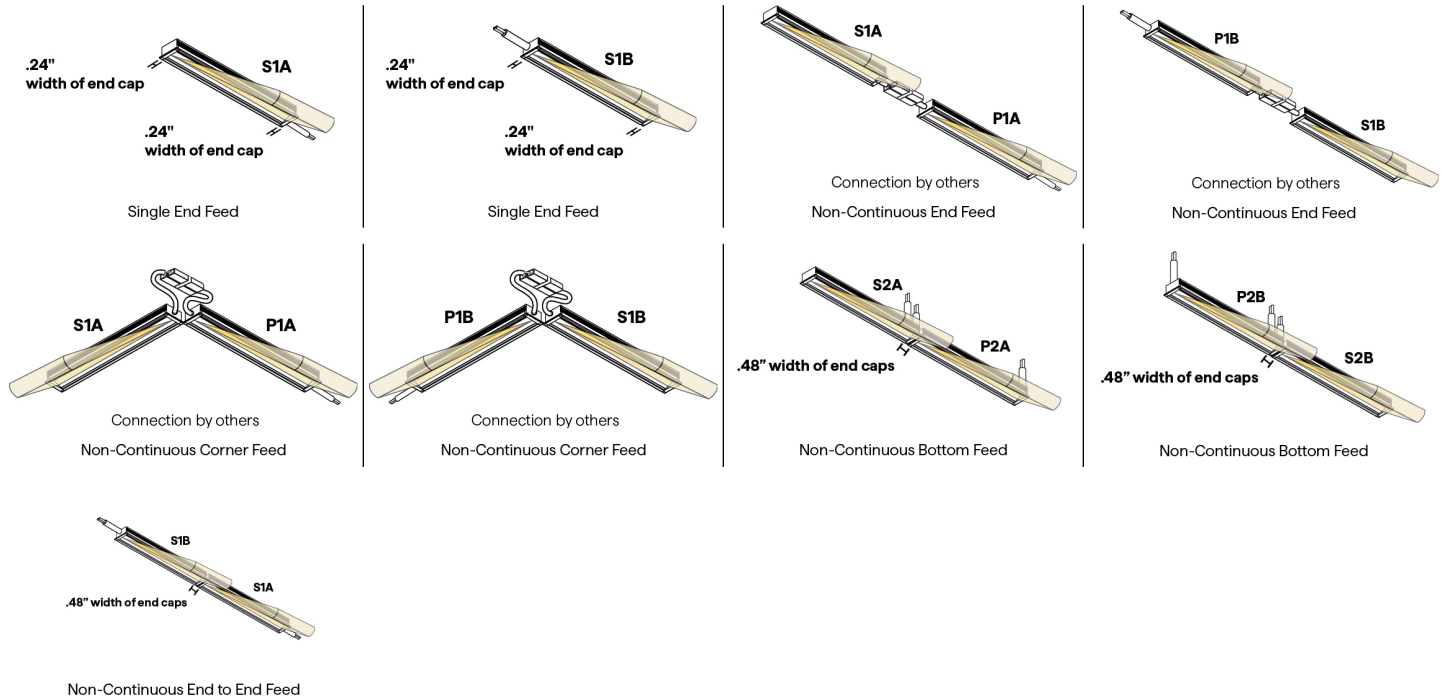




MICRO 5 POP FLANGE-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

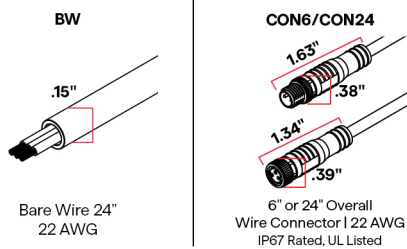
24VDC Linear Fixtures - Recessed

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





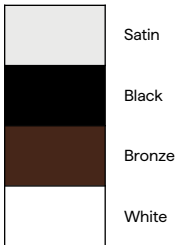
MICRO 5 POP FLANGE-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

11 MOUNTING

MG	PL	SP	832	MMA-05
Magnet Clip	Plastic Clip	Spring 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'	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 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



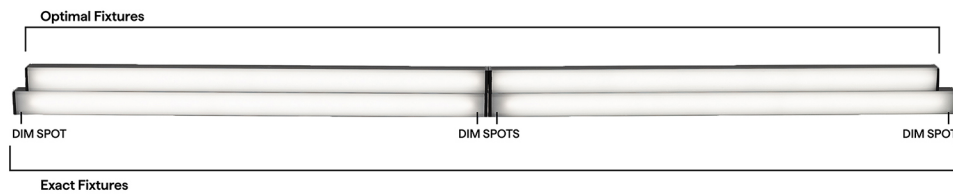
Custom finishes require a longer lead time, consult factory

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 FLANGE-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

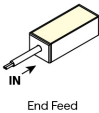
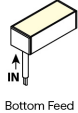
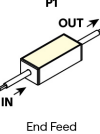
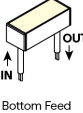
24VDC Linear Fixtures - Recessed

DW ENC LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	S1
	
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

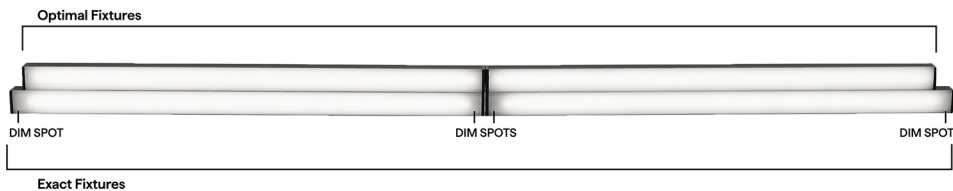
Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
	S1	S2	P1	P2
				
12"		10.50"		10.75"
13"		12.50"		12.75"
14"		12.50"		12.75"
15"		14.50"		14.75"
16"		14.50"		14.75"
17"		16.50"		16.75"
18"		16.50"		16.75"
19"		18.50"		18.75"
20"		18.50"		18.75"
21"		20.50"		20.75"
22"		20.50"		20.75"
23"		22.50"		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 FLANGE-ENCAPSULATED (03) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Recessed

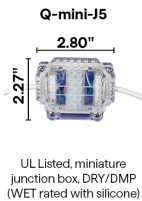
COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR	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	

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 LED wattage must be doubled for DW-HE products	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





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

24VDC Linear Fixtures - Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage