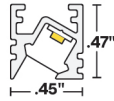
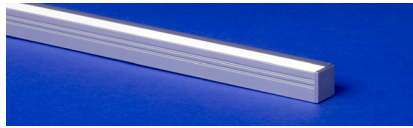




# MICRO 5 POP-ENCAPSULATED (03) STATIC WHITE

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
- 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
- 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

## INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5
PRODUCT	WATTS/ FT	CCT	RATED	LENS
			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: **POP-03-SW-4.0-30-ENC-TL-S1A-BW-CLS-WH-CL2-MG-ST-48"-E**

<b>1</b> <b>PRODUCT</b> <b>POP-03-SW</b> <b>POP-03-SW-USA</b> Select USA option for BAA and BABA projects. See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b> 1.0 1.0W/ft 2.0 2.0W/ft 4.0 4.0W/ft	<b>3</b> <b>CCT</b> 24 2400K 27 2700K 30 3000K 35 3500K 40 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>PASS THROUGH (Input/output)</b> P1A End Feed P1B End Feed P2A Bottom Feed P2B Bottom Feed For continuous mounting, consider bottom feed.	<b>7</b> <b>CONNECTOR/WIRE IN</b> 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)	<b>8</b> <b>CONNECTOR/WIRE OUT</b> 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)			
<b>9</b> <b>WIRE COLOR</b> WH White BK Black N/A For Barrel	<b>10</b> <b>WIRE TYPE</b> CL2 Class 2 CL2P Plenum Rated N/A For Barrel CL2P only available with bare wire leads (BW)	<b>11</b> <b>MOUNTING</b> MG Magnet 832 832 Silicone 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.

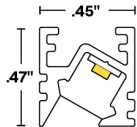
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



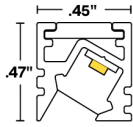
# MICRO 5 POP-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

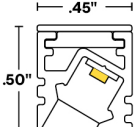
## 1 PRODUCT - DIMENSIONS



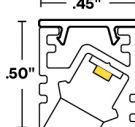
Profile



Profile with magnet clip



Profile with magnet clip and magnet mount accessory



Profile with plastic mounting clip

## 2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with POP-03-SW-\*\*-30-ENC

	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
TL	29	95	55	95	119	95

## 5 DIODE VISIBILITY



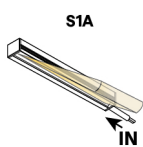
ENC/TL - Translucent encapsulation

## TEMPERATURE RATINGS

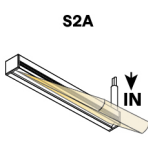
	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Recessed	-4°F	130°F	-4°F	120°F	-4°F	105°F

## 6 WIRE INPUT/OUTPUT

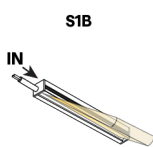
ASYMMETRIC ONLY SINGLE (Input only)



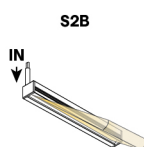
End Feed



Bottom Feed

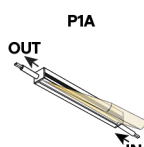


End Feed

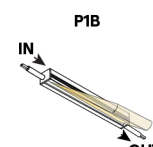


Bottom Feed

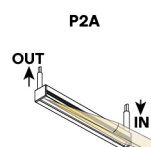
ASYMMETRIC ONLY PASS THROUGH (Input/Output)



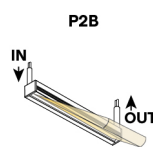
End Feed



End Feed



Bottom Feed



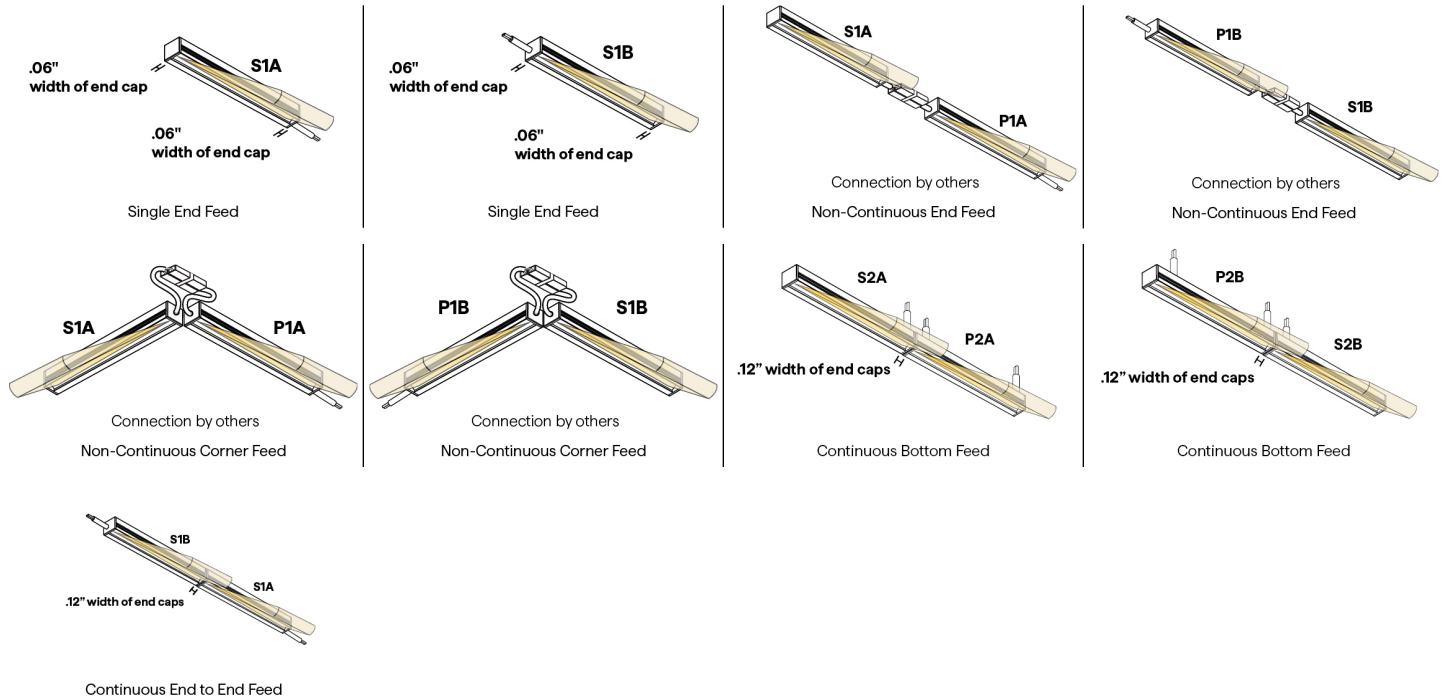
Bottom Feed



# MICRO 5 POP-ENCAPSULATED (03) STATIC WHITE

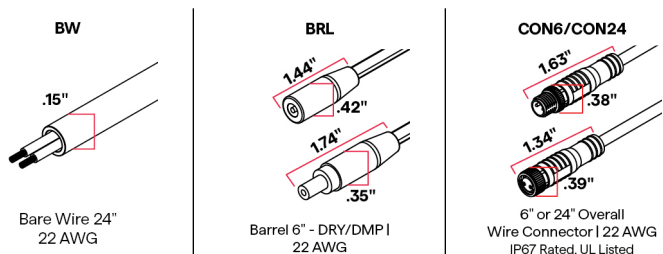
24VDC Linear Fixtures - Surface & Recessed

## 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-ENCAPSULATED (03) STATIC WHITE

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

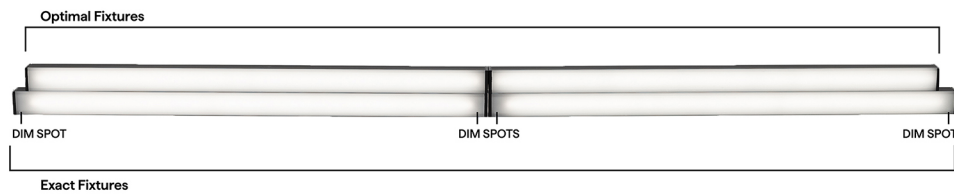
## 12 FINISH

	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-ENCAPSULATED (03) STATIC WHITE

## 24VDC Linear Fixtures - Surface & Recessed





### SW 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 are the length specified. Optimal 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"	.5"
13"	.5"
14"	.5"
15"	.5"
16"	.5"
17"	.5"
18"	.5"
19"	.5"
20"	.5"
21"	.5"
22"	.5"
23"	.5"
24"	.5"
36"	.5"
48"	.5"
60"	.5"
72"	.5"
84"	.5"
96"	.5"

#### OPTIMAL LENGTH

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
				
12"		11.5"		11.75"
13"		12.5"		12.75"
14"		13.5"		13.75"
15"		14.5"		14.75"
16"		15.5"		15.75"
17"		16.5"		16.75"
18"		17.5"		17.75"
19"		18.5"		18.75"
20"		19.5"		19.75"
21"		20.5"		20.75"
22"		21.5"		21.75"
23"		22.5"		22.75"
24"		23.5"		23.75"
36"		35.5"		35.75"
48"		47.5"		47.75"
60"		59.5"		59.75"
72"		71.5"		71.75"
84"		83.5"		83.75"
96"		95.5"		95.75"

### 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-SW	MICRO 5-SW
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1	QOM-DC+CAP QOM-PH
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	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED


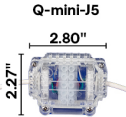







# MICRO 5 POP-ENCAPSULATED (03) STATIC WHITE

## 24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR	OUTDOOR
	MICRO 5-SW	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-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 iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PH/0-10V
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	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
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	Q-SET-QZ-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	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

### COMPATIBLE WIRING ACCESSORIES

 <p>Q-mini-J</p> <p>1.25" x 2" x 1.25"</p> <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p>	 <p>Q-mini-J5</p> <p>2.27" x 2.80" x 2.27"</p> <p>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)</p>	 <p>BARREL-EXT</p> <p>8ft barrel cable extender DRY ONLY</p>	 <p>BARREL FOUR-FER</p> <p>Splits lead from one to four LED Barrel connector fixtures, DRY/DMP</p>	 <p>CON120-EXT</p> <p>10ft Con cable extender DRY/DMP/WET</p>	 <p>CON FOUR-FER</p> <p>Splits lead from one to four LED Con connectors DRY/DMP/WET</p>	 <p>CON M - BARREL F</p> <p>Male con to barrel cable adaptor DRY/DMP</p>
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### COMPATIBLE CONTROL ACCESSORIES

#### SCENE APP DONGLE





# MICRO 5 POP-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

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## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage