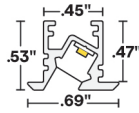
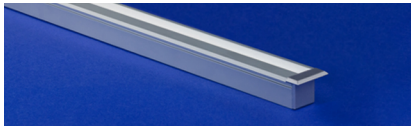




MICRO 5 POP FLANGE- ENCAPSULATED (03) RGB

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
- Red, Green, and Blue LED allows for color changing applications

| 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 |
| POPF-03-RGB | 4.0 | RGB | ENC | TL | | | | | | | | | |

Sample Part Number: **POPF-03-RGB-4.0-RGB-ENC-TL-S1A-BW-CLS-WH-CL2-MG-ST-48"-E**

| | | | | | |
|---|---|---|---|--|--|
| <div>1</div> <div>PRODUCT</div> <div>POPF-03-RGB</div> <div>See following pages for compatible power supplies.</div> | <div>2</div> <div>WATTS/FT</div> <div>4.04.0W/ft</div> | <div>3</div> <div>CCT</div> <div>RGB</div> | <div>4</div> <div>RATED</div> <div>ENCIP67</div> | <div>5</div> <div>LENS</div> <div>TLTranslucent</div> <div>For representation of LED visibility, see Diode Visibility section on following pages.For beam angles, see Photometric Performance section on following pages</div> | |
| <div>6</div> <div>WIRE INPUT/OUTPUT</div> <div>S1ASingle 1 (Input only) - End Feed</div> <div>S1BSingle 1 (Input only) - End Feed</div> <div>S2ASingle 2 (Input only) - Bottom Feed</div> <div>S2BSingle 2 (Input only) - Bottom Feed</div> <div>For continuous mounting, consider bottom feed.</div> | <div>7</div> <div>CONNECTOR/WIRE IN</div> <div>BWBare Wire (Standard 24")</div> <div>CON6Connector 6"</div> <div>CON24Connector 24"</div> <div>BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div> | <div>8</div> <div>CONNECTOR/WIRE OUT</div> <div>CLSClosed End (No feed)</div> <div>BWBare Wire (Standard 24")</div> <div>CON6Connector 6"</div> <div>CON24Connector 24"</div> <div>BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div> | | | |
| <div>9</div> <div>WIRE COLOR</div> <div>WHWhite</div> <div>BKBlack</div> | <div>10</div> <div>WIRE TYPE</div> <div>CL2Class 2</div> <div>CL2PPlenum Rated</div> <div>CL2P only available with bare wire leads (BW)</div> | <div>11</div> <div>MOUNTING</div> <div>MGMagnet</div> <div>832832 Silicone</div> <div>SPSpring Clip</div> <div>PLPlastic Clip</div> | <div>12</div> <div>FINISH</div> <div>STSatin</div> <div>BKBlack</div> <div>BZBronze</div> <div>WHWhite</div> <div>CUCustom</div> <div>Custom finishes have longer lead times. Non-RAL 9003 whites custom.</div> | <div>13</div> <div>LENGTH (IN)</div> <div>Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".</div> | <div>14</div> <div>EXACT/OPTIMAL</div> <div>EExact specified length</div> <div>OOptimal illumination</div> |

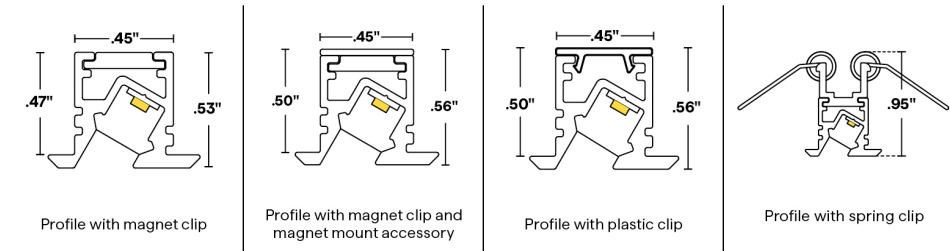
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



MICRO 5 POP FLANGE-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Recessed

1 PRODUCT - DIMENSIONS

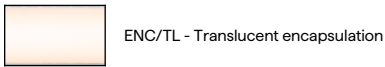


2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with POPF-03-RGB-4.0-RGB-ENC

| | Red | | Green | | Blue | | All |
|----|-------|------------|-------|------------|-------|------------|-------|
| | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT |
| TL | 15 | 627 | 45 | 523 | 12 | 469 | 68 |

5 DIODE VISIBILITY

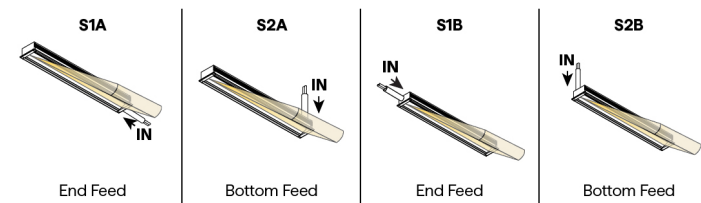


TEMPERATURE RATINGS

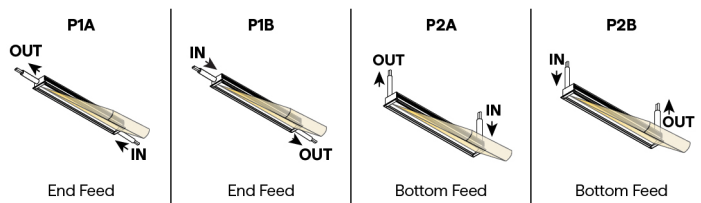
| | 4.0 W/FT | |
|-----------------------------------|----------|-------|
| | Min | Max |
| Ambient Operating Temp - Recessed | -4°F | 100°F |

6 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

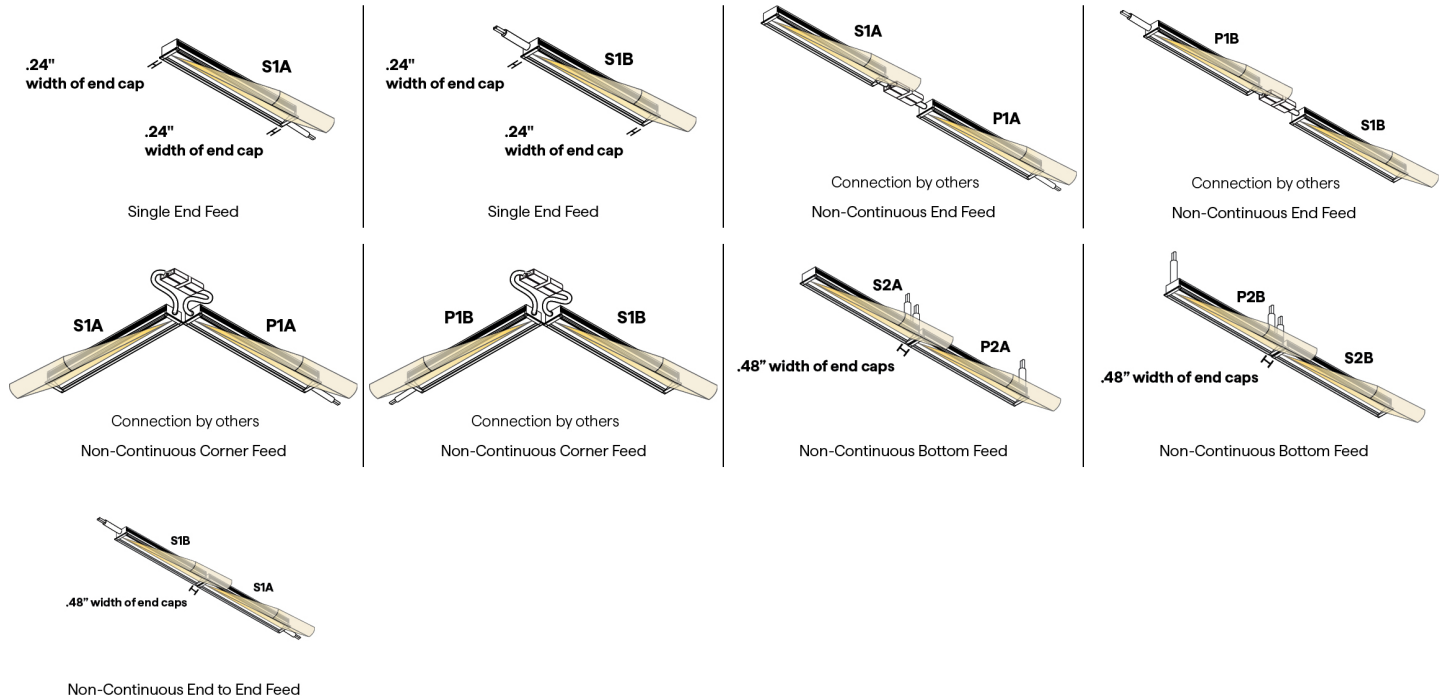




MICRO 5 POP FLANGE-ENCAPSULATED (03) RGB

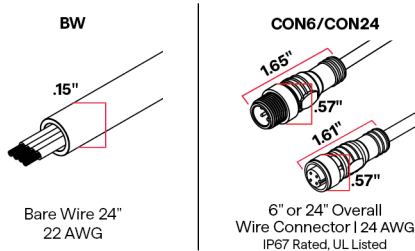
24VDC Linear Fixtures - Recessed

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





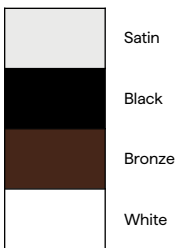
MICRO 5 POP FLANGE-ENCAPSULATED (03) RGB

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' To order separately use PLC-16 Each clip comes with a #6x1/4" and #6x1/2" Flat Head SS | 2 clips provided for 4' or less. 4 clips provided for greater than 4'. To order separately use SP-02 | 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



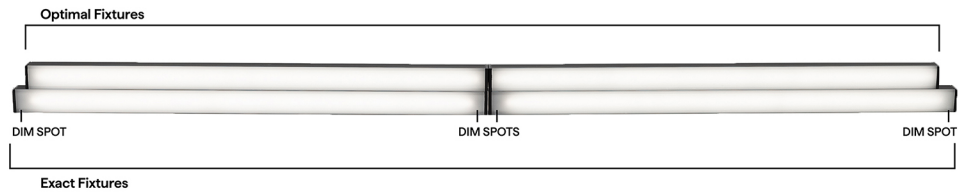
Custom finishes require a longer lead time, consult factory

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 FLANGE-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Recessed

RGB ENC 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

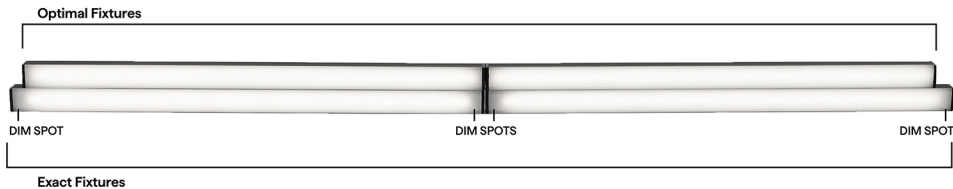
| Requested Nominal Length | S1A/B & S2A/B | | P1A/B & P2A/B | |
|--------------------------|---|---|---|--|
| | S1 | S2 | P1 | P2 |
| |  |  |  |  |
| 12" | 10.50" | | 10.75" | |
| 13" | 12.50" | | 12.75" | |
| 14" | 12.50" | | 12.75" | |
| 15" | 14.50" | | 14.75" | |
| 16" | 14.50" | | 14.75" | |
| 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.



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-RGB | MICRO 5-RGB |
| 0.1% | QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX | Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX |
| 1% | QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8 QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with RGB App Dongle | |

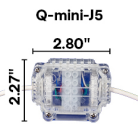


MICRO 5 POP FLANGE-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Recessed

| DIMMING PROTOCOL | INDOOR | OUTDOOR |
|---------------------|--|---|
| | MICRO 5-RGB | MICRO 5-RGB |
| DMX | QTM-eLED+DMX QZ-DMX | Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX |
| DALI-2: DT8 | QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8 |

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