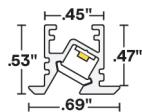
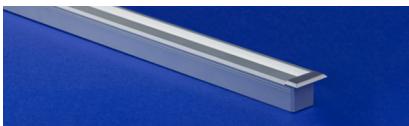




MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM APPLICATIONS

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

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| 1 PRODUCT | 2 WATTS/ FT | 3 CCT | 4 RATED | 5 LENS |
|------------------------------|----------------|----------|------------|-----------|
| POPF-01-DW POPF-01-DW-USA | 2.0 | | DRY | |

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-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. 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 20/27 2000K/2700K 20/30 2000K/3000K 27/40 2700K/4000K 27/55 2700K/5500K | 4 RATED DRY IP20 | 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 SINGLE (Input only) S1A End Feed S1B End Feed S2A Bottom Feed S2B Bottom Feed For continuous mounting, consider bottom feed. | 7 CONNECTOR/WIRE IN 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) | 8 CONNECTOR/WIRE OUT CLS Closed End (No feed) | | | |
| 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 832 SP PL Magnet 832 Silicone Spring Clip Plastic Clip | 12 FINISH ST Satin BK Black BZ Bronze WH White CU Custom Custom finishes require a longer lead time, consult factory | 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 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

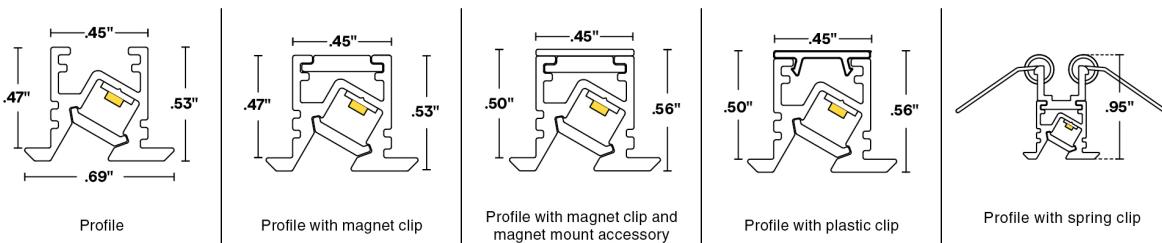


MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM

APPLICATIONS

24VDC Linear Fixtures - Recessed

1 PRODUCT - DIMENSIONS



2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with POPF-01-DW-2.0-**-DRY

| | 2000K | | 2700K | | 3000K | | 4000K | | 5500K | |
|----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| | 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

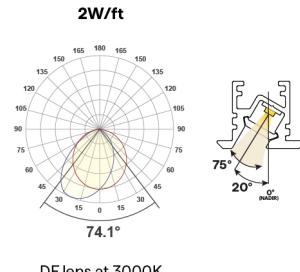


DF - Diffused lens

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 |



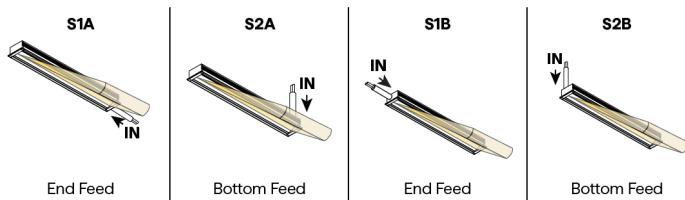
MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM

APPLICATIONS

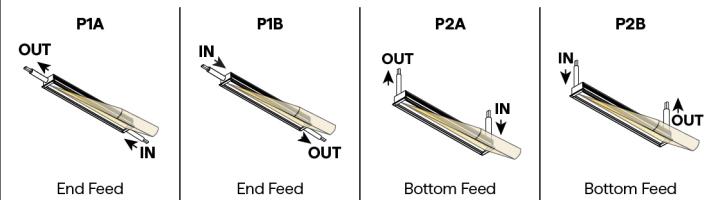
24VDC Linear Fixtures - Recessed

6 WIRE INPUT/OUTPUT

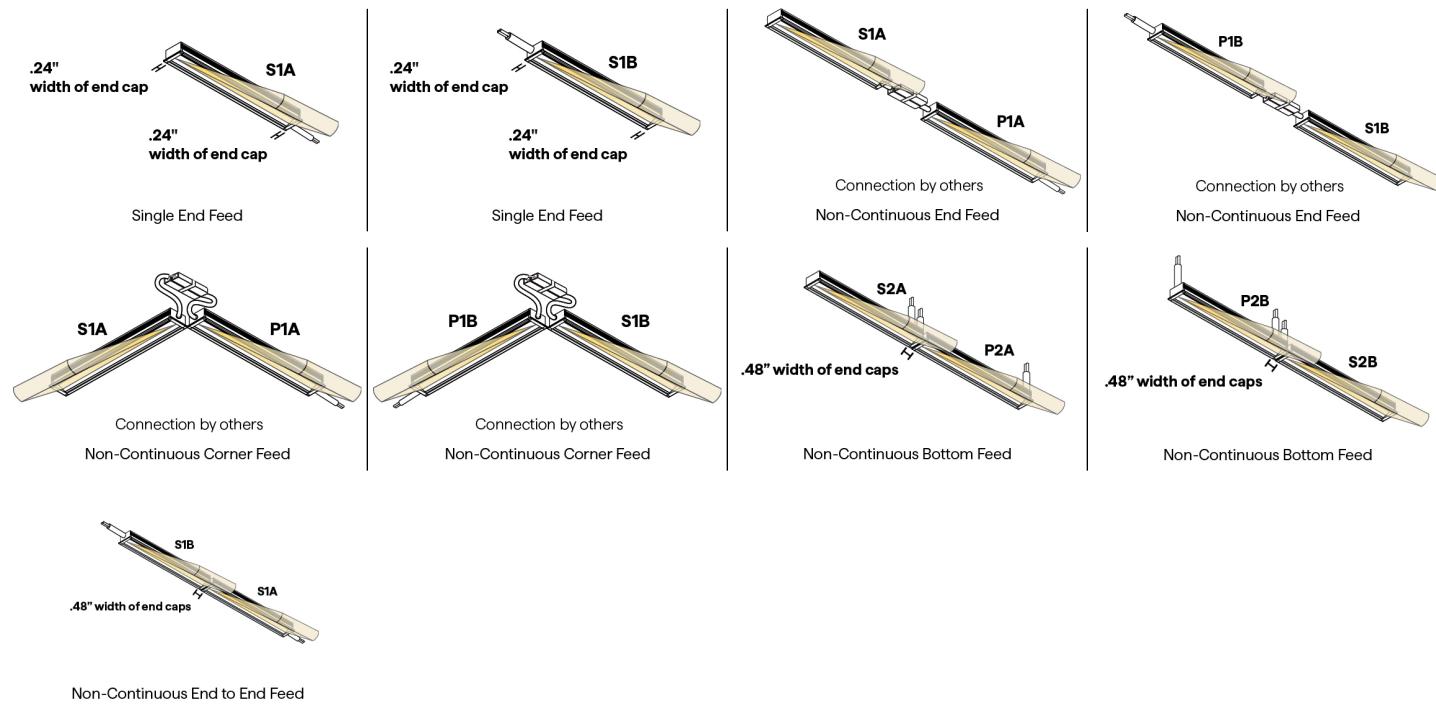
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

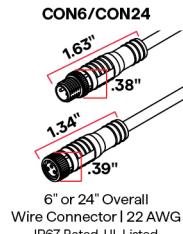
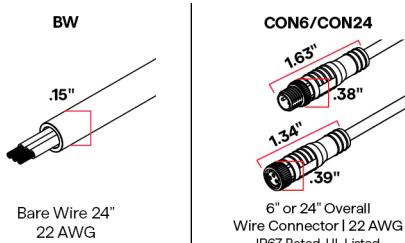


CONFIGURATION OPTIONS



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



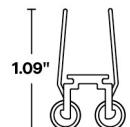
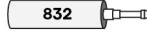
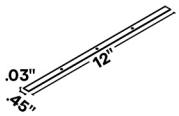


MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM

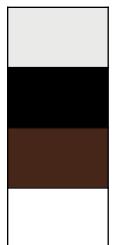
APPLICATIONS

24VDC Linear Fixtures - Recessed

11 MOUNTING

| MG | PL | SP | 832 | MMA-05 |
|---|--|--|---|--|
|  Magnet Clip One MG provided per foot To order separately use MG-05 |  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 |  Spring Clip 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 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

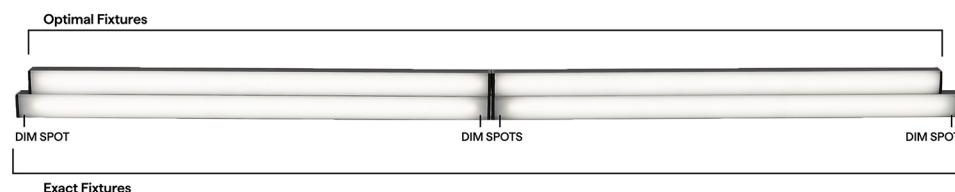
Bronze

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-FLAT (01) FOR WARM DIM

APPLICATIONS

24VDC Linear Fixtures - Recessed

DW DRY 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 | |
|--------------|----------------------------------|--|
| | 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 |



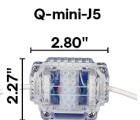
MICRO 5 POP FLANGE-FLAT (01) FOR WARM DIM

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



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