

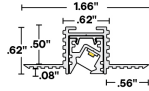
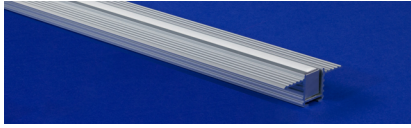


MICRO 5 POP MUD-IN- ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed



410.2 & 410.16
Closet Rated
in 1.0-2.0W/ft



- MICRO 5 Series linear LED fixture designed to provide superior light performance and uniformity with discreet integration into drywall
- Two-piece mud-in fixture
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Asymmetric fixture with an 80° focused beam 20° off-nadir
- Once installed, its wings are covered with tape and compound to create a seamless look
- 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

ORDERING PROCESS

A Specify LED Fixture

B Specify MUD-IN Housing

A. LED FIXTURE

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| A1 | A2 | A3 | A4 | A5 |
|---------|-----------|-----|-------|------|
| PRODUCT | WATTS/ FT | CCT | RATED | LENS |
| | | | ENC | TL |

ADDITIONAL INFORMATION REQUIRED TO ORDER

| A6 | A7 | A8 | A9 | A10 | A11 | A12 | A13 | A14 |
|-----------------------|-----------------------|------------------------|------------|-----------|----------|--------|-------------|-------------------|
| WIRE INPUT/ OUTPUT | CONNECTOR/ WIRE IN | CONNECTOR/ WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
| | | | | | | | | |

Sample Part Number: **POP-MD-03-SW-4.0-30-ENC-TL-S1A-BW-CLS-WH-CL2-MG-SP-48"-E**

| A1 | A2 | A3 | A4 | A5 |
|--|--|---|-----------------|---|
| PRODUCT | WATTS/FT | CCT | RATED | LENS |
| POP-MD-03-SW POP-MD-03-SW-USA Select USA option for BAA and BABA projects. See following pages for compatible power supplies. | 1.0 1.0W/ft 2.0 2.0W/ft 4.0 4.0W/ft | 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K | ENC IP67 | TL Translucent For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages |

| A6 | A7 | A8 |
|--|--|--|
| WIRE INPUT/OUTPUT | CONNECTOR/WIRE IN | CONNECTOR/WIRE OUT |
| SINGLE (Input Only) S1A End Feed S1B End Feed S2A Bottom Feed S2B Bottom Feed For continuous mounting, consider bottom feed. | BW Bare Wire (Standard 24") BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | CLS Closed End (No feed) |
| PASS THROUGH (Input/output) P1A End Feed P1B End Feed P2A Bottom Feed P2B Bottom Feed For continuous mounting, consider bottom feed. | BW Bare Wire (Standard 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") BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48) |

| A9 | A10 | A11 | A12 | A13 | A14 |
|------------------------------------|---|--|--|---|---|
| WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/OPTIMAL |
| WH White BK Black | CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW) | SC Screw SP Spring Clip For either mounting option POP-MD-MNT-KIT is required for mounting POP into the Mud-In Channel | ST Satin BK Black BZ Bronze WH White CU Custom Custom finishes have longer lead times. Non-RAL 9003 whites custom. | Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12". | 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 MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

B. MUD-IN HOUSING

| | |
|----------------------------------|---------------------------------|
| <div>B1</div> <div>PRODUCT</div> | <div>B2</div> <div>LENGTH</div> |
| POP-MD | |

Sample Part Number: POP-MD-FCN

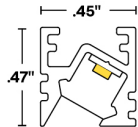
| | |
|----------------------------------|--|
| <div>B1</div> <div>PRODUCT</div> | <div>B2</div> <div>LENGTH</div> |
| POP-MD | <div>FCN</div> Field Cuttable <div>CTL</div> Cut to Length <div>Full length 98.43" housings will be sent for field cuttable specifications. Quantity will be determined by dividing the POP fixture measurements by 98.43 and rounding up. Cut to length housing specifications will be the length of the POP fixture specified, plus .125" for endcaps.</div> |



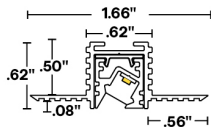
MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

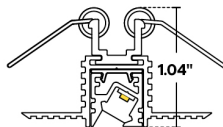
A1 PRODUCT - DIMENSIONS



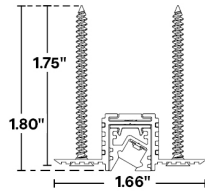
Profile



Profile with mud-in accessory



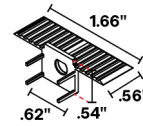
Profile with mud-in accessory and spring clip



Profile with mud-in accessory and screw mount

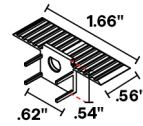
END CAPS

Flat end caps



Feed

To order separately, use
POP-EC-MDIN-A-ST



Feed

To order separately, use
POP-EC-MDIN-B-ST

A2 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 |

A5 DIODE VISIBILITY

SW

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 |

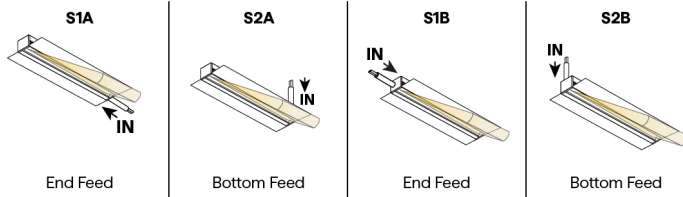


MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE

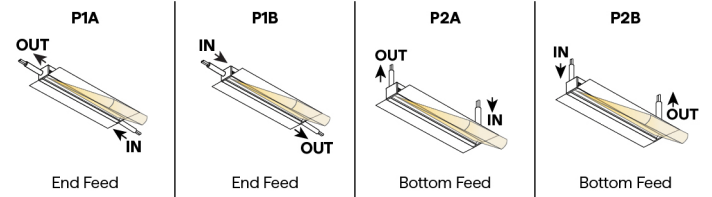
24VDC Linear Fixtures - Recessed

A6 WIRE INPUT/OUTPUT

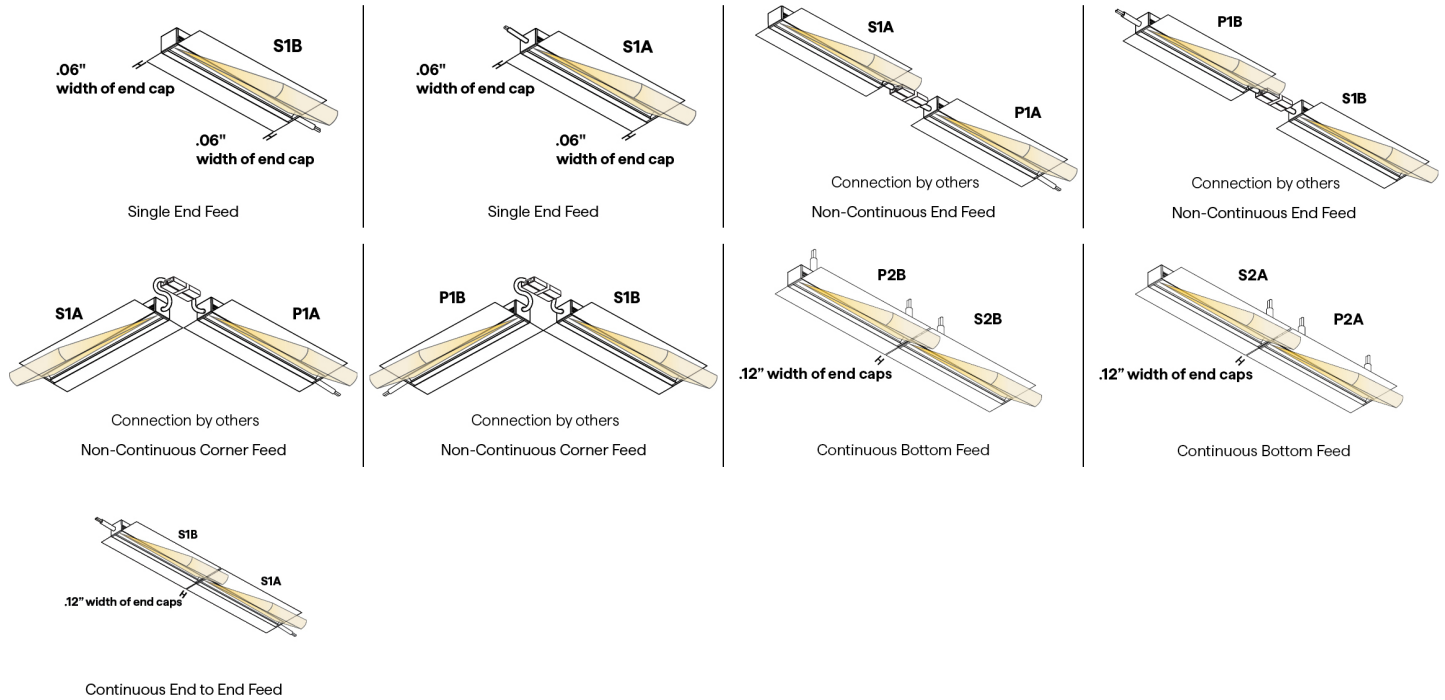
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



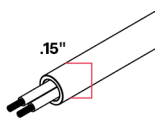
CONFIGURATION OPTIONS



A7 / A8 CONNECTOR/WIRE - IN/OUT

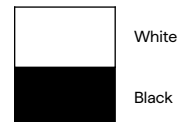
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out

BW



Bare Wire 24\"/>
22 AWG

A9 WIRE COLOR



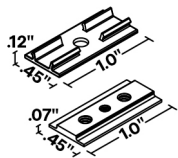


MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

A11 MOUNTING

POP-MD-MNT-KIT



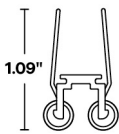
Plastic Clip Kit

2 clips provided for 4' or less;
4 clips provided for greater than 4'

To order separately use POP-MD-MNT-KIT

Each clip comes with a #4 x 3/16 Flat Head SS" and two #6 x 1/8" long set screws

SP



Spring Clip

Only to be used with mud-in accessory

4 clips provided for each full length of MUD-IN

To order separately use SP-02

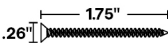
832



832 Silicone

Sold separately

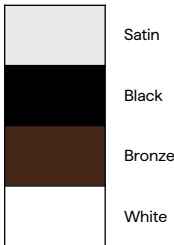
SC



Screw

6 #6x1.75" flat head screws are provided for each full length of MUD-IN

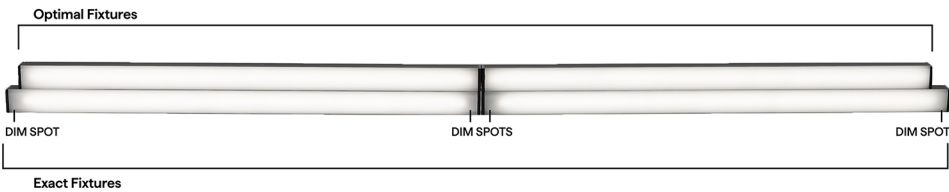
A12 FINISH



Custom finishes require a longer lead time, consult factory

15 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 MUD-IN-ENCAPSULATED (03) STATIC WHITE



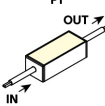

24VDC Linear Fixtures - Recessed

SW ENC LENGTHS BY INCH

EXACT LENGTH

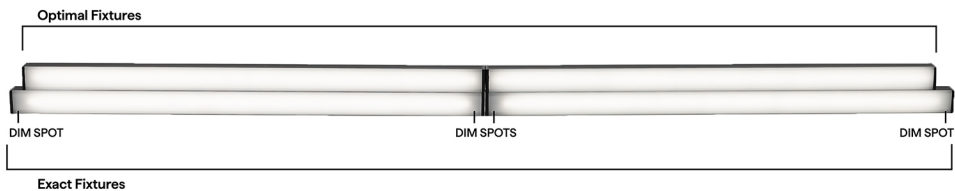
| Requested Length | Potential dim spot on either end of a S1 fixture S1  End Feed |
|------------------|---|
| 12" | 0.5" |
| 13" | 0.5" |
| 14" | 0.5" |
| 15" | 0.5" |
| 16" | 0.5" |
| 17" | 0.5" |
| 18" | 0.5" |
| 19" | 0.5" |
| 20" | 0.5" |
| 21" | 0.5" |
| 22" | 0.5" |
| 23" | 0.5" |
| 24" | 0.5" |
| 36" | 0.5" |
| 48" | 0.5" |
| 60" | 0.5" |
| 72" | 0.5" |
| 84" | 0.5" |
| 96" | 0.5" |

OPTIMAL 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" | 11.50" | | 11.75" | |
| 13" | 12.50" | | 12.75" | |
| 14" | 13.50" | | 13.75" | |
| 15" | 14.50" | | 14.75" | |
| 16" | 15.50" | | 15.75" | |
| 17" | 16.50" | | 16.75" | |
| 18" | 17.50" | | 17.75" | |
| 19" | 18.50" | | 18.75" | |
| 20" | 19.50" | | 19.75" | |
| 21" | 20.50" | | 20.75" | |
| 22" | 21.50" | | 21.75" | |
| 23" | 22.50" | | 22.75" | |
| 24" | 23.50" | | 23.75" | |
| 36" | 35.50" | | 35.75" | |
| 48" | 47.50" | | 47.75" | |
| 60" | 59.50" | | 59.75" | |
| 72" | 71.50" | | 71.75" | |
| 84" | 83.50" | | 83.75" | |
| 96" | 95.50" | | 95.75" | |

A14 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 MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

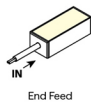
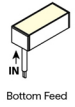
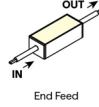
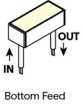
SW ENC LENGTHS BY INCH

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+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 MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - 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+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

Q-mini-J

2"

1.25"

UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

Q-mini-J5

2.80"

2.27"

UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

BARREL-EXT

8ft barrel cable extender

DRY ONLY

BARREL FOUR-FER

Splits lead from one to four LED Barrel connector fixtures, DRY/DMP

CON120-EXT

10ft Con cable extender

DRY/DMP/WET

CON FOUR-FER

Splits lead from one to four LED Con connectors

DRY/DMP/WET

CON M - BARREL F

Male con to barrel cable adaptor

DRY/DMP

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36"

2.58"

Wi-Fi or Bluetooth Connectivity

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Specification subject to change. Rev-01-13-26



MICRO 5 POP MUD-IN-ENCAPSULATED (03) STATIC WHITE

24VDC Linear Fixtures - Recessed

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage