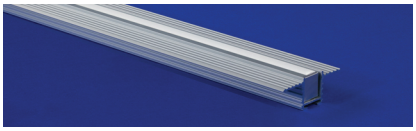
MICRO 5 POP MUD-IN-FLAT (01) STATIC WHITE

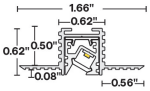
24VDC Linear Fixtures - Recessed

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

BUY AMERICAN ACT COMPLIANT

BUILD AMERICA, BUY AMERICA COMPLIANT





- MICRO 5 Series linear LED fixture designed to provide superior light performance and uniformity with discreet integration into drywall
- 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

Specify either factory assembled fixtures or field assembled extrusions and LEDs.

A LEDs will be installed into a complete fixture. Mud-in housing ships uninstalled. Ideal for single fixtures. Avoids installers needing to handle the delicate 5mm LED.

OR

B Extrusions, mud-in housings, and LEDs will be shipped not installed. Ideal for long runs or light with no interruptions in LED up to Class 2 limitations. Due to the delicate nature of the 5mm LED, care must be taken in the installation process

A. Factory Assembled Option - LED FIXTURE

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

A1	A2	A3	A4	A5
PRODUCT	WATTS/ FT	CCT	RATED	LENS

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-01-SW-4.0-30-DRY-DF-S1A-BW-CLS-WH-CL2-SP-BK-48"-E**

A1 PRODUCT

POP-MD-01-SW
POP-MD-01-SW-USA

Select USA option for BAA and BABA projects. Only DRY ratings apply. DMP options will require custom modifications, contact factory.

See following pages for compatible power supplies.

A2 WATTS/FT

1.0	1.0W/ft
2.0	2.0W/ft
4.0	4.0W/ft

A3 CCT

18	1800K
20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

A4 RATED

DRY	IP20
DMP	IP54

A5 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

A6 WIRE INPUT/ OUTPUT

SINGLE (Input only)

S1A	End Feed
S1B	End Feed
S2A	Bottom Feed
S2B	Bottom Feed

PASS THROUGH (Input/output)

P1A	End Feed
P1B	End Feed
P2A	Bottom Feed
P2B	Bottom Feed

For continuous mounting, consider bottom feed.

A7 CONNECTOR/ WIRE IN

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)

A8 CONNECTOR/ WIRE OUT

CLS Closed End (No 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)

A9 WIRE COLOR

WH	White
BK	Black

A10 WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated

CL2P only available with bare wire leads (BW)

A11 MOUNTING

SC	Screw
SP	Spring Clip

For either mounting option POP-MD-MNT-KIT is required for mounting POP into the Mud-In Channel

A12 FINISH

ST	Satin
BK	Black
BZ	Bronze
WH	White
CU	Custom

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

A13 LENGTH (IN)

Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".

A14 EXACT/ OPTIMAL

E	Exact specified length
O	Optimal illumination

Exact fixtures are the exact length specified +0 –1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.

MUD-IN HOUSING

A15	A16
PRODUCT	LENGTH
POP-MD	

Sample Part Number: **POP-MD-FCN**

A15 PRODUCT

POP-MD

A16 LENGTH

FCN	Field Cuttable
CTL	Cut to Length

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.

5 year warranty | Warranty only valid with QTL power supplies | Field modifications must comply with QTL's installation methods otherwise warranty is null & void | Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-10-07-26

MICRO 5 POP MUD-IN-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Recessed

B. Field Assembled Option

EXTRUSION AND MUD-IN HOUSING ORDERING

B1	B2	B3	B4	B5	B6
PRODUCT	FINISH	MOUNTING	LENS	WIRE INPUT/ OUTPUT	EXTRUSION LENGTH (IN)
POP-MD-01				NI	

LED STRIP ORDERING

B7	B8	B9	B10	B11	B12	B13	B14
V/ WATTS	RATED	CCT - LUMENS/ CRI	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	ILLUMINATED LENGTH
			BW	CLS		CL2	

EXTRUSION AND MUD-IN HOUSING ORDERING

Sample Part Number: **POP-MD-01-ST-SP-DF-NI-98.43"**

B1 PRODUCT

POP-MD-01

B2 FINISH

ST Satin
BK Black
BZ Bronze
WH White
CU Custom

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

B3 MOUNTING

SC Screw
SP Spring Clip

For either mounting option POP-MD-MNT-KIT is required for mounting POP into the Mud-In Channel

B4 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

B5 WIRE INPUT/OUTPUT

NI Not installed

B6 EXTRUSION LENGTH (IN)

1" increments from 1" - 98.43"
Extrusion Tolerance +0 -1/8".

LED STRIP ORDERING

Sample Part Number: **SW24-5MM/2.0-DRY-30-BW-CLS-WH-CL2-48"**

B7 V/WATTS

SW24-5MM/1.0
SW24-5MM/2.0
SW24-5MM/4.0

Wattage: 1.0W/ft, 2.0W/ft, 4.0W/ft
Voltage: 24VDC
See following pages for compatible power supplies.

B8 RATED

DRY IP20
DMP IP54

B9 CCT - LUMENS/CRI

18 1800K
20 2000K
22 2200K
24 2400K
27 2700K
30 3000K
35 3500K
40 4000K

B10 CONNECTOR/WIRE IN

BW Bare Wire (Standard 24")

B11 CONNECTOR/WIRE OUT

CLS Closed End (No feed)

B12 WIRE COLOR

WH White
BK Black

B13 WIRE TYPE

CL2 Class 2

B14 ILLUMINATED LENGTH

1.0W - 1"-1152" in 1" increments
2.0W - 1"-576" in 1" increments
4.0W - 1"-288" in 1" increments

Order LED length needed for each run. Lengths cannot exceed 96' at 1.0W, 48' at 2.0W, or 24' at 4.0W (Class 2). All lengths will have a 2' soldered lead wire attached. This product is not to be field-soldered.

REQUIRED ACCESSORY

UNIV-ROLLER



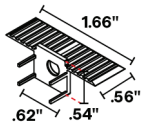
Roller tool used to lay MICRO 5 LED strips into extrusion housing

Included and required for all MICRO 5 field assembled options

To order additional, use UNIV-ROLLER

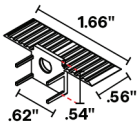
END CAPS

Flat end caps



Feed

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



Feed

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

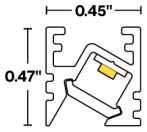
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Specification subject to change. Rev-10-07-26

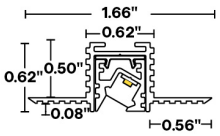
MICRO 5 POP MUD-IN-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Recessed

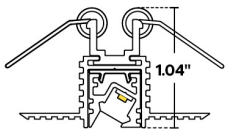
A1 / B1 PRODUCT - DIMENSIONS



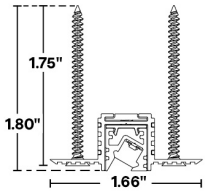
Profile



Profile with mud-in accessory



Profile with mud-in accessory and spring clip



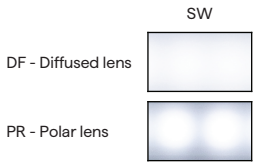
Profile with mud-in accessory and screw mount

A2 / B9 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with POP-01-SW-**-30-DRY

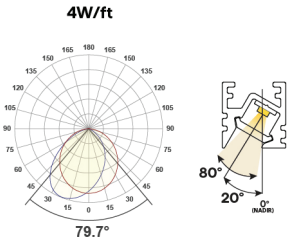
	1.0 W/FT		2.0 W/FT		4.0 W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
PR	42	97	85	98	198	98
DF	38	97	74	98	178	98

A5 / B4 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.



DF lens at 3000K

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MICRO 5 POP MUD-IN-FLAT (01) STATIC WHITE

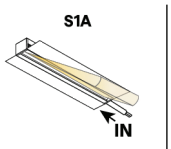
24VDC Linear Fixtures - Recessed

TEMPERATURE RATINGS

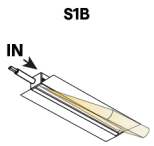
		1.0 W/FT		2.0 W/FT		4.0 W/FT	
		Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Recessed	-4°F	135°F	-4°F	130°F	-4°F	110°F
DMP	Ambient Operating Temp - Recessed	-4°F	135°F	-4°F	130°F	-4°F	110°F

A6 WIRE INPUT/OUTPUT

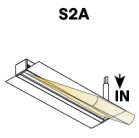
ASYMMETRIC ONLY SINGLE (Input only)



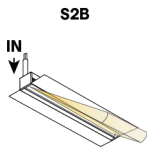
End Feed



End Feed

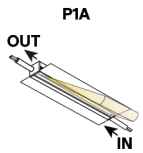


Bottom Feed

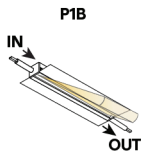


Bottom Feed

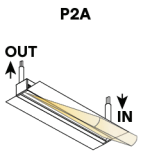
ASYMMETRIC ONLY PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP



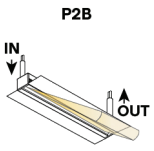
End Feed



End Feed

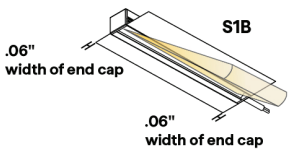


Bottom Feed

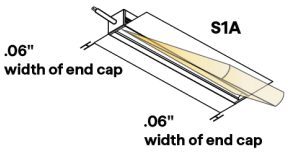


Bottom Feed

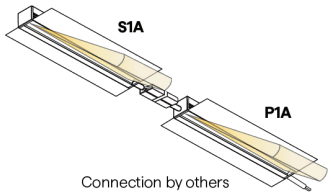
CONFIGURATION OPTIONS



Single End Feed

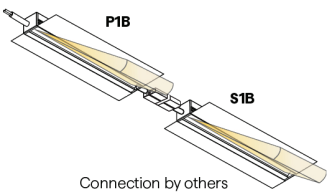


Single End Feed



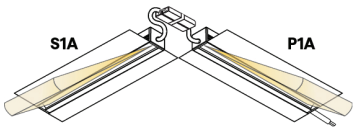
Connection by others

Non-Continuous End Feed



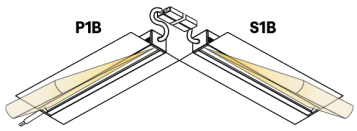
Connection by others

Non-Continuous End Feed



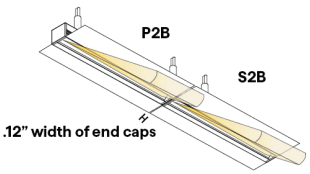
Connection by others

Non-Continuous Corner Feed

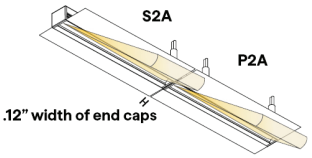


Connection by others

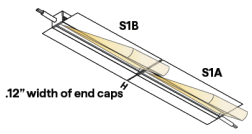
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed



Continuous End to End Feed

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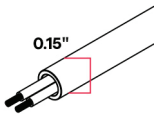
MICRO 5 POP MUD-IN-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Recessed

A7 / A8 / B10 / B11 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

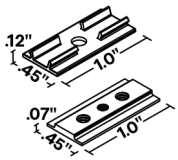
A9 / B12 WIRE COLOR

White

Black

A11 / B3 MOUNTING

POP-MD-MNT-KIT



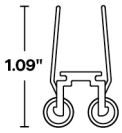
Plastic Clip Kit

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



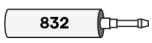
Spring Clip

Only to be used with mud-in accessory

4 clips provided for each full length of MUD-IN

To order separately use SP-02

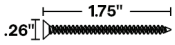
832



832 Silicone

Sold separately

SC



Screw

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

A12 / B2 FINISH

Satin

Black

Bronze

White

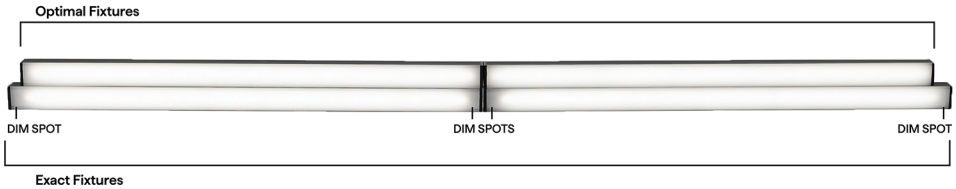
Custom finishes require a longer lead time, consult factory

A14 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →

E/O Explained →

Exact fixtures are the exact length specified +0 – 1/8". 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.



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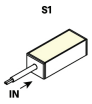
Specification subject to change. Rev-10-07-26

MICRO 5 POP MUD-IN-FLAT (01) STATIC WHITE

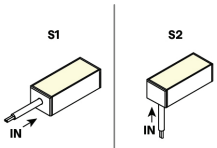
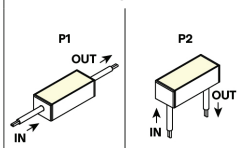
24VDC Linear Fixtures - Recessed

SW DRY DMP LENGTHS BY INCH

EXACT LENGTH

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

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-SW
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1
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-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	Q-DIM QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle

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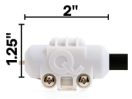
MICRO 5 POP MUD-IN-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Recessed

DIMMING PROTOCOL	INDOOR
	MICRO 5-SW
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1
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-PRO-PH/0-10V QZ-STICK-PH/0-10V QZLP
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
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
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle

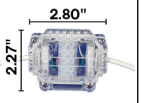
COMPATIBLE WIRING ACCESSORIES

Q-mini-J



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

Q-mini-J5



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



Wi-Fi or Bluetooth Connectivity

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MICRO 5 POP MUD-IN-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Recessed

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage

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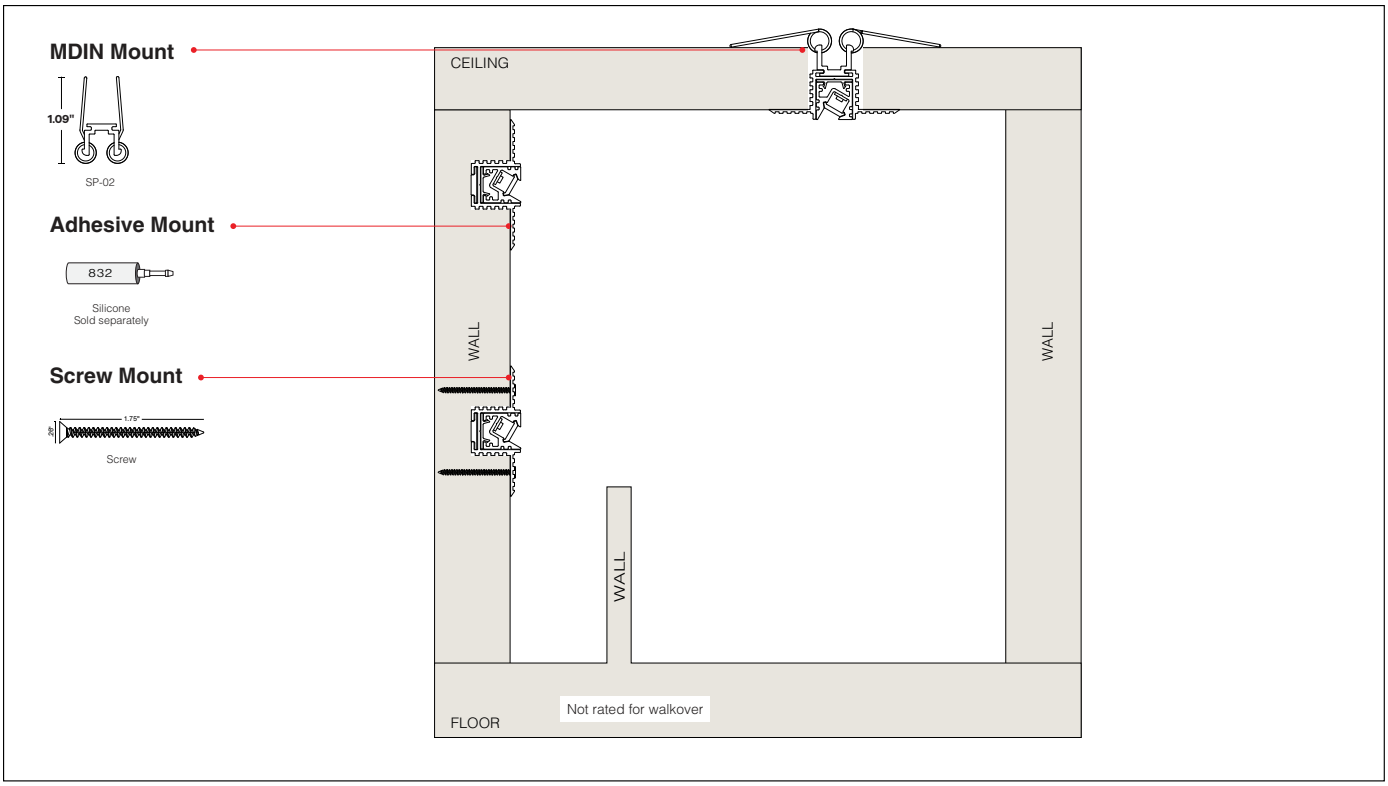
MICRO 5 POP MUD-IN

Linear Fixture Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Warranty only valid with QTL power supplies
- Recessed in millwork
- Suitable for installation in storage area of a clothes closet when assembled as a finished fixture up to 4W/ft at QTL facility
- Not rated for walkover
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION:



Preparation

- Components & Hardware (page 2)
- Cutting & Configuration Options (page 3)
- Surface Preparation & Assembly (page 4-5)

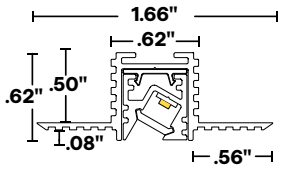
Recessed Mounting Method

- Mud-in Silicone Mount (page 6-7)
- Mud-in Screw Mount (page 8-9)
- Mud-in Spring Mount (page 10-11)

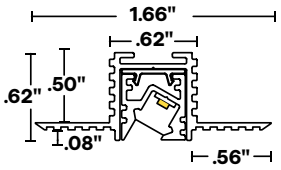
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MICRO 5 POP MUD-IN

Linear Fixture Installation Instructions



POP MUD-IN-FLAT (01)

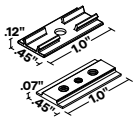


POP MUD-IN-ENCAPSULATED (03)

COMPONENTS & HARDWARE

Alternate screw lengths can be used in installation as long as the screw diameter size is consistent with the included screw diameter size

PLASTIC CLIP KIT



POPMD-MNT-KIT

Included	
0.21"	Flat Head Screw #4 x3/16"
0.14"	2x Set Screw #6 x 1/8"

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

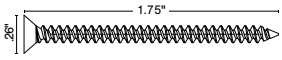
SPRING CLIP



SP-02

- 2 clips provided for 4' or less. 4 clips provided for greater than 4'

SCREW

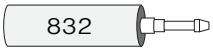


SC

- 6 # 6x1.75" Flat Head Screw provided for each full length of Mud-In

ADHESIVE SOLD SEPARATRLY

SILICONE



DOWSIL 832

REQUIRED ACCESSORY



UNI-ROLLER

Included
Included and required for all MICRO 5 field assembled options

- Roller tool used to lay MICRO 5 LED strip into extrusion housing. To order additional use UNI-ROLLER

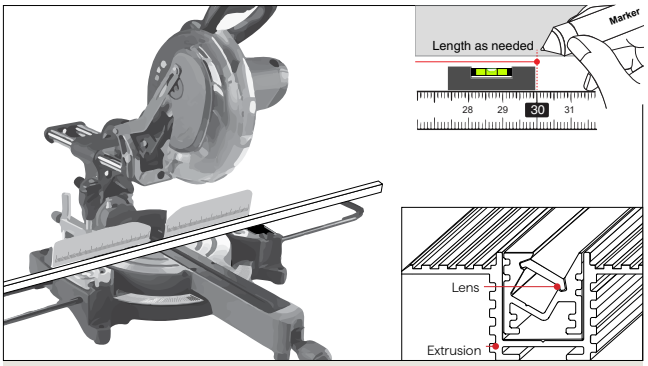
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MICRO 5 POP MUD-IN

Linear Fixture Installation Instructions

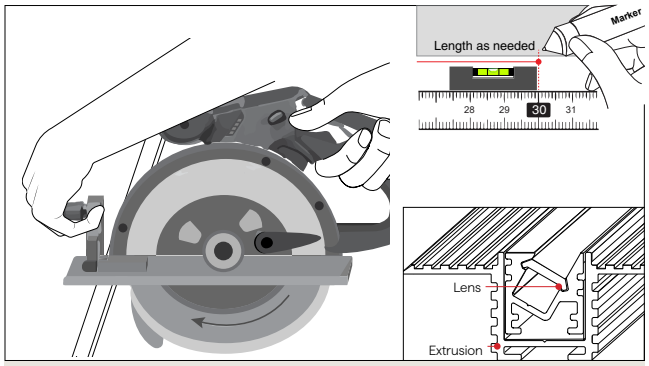
CUTTING EXTRUSIONS FOR IN-FIELD ASSEMBLY INSTALLATION

QTL strongly recommends cutting the extrusion and lens together to achieve a clean cut.



To achieve corners or angles, measure the LED extrusion to desired length and cut with a miter saw.

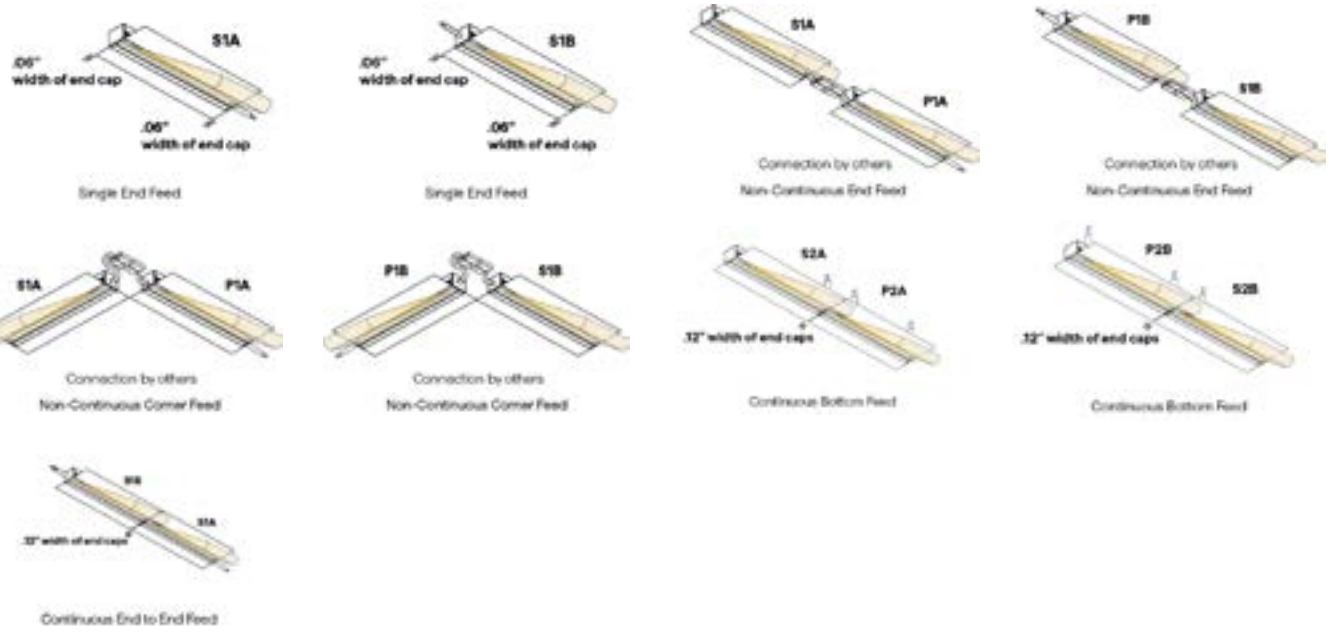
OR



For straight runs, measure LED extrusion to desired length and cut it with a circular saw.

NOTE: Using the proper blade for aluminum, cut to the desired length. Recommend using a 10 in.x 80 tooth medium aluminum saw blade.

CONFIGURATION OPTIONS



Review wire method to ensure clean installation prior to mounting extrusion.

NOTE: Additional wire methods include:
S1A, S1B, S2A, S2B: Connector/Wire Input only
P1A, P1B, P2A, P2B: Connector/Wire Input and Output

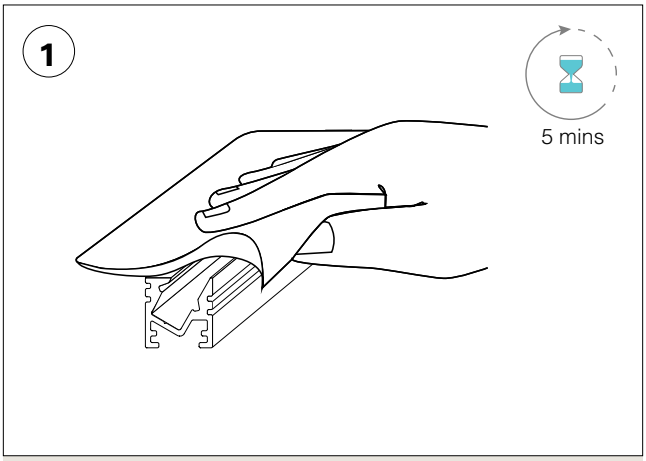
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MICRO 5 POP MUD-IN

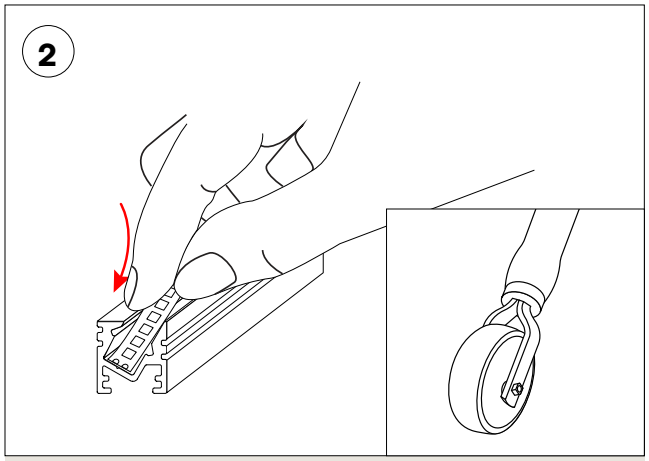
Linear Fixture Installation Instructions

LED INSERTION FOR IN-FIELD ASSEMBLY INSTALLATION

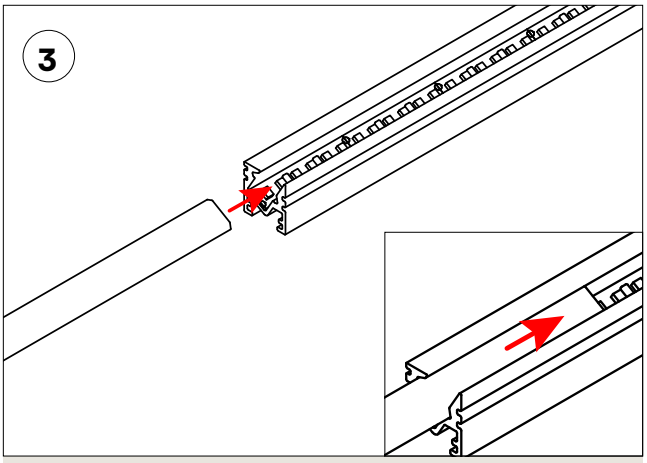
STRIP IN EXTRUSION



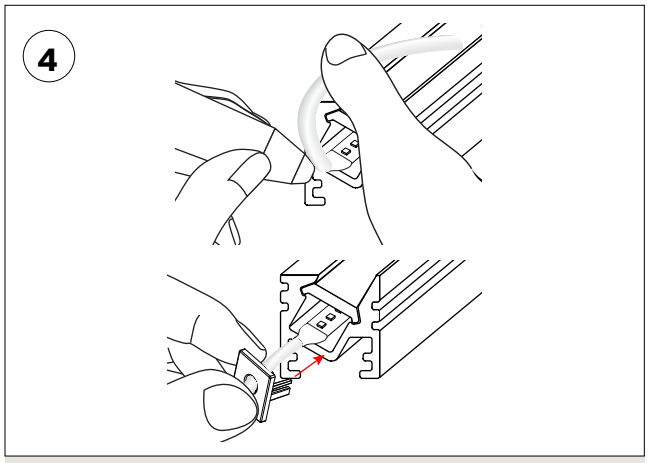
- Using a 50/50 alcohol mix throughly clean, the surface of the extrusion and the multi-tray surface. Allow time to dry (about 5 minutes).



- Gently place LED in extrusion/tray. Apply firm pressure to fully adhere to the extrusion. This reduces the possibility that dust and debris will contaminate the adhesive.
- Use the UNI-ROLLER tool to place MICRO 5 LED strip into extrusion housing. If needed, you may order additional UNI-ROLLER tools.



- Starting from one end of the extrusion, slide the lens into the grooved lip of the extrusion until secured in place.



- Add glue inside the end cap and glue around edges to secure end cap in place. Do not allow glue to come in contact with LED.

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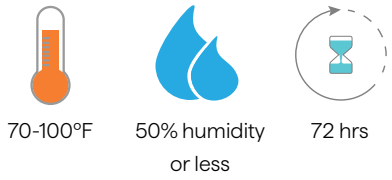
MICRO 5 POP MUD-IN

Linear Fixture Installation Instructions

SURFACE MOUNTING METHOD

SURFACE PREPARATION

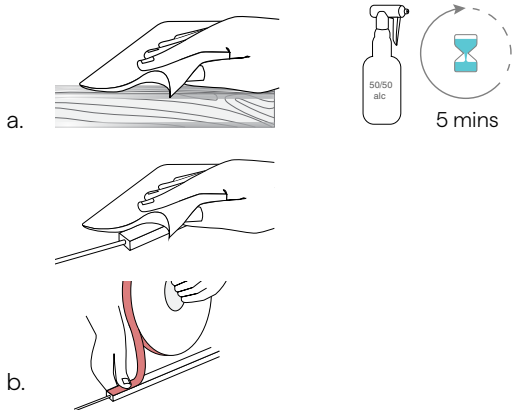
1



Temperature and environmental concerns:

- Ideal application environment is 70-100°F in 50% humidity or less.
- Minimum application temperature: 50°F
- This temperature and humidity should be maintained for 72 hours after application for maximum bond strength.

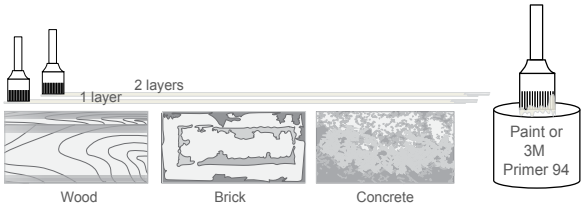
2



a. Using a 50/50 alcohol mix, thoroughly clean the backside of the fixture and the surface area where fixture will be installed. Allow 5 minutes to dry.

b. Peel back 0.5" of the VHB tape's protective film on one end and use firm pressure to adhere it to the desired surface, avoiding air bubbles. Continue peeling the film and adhering the tape in small sections until the entire length is installed.

3



For porous materials (Wood, Brick, Concrete etc.) apply two layers of paint or primer to the surface. This will help create a better bonding surface for these materials. These can be purchased from a local hardware store.

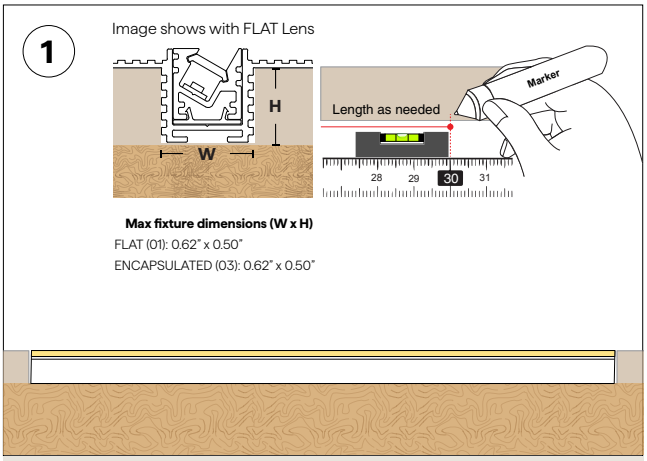
MATERIALS	SUGGESTED EPOXIES
Concrete, Stone, Cinderblock, Metal, and Brick	Loctite Metal and Concrete Two-Part Epoxy
ABS, Fiberglass, Plastic, and PVC	Loctite Plastic Two-Part Epoxy
Tile, Wood, Ceramic, Glass, or Metal	Loctite Clear Two-Part Epoxy
All Purpose	Strong Stik

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MICRO 5 POP MUD-IN

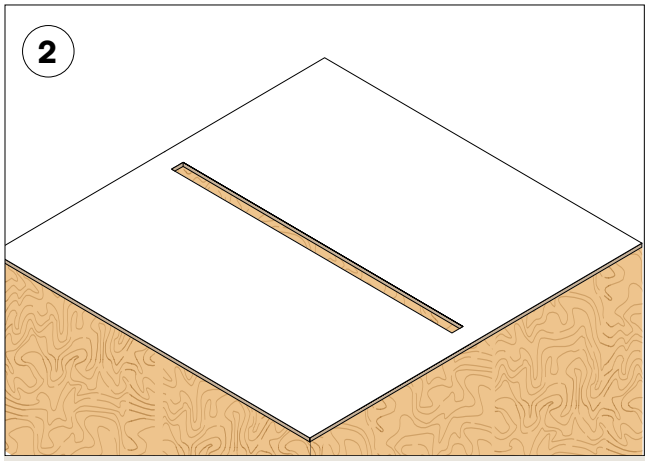
Linear Fixture Installation Instructions

RECESSED MOUNTING METHOD: **MUD-IN SILICONE MOUNT**

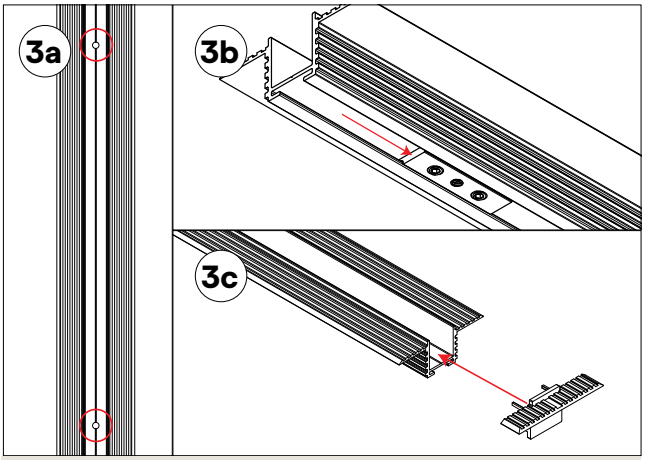


Determine the POP fixture(s) location and positioning on desired surface. Make any necessary reference markings.

NOTE: Depth of the channel is dependent on overall height. Check spec sheet dimensions for the height and width of the specific fixture and mounting you are installing.



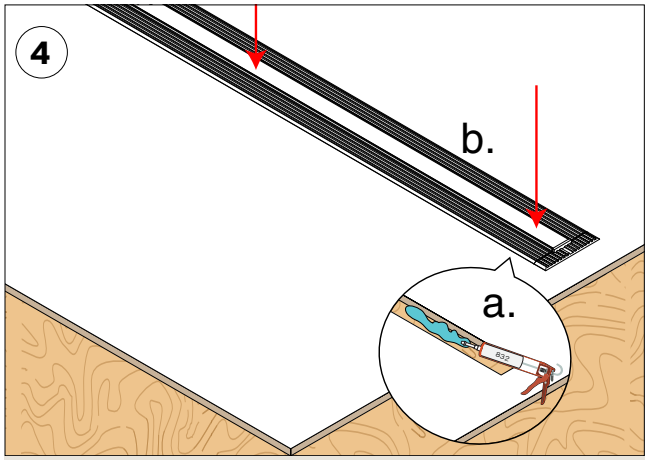
Cut the material so that there is slot for the mud-in channel to be mounted into. Drill out any desired wireways.



a. Pre-drill #6 holes into center of the mud-in channel track where PLC clips are desired

b. Slide in the MDIN-to-PLC piece within the mud-in channel. Utilize the set screws to secure them into place above the predrilled holes.

c. Insert the endcaps via the mud-in channel. Secure in place with glue



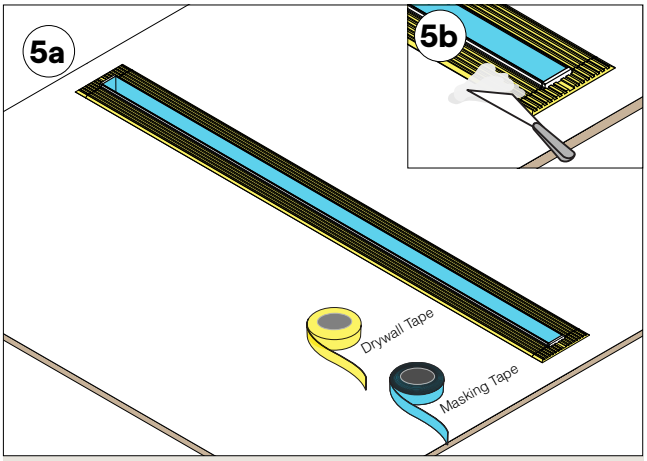
a. Apply silicone to all the sides walls and bottom surface of the drywall.

b. Place the mud-in channel into the drywall. Wait until the silicone completely cures.

NOTE: Cure time is dependent on the type of silicone adhesive used. Refer to silicone product manufacturer for accurate drying time.

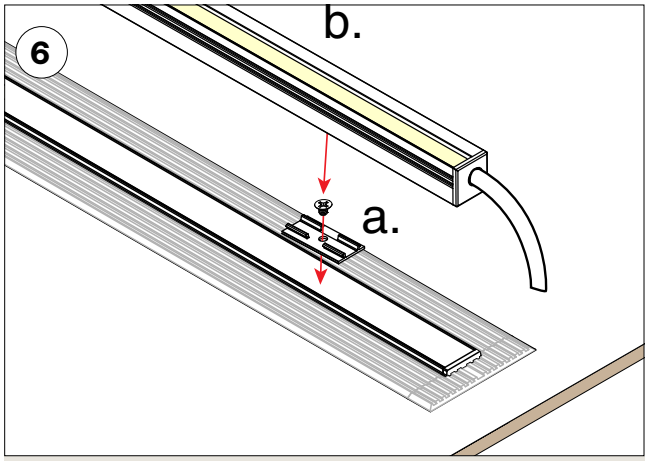
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RECESSED MOUNTING METHOD: **MUD-IN SILICONE MOUNT CONTINUED**



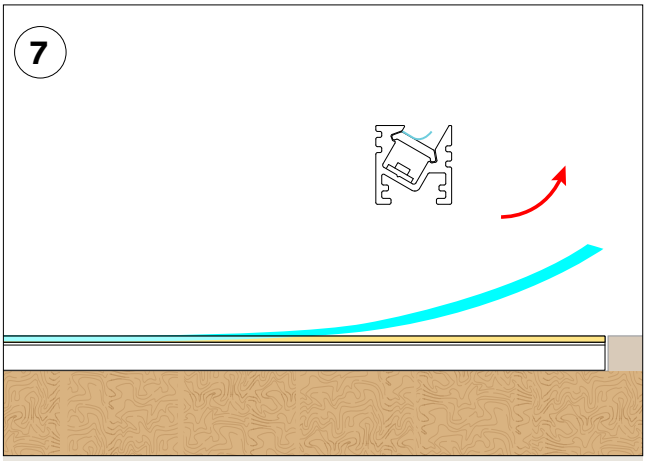
a. Prepare the mud in by covering the flanges with drywall tape. Cover the inside of the extrusion channel with masking tape.

b. Use the plaster to cover the extrusion's flanges. Then, smooth out until it has an even transition from plaster to wall surface.



a. Align the PLC clips where the holes were predrilled into the mud-in channel. Then fasten clips in place with the provided screws

b. Install the POP fixture by feeding any wires through the wireways and snapping the fixture onto the PLC clips.



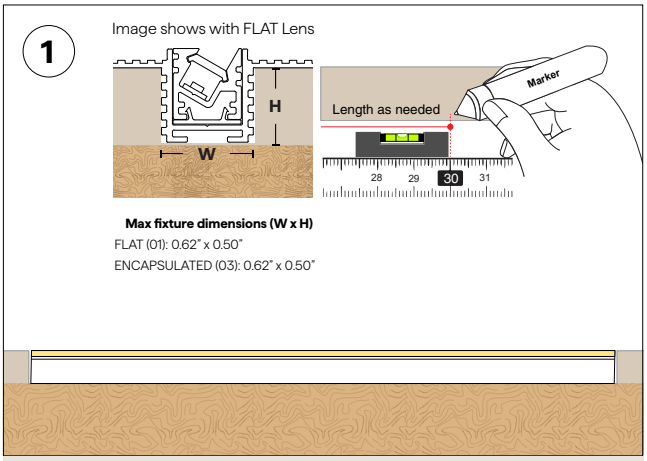
Remove protective film from the surface of the fixture's lens.

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MICRO 5 POP MUD-IN

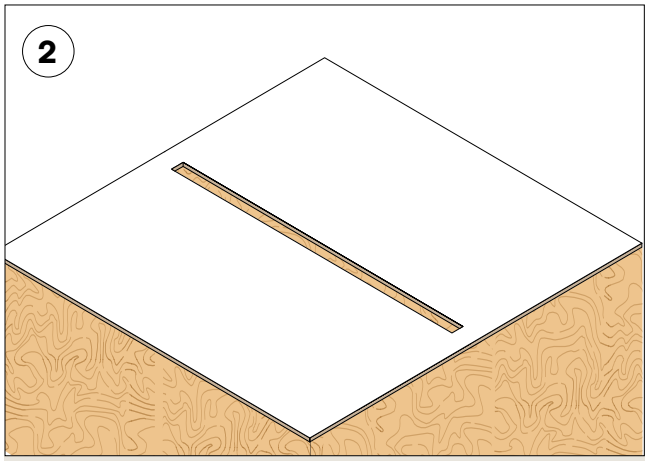
Linear Fixture Installation Instructions

RECESSED MOUNTING METHOD: **MUD-IN SCREW MOUNT**

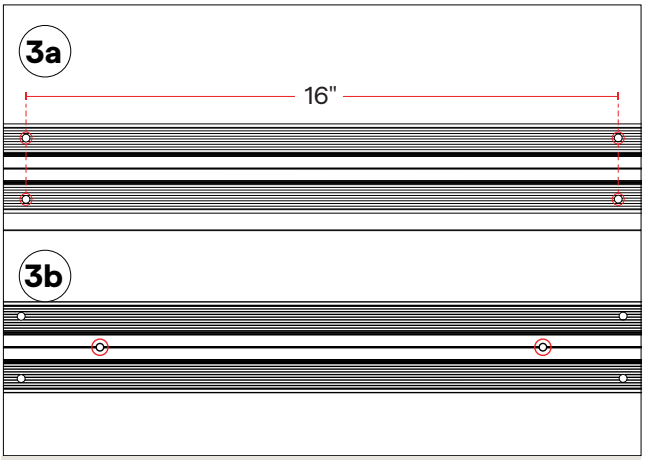


Determine the POP fixture(s) location and positioning on desired surface. Make any necessary reference markings.

NOTE: Depth of the channel is dependent on overall height. Check spec sheet dimensions for the height and width of the specific fixture and mounting you are installing.

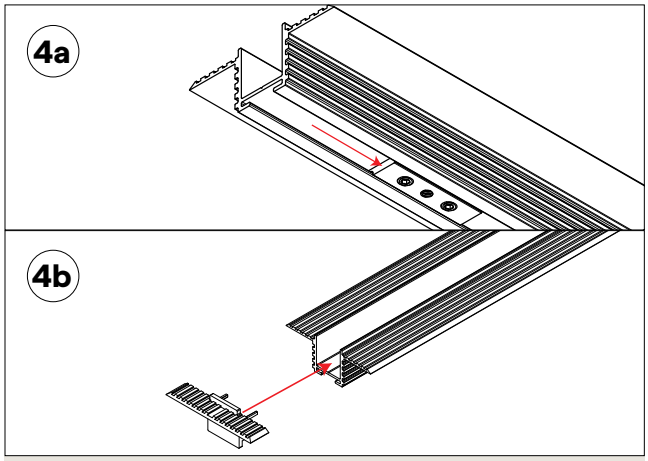


Cut the material so that there is a slot for the mud-in channel to be mounted into. Drill out any desired wireways.



a. Pre-drill #6 holes in flanges of mud-in channel to align with studs for mounting onto surface

b. Pre-drill #6 holes into center of mud-in channel track where the PLCs are desired.

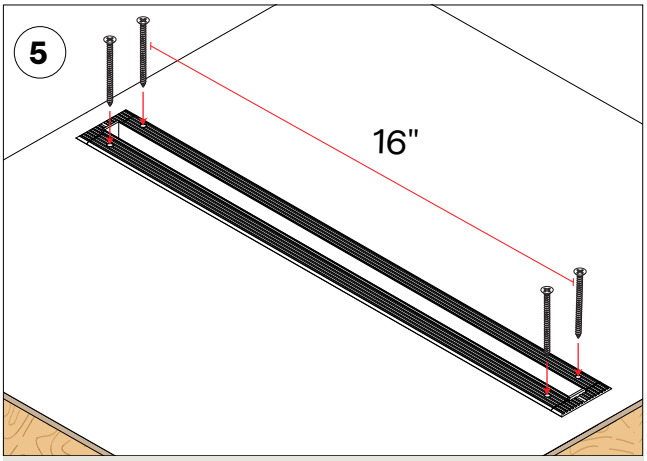


a. Slide in the MDIN-to-PLC piece within the mud-in channel. Utilize the set screws to secure them into place above the predrilled holes.

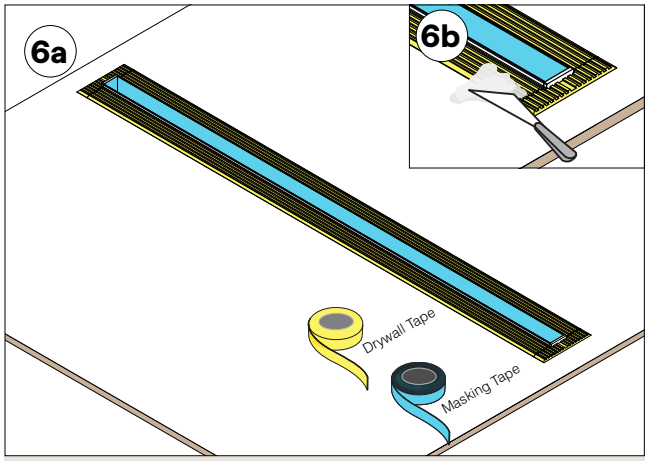
b. Insert the endcaps via the mud-in channel. Secure in place with glue

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RECESSED MOUNTING METHOD: **MUD-IN SCREW MOUNT CONTINUED**

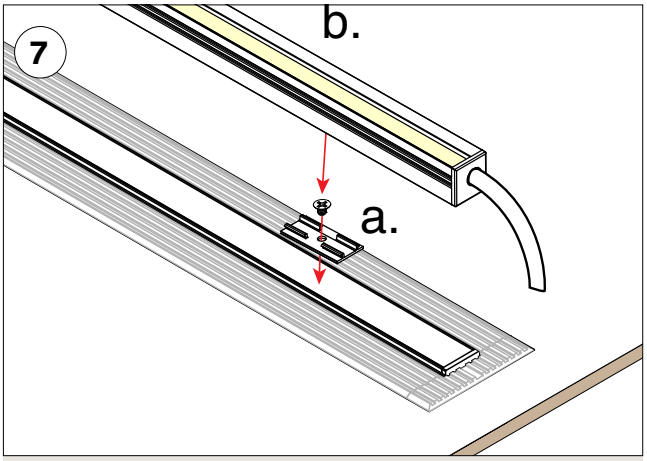


Place the mud-in channel in the slot and secure it by placing screws that align with studs through center of track.



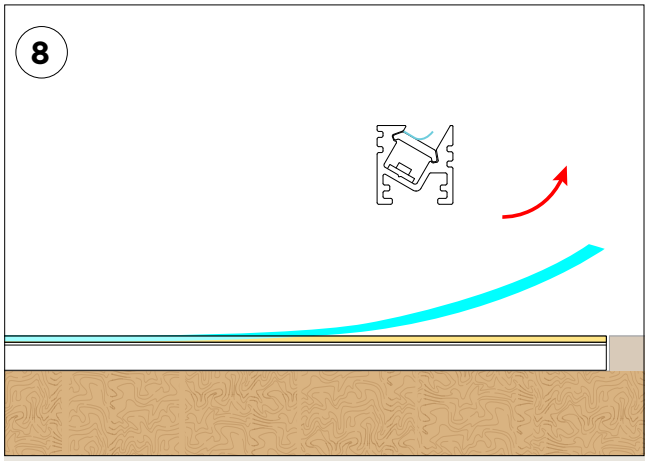
a. Prepare the mud in by covering the flanges with drywall tape. Cover the inside of the extrusion channel with masking tape.

b. Use the plaster to cover the extrusion's flanges. Then, smooth out until it has an even transition from plaster to wall surface.



a. Align the PLC clips where the holes were predrilled into the mud-in channel. Then fasten clips in place with the provided screws

b. Install the POP fixture by feeding any wires through the wireways and snapping the fixture onto the PLC clips.



Remove protective film from the surface of the fixture's lens.

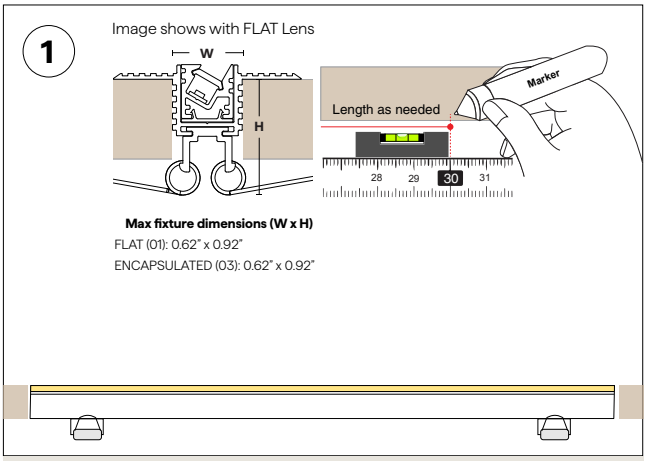
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MICRO 5 POP MUD-IN

Linear Fixture Installation Instructions

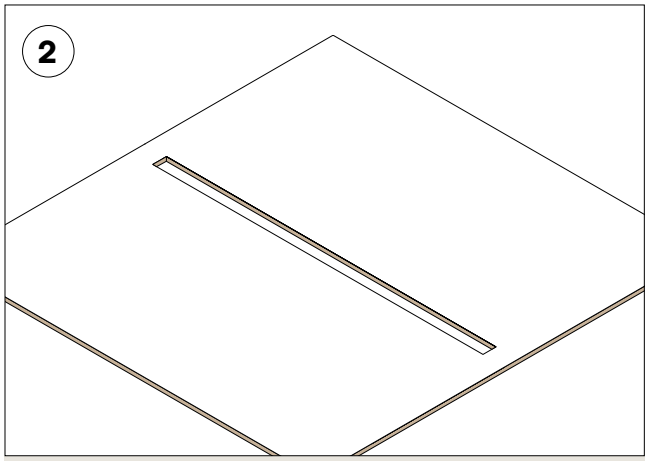
RECESSED MOUNTING METHOD: **MUD-IN SPRING MOUNT**

- 2 clips provided for 4' or less. 4 clips provided for greater than 4'

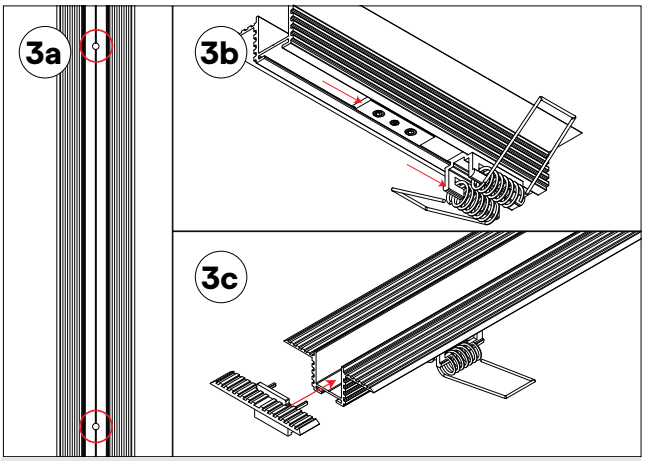


Determine the POP fixture(s) location and positioning on desired surface. Make any necessary reference markings.

NOTE: Depth of the channel is dependent on overall height. Check spec sheet dimensions for the height and width of the specific fixture and mounting you are installing.



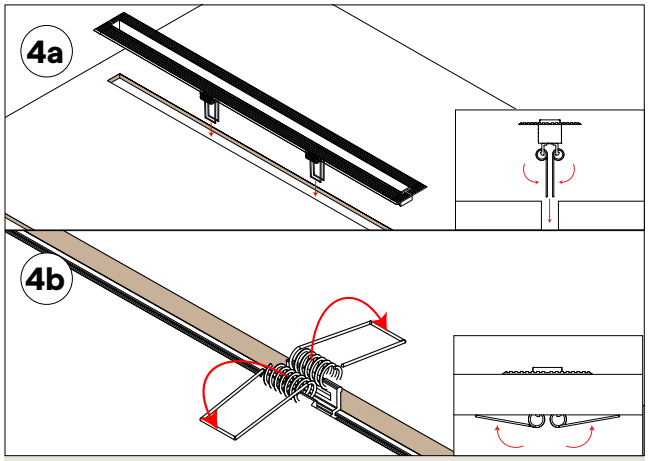
Cut the material so that there a slot for the mud-in channel to be mounted into. Drill out any desired wireways.



a. Pre-drill #6 holes into center of the mud-in channel track where PLC clips are desired

b. Slide in the MDIN-to-PLC piece within the mud-in channel. Utilize the set screws to secure them into place above the predrilled holes. In between each MDIN-to-PLC piece, insert a spring clip.

c. Insert the endcaps via the mud-in channel. Secure in place with glue

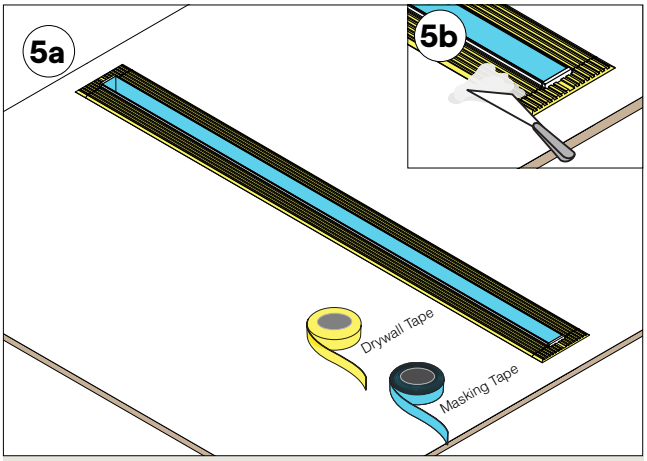


a. Flip down the spring clip arms so that they can fit through the routed slot. Slowly push down on mud-in channel.

b. Once the spring clip arms have passed through the material, they will automatically "spring" back up, and grip onto the backside of material.

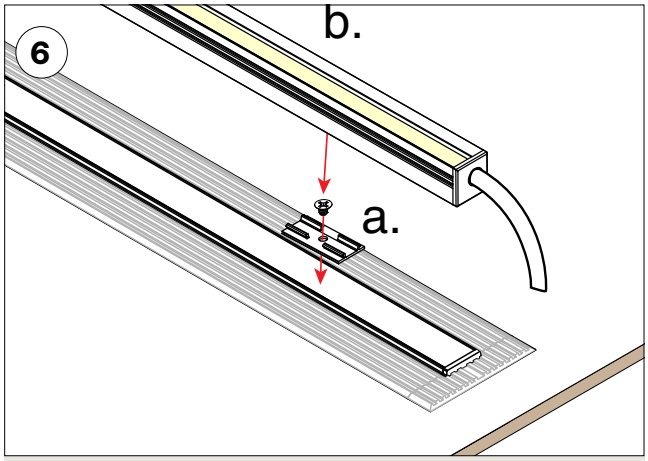
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RECESSED MOUNTING METHOD: **MUD-IN SPRING MOUNT CONTINUED**



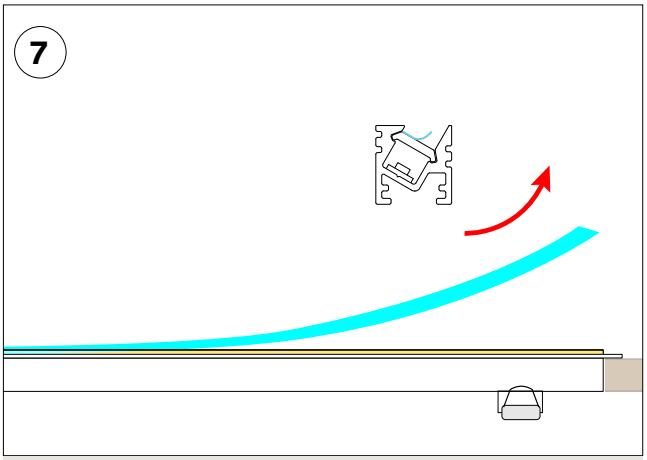
a. Prepare the mud in by covering the flanges with drywall tape. Cover the inside of the extrusion channel with masking tape.

b. Use the plaster to cover the extrusion's flanges. Then, smooth out until it has an even transition from plaster to wall surface.



a. Align the PLC clips where the holes were predrilled into the mud-in channel. Then fasten clips in place with the provided screws

b. Install the POP fixture by feeding any wires through the wireways and snapping the fixture onto the PLC clips.



Remove protective film from the surface of the fixture's lens.

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MICRO 5 POP-FLAT-SW(01)

Linear Fixtures Color Data

POP-01-SW-1.0-30-DRY-DF

3100 K

CRI: 97.1

CRI R9: 97.5

TM30 Rf: 93.2

TM30 Rg: 100.0

CQS: 95.1

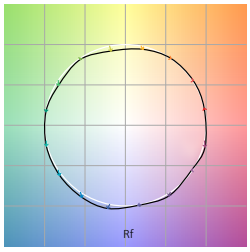
X: 0.428

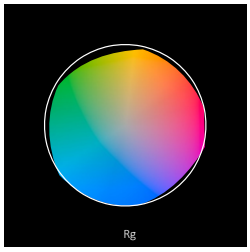
Y: 0.396

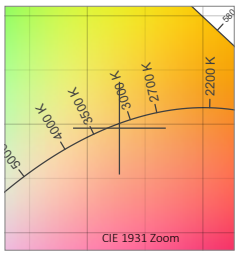
U: 0.248

V: 0.345

Δuv: -0.0018







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.4	97.4	98.6	97.9	96.6	95.2	97.2	97.6	97.5	96.7	96.4	82.1	96.3	98.1	96.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.3	96.2	93.4	92.7	93.9	95.8	97.3	97.7	97.8	98.5	98.3	97.8	98.1	95.5	94.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	96.8	96.1	92.6	92.6	96.8	90.3	96.1	91.3	89.1	91.1	91.8	94.4	93.3	91.5	91.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	2%
2	97	1%	-1%
3	96	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	90	-4%	5%
8	96	0%	3%
9	91	1%	6%
10	89	2%	6%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	91	2%	-7%

POP-01-SW-1.0-30-DRY-PR

3088 K

CRI: 97.2

CRI R9: 98.3

TM30 Rf: 93.2

TM30 Rg: 99.9

CQS: 95.1

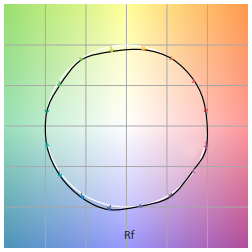
X: 0.429

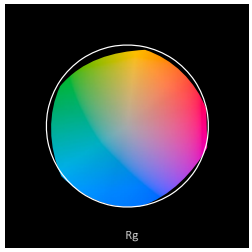
Y: 0.397

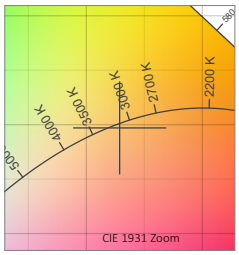
U: 0.248

V: 0.345

Δuv: -0.0017







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.7	97.6	98.7	98.1	96.8	95.3	97.1	97.7	98.3	96.9	96.4	82.2	96.5	98.2	96.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.3	96.1	93.4	92.7	93.9	95.8	97.2	97.6	97.9	98.5	98.3	97.8	98.2	95.5	94.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.8	96.9	96.2	92.6	92.6	96.8	90.4	96.1	91.4	89.1	91.1	91.7	94.3	93.1	91.5	90.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	2%
2	97	1%	-1%
3	96	0%	-1%
4	93	-3%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	90	-4%	5%
8	96	0%	3%
9	91	1%	6%
10	89	2%	6%
11	91	4%	5%
12	92	5%	-2%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	91	2%	-7%

POP-01-SW-2.0-30-DRY-DF

3076 K

CRI: 97.8

CRI R9: 96.5

TM30 Rf: 93.2

TM30 Rg: 99.7

CQS: 95.1

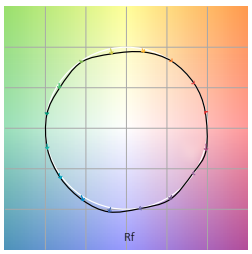
X: 0.431

Y: 0.401

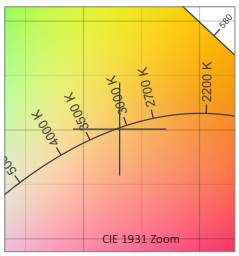
U: 0.248

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.8	97.8	98.6	97.8	96.7	97.4	97.5	96.5	99.5	97.2	81.9	97.8	97.7	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.4	96.2	93.0	92.4	94.0	96.0	97.3	97.8	97.6	98.2	98.3	97.6	97.9	96.1	94.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.2	96.5	93.0	92.6	96.8	90.7	96.0	91.6	89.0	90.7	91.8	94.4	92.8	91.3	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	96	0%	-1%
4	93	-4%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	91	-4%	5%
8	96	0%	3%
9	92	1%	6%
10	89	2%	7%
11	91	4%	5%
12	92	5%	-1%
13	94	0%	-4%
14	93	3%	-4%
15	91	-1%	-1%
16	90	2%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-08-08-24

MICRO 5 POP-FLAT-SW(01)

Linear Fixtures Color Data

POP-01-SW-2.0-30-DRY-PR

3095 K

CRI: 97.8

CRI R9: 97.3

TM30 Rf: 93.9

TM30 Rg: 100.2

CQS: 95.4

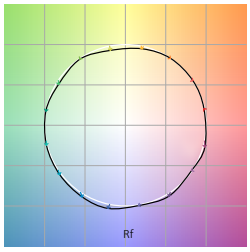
X: 0.429

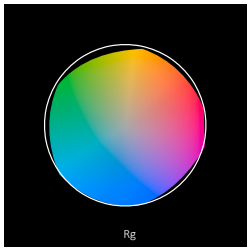
Y: 0.399

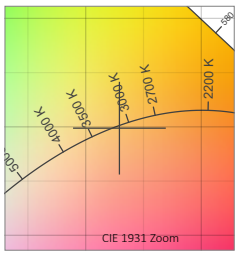
U: 0.248

V: 0.345

Δuv: -0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	98.6	97.9	98.6	97.8	96.5	97.7	97.9	97.3	99.0	96.6	83.1	97.5	97.7	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.3	96.5	93.0	92.9	94.7	96.9	96.8	97.6	97.7	98.1	98.5	97.9	98.1	96.0	94.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	97.4	96.6	93.9	93.4	97.2	92.1	96.9	92.6	90.2	91.4	92.1	94.7	93.2	92.0	90.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	93	-5%	0%
6	97	-1%	1%
7	92	-3%	4%
8	97	0%	2%
9	93	1%	5%
10	90	2%	6%
11	91	4%	5%
12	92	5%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	92	-1%	-1%
16	91	2%	-7%

POP-01-SW-4.0-20-DRY-DF

2016 K

CRI: 92.6

CRI R9: 59.9

TM30 Rf: 88.4

TM30 Rg: 103.8

CQS: 78.6

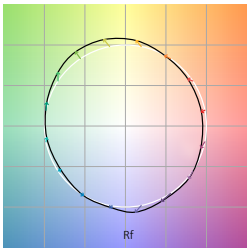
X: 0.523

Y: 0.411

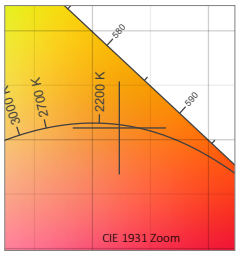
U: 0.304

V: 0.358

Δuv: -0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.5	96.6	96.5	93.5	92.9	97.3	90.4	80.2	59.9	90.1	95.4	89.9	94.5	96.2	88.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
73.9	83.7	80.3	81.4	80.2	74.9	72.3	76.2	85.5	82.6	82.3	81.5	81.4	78.7	76.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.7	87.7	85.8	87.6	89.2	87.0	84.4	87.6	90.6	93.4	91.1	88.8	89.5	73.7	85.6	87.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	88	-4%	5%
3	86	-1%	8%
4	88	6%	7%
5	89	10%	5%
6	87	10%	0%
7	84	6%	-9%
8	88	1%	-9%
9	91	-2%	-5%
10	93	-4%	1%
11	91	0%	4%
12	89	2%	3%
13	90	7%	-9%
14	74	2%	-15%
15	86	1%	-11%
16	87	-3%	-8%

POP-01-SW-4.0-20-DRY-PR

2019 K

CRI: 92.5

CRI R9: 59.3

TM30 Rf: 88.1

TM30 Rg: 103.9

CQS: 78.5

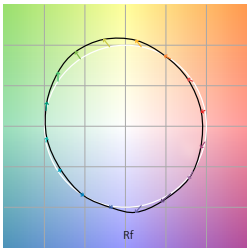
X: 0.523

Y: 0.411

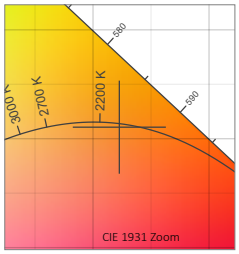
U: 0.304

V: 0.358

Δuv: -0.0010







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.3	96.5	96.5	93.2	92.7	97.2	90.3	79.9	59.3	89.8	95.1	89.6	94.4	96.2	88.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
73.8	83.8	80.2	81.3	80.2	74.9	72.0	75.9	85.6	82.5	82.1	81.3	81.3	78.7	76.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.5	87.3	85.2	86.9	88.7	86.6	83.9	86.9	90.1	93.1	91.0	88.8	89.5	73.6	85.7	87.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	90	-5%	-1%
2	87	-4%	6%
3	85	-1%	8%
4	87	7%	8%
5	89	10%	5%
6	87	11%	0%
7	84	6%	-9%
8	87	1%	-10%
9	90	-2%	-5%
10	93	-4%	0%
11	91	0%	4%
12	89	2%	3%
13	90	7%	-8%
14	74	2%	-15%
15	86	1%	-10%
16	88	-4%	-8%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-08-08-24

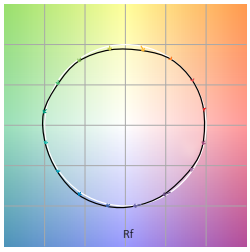
MICRO 5 POP-FLAT-SW(01)

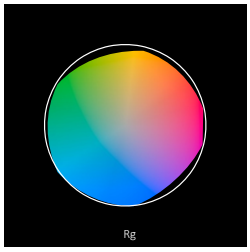
Linear Fixtures Color Data

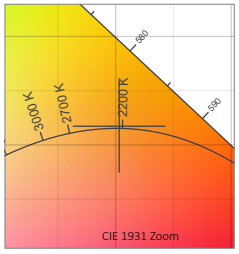
POP-01-SW-4.0-22-DRY-DF

2242 K

CRI: 96.3
CRI R9: 89.5
TM30 Rf: 93.7
TM30 Rg: 98.7
CQS: 88.8
X: 0.503
Y: 0.417
U: 0.287
V: 0.358
Δuv: 0.0007







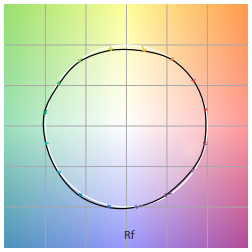
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.2	98.0	98.2	95.7	96.3	93.5	96.4	95.3	89.5	97.1	90.8	90.1	96.8	97.5	98.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
86.4	89.0	92.0	91.4	92.3	91.9	90.0	88.8	86.9	85.6	87.3	88.3	90.3	90.5	88.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.5	96.5	94.8	91.0	94.5	93.6	92.5	93.6	94.0	95.7	94.3	93.1	91.2	86.3	94.5	92.8

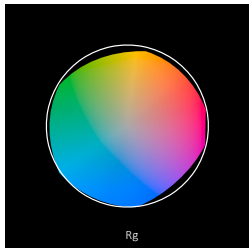
TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	95	-1%	-2%
4	91	-5%	-4%
5	95	-5%	1%
6	94	-2%	4%
7	92	-2%	4%
8	94	2%	5%
9	94	2%	3%
10	96	2%	2%
11	94	4%	0%
12	93	3%	-3%
13	91	0%	-9%
14	86	-2%	-9%
15	95	-3%	0%
16	93	-1%	-4%

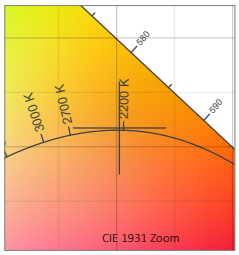
POP-01-SW-4.0-22-DRY-PR

2248 K

CRI: 96.3
CRI R9: 89.8
TM30 Rf: 93.8
TM30 Rg: 98.8
CQS: 88.9
X: 0.502
Y: 0.417
U: 0.287
V: 0.358
Δuv: 0.0007







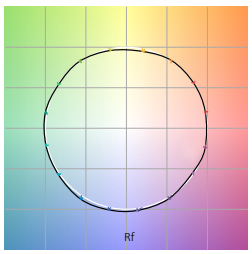
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.1	98.0	98.2	95.5	96.2	93.5	96.5	95.5	89.8	97.1	90.7	90.2	96.7	97.4	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
86.6	89.1	92.0	91.4	92.4	92.1	90.1	89.0	87.0	85.7	87.4	88.4	90.3	90.6	89.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.6	96.5	94.8	91.1	94.6	93.6	92.5	93.7	94.0	95.8	94.4	93.2	91.3	86.5	94.6	93.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	97	0%	-1%
3	95	-1%	-2%
4	91	-5%	-4%
5	95	-5%	1%
6	94	-2%	4%
7	93	-2%	4%
8	94	2%	4%
9	94	2%	3%
10	96	2%	2%
11	94	4%	0%
12	93	3%	-3%
13	91	0%	-9%
14	86	-2%	-9%
15	95	-3%	0%
16	93	-1%	-4%

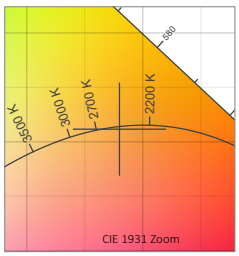
POP-01-SW-4.0-24-DRY-DF

2452 K

CRI: 96.6
CRI R9: 93.3
TM30 Rf: 95.0
TM30 Rg: 100.9
CQS: 93.8
X: 0.480
Y: 0.412
U: 0.275
V: 0.354
Δuv: -0.0009







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.7	97.7	98.4	96.2	96.3	93.9	97.1	96.9	93.3	96.7	92.1	89.1	96.4	97.7	99.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.2	93.2	94.2	95.0	95.5	94.8	94.3	95.4	95.5	95.4	94.6	94.4	95.3	92.8	92.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.4	97.2	96.0	94.0	96.6	96.2	95.8	96.4	95.3	96.0	93.9	93.3	91.6	91.4	94.8	92.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	97	0%	0%
3	96	0%	0%
4	94	-3%	-3%
5	97	-2%	1%
6	96	1%	3%
7	96	0%	2%
8	96	2%	1%
9	95	1%	2%
10	96	2%	2%
11	94	4%	2%
12	93	3%	-3%
13	92	2%	-8%
14	91	1%	-6%
15	95	-2%	0%
16	92	0%	-6%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-08-08-24

MICRO 5 POP-FLAT-SW(01)

Linear Fixtures Color Data

POP-01-SW-4.0-24-DRY-PR

2462 K

CRI: 96.6

CRI R9: 93.1

TM30 Rf: 95.2

TM30 Rg: 101.1

CQS: 94.0

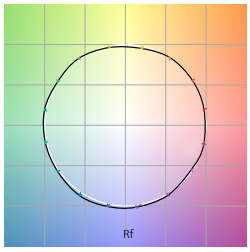
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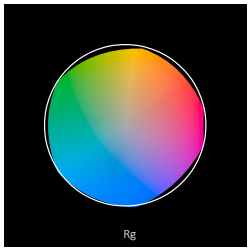
Y: 0.411

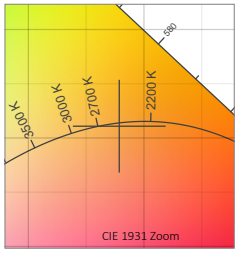
U: 0.275

V: 0.354

Δuv: -0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.7	97.6	98.5	96.3	96.3	93.9	96.9	96.8	93.1	96.7	92.2	89.2	96.4	97.7	99.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	93.3	94.2	95.0	95.7	94.8	94.0	95.1	95.6	95.7	95.0	94.9	95.7	92.7	92.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.5	97.3	96.3	94.5	96.7	96.0	96.1	96.6	95.5	96.2	94.1	93.4	91.6	91.5	95.1	92.3

TM30

Hue Bin	R_f	Chroma	Hue
1	97	-1%	1%
2	97	0%	0%
3	96	0%	0%
4	95	-3%	-2%
5	97	-2%	1%
6	96	1%	2%
7	96	0%	2%
8	97	2%	1%
9	96	1%	2%
10	96	2%	2%
11	94	4%	2%
12	93	3%	-3%
13	92	2%	-8%
14	91	1%	-6%
15	95	-1%	-1%
16	92	0%	-6%

POP-01-SW-4.0-27-DRY-DF

2462 K

CRI: 96.6

CRI R9: 93.1

TM30 Rf: 95.2

TM30 Rg: 101.1

CQS: 94.0

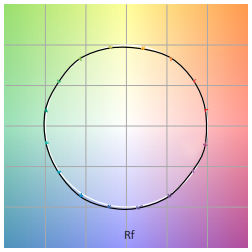
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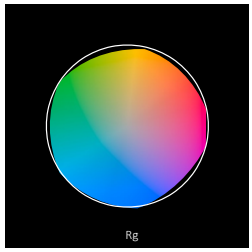
Y: 0.411

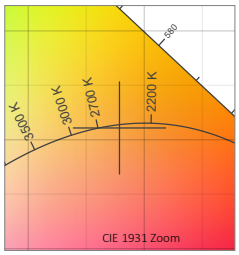
U: 0.275

V: 0.354

Δuv: -0.0011







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.7	97.6	98.5	96.3	96.3	93.9	96.9	96.8	93.1	96.7	92.2	89.2	96.4	97.7	99.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.5	93.3	94.2	95.0	95.7	94.8	94.0	95.1	95.6	95.7	95.0	94.9	95.7	92.7	92.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.5	97.3	96.3	94.5	96.7	96.0	96.1	96.6	95.5	96.2	94.1	93.4	91.6	91.5	95.1	92.3

TM30

Hue Bin	R_f	Chroma	Hue
1	97	-1%	1%
2	97	0%	0%
3	96	0%	0%
4	95	-3%	-2%
5	97	-2%	1%
6	96	1%	2%
7	96	0%	2%
8	97	2%	1%
9	96	1%	2%
10	96	2%	2%
11	94	4%	2%
12	93	3%	-3%
13	92	2%	-8%
14	91	1%	-6%
15	95	-1%	-1%
16	92	0%	-6%

POP-01-SW-4.0-27-DRY-PR

2754 K

CRI: 97.6

CRI R9: 94.8

TM30 Rf: 94.8

TM30 Rg: 100.5

CQS: 95.5

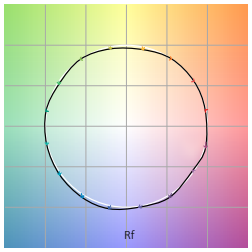
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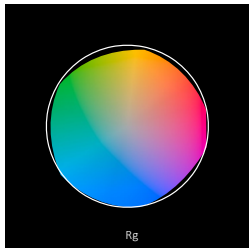
Y: 0.407

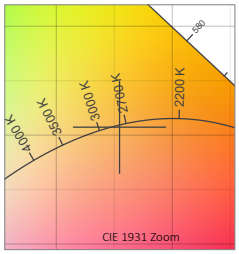
U: 0.261

V: 0.350

Δuv: -0.0008







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.5	98.7	97.6	97.7	97.7	96.2	97.9	97.7	94.8	99.1	94.7	87.4	97.5	97.4	98.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.9	95.7	93.8	94.4	96.1	97.6	95.7	97.0	97.3	97.5	97.4	96.9	97.3	95.3	94.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.2	97.8	96.7	94.2	96.0	97.1	93.6	97.3	94.7	93.3	93.0	92.7	94.1	93.2	94.0	91.1

TM30

Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	94	-3%	-2%
5	96	-2%	1%
6	97	0%	2%
7	94	-2%	3%
8	97	1%	1%
9	95	1%	3%
10	93	2%	4%
11	93	3%	4%
12	93	4%	-1%
13	94	1%	-4%
14	93	3%	-5%
15	94	-2%	0%
16	91	1%	-7%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-08-08-24

MICRO 5 POP-FLAT-SW(01)

Linear Fixtures Color Data

POP-01-SW-4.0-30-DRY-DF

3057 K

CRI: 98.2

CRI R9: 95.6

TM30 Rf: 94.2

TM30 Rg: 100.4

CQS: 95.5

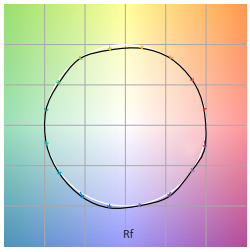
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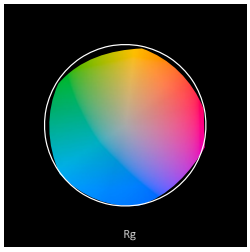
Y: 0.401

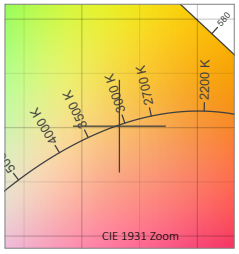
U: 0.249

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.5	97.0	98.9	98.6	97.3	98.3	98.0	95.6	99.0	96.7	83.4	98.4	97.3	98.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.1	96.7	92.5	92.8	95.3	97.9	96.2	97.5	97.4	97.6	98.3	97.9	98.0	96.4	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.9	97.8	96.9	94.8	93.6	97.3	93.3	97.5	93.5	90.8	90.9	92.6	95.1	93.0	92.3	90.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-2%
5	94	-5%	0%
6	97	0%	1%
7	93	-3%	3%
8	97	0%	2%
9	94	0%	5%
10	91	1%	5%
11	91	4%	6%
12	93	4%	0%
13	95	1%	-3%
14	93	3%	-4%
15	92	0%	-2%
16	90	2%	-8%

POP-01-SW-4.0-30-DRY-PR

3067 K

CRI: 98.3

CRI R9: 94.7

TM30 Rf: 94.3

TM30 Rg: 100.5

CQS: 95.5

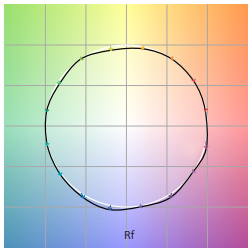
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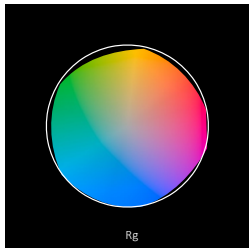
Y: 0.401

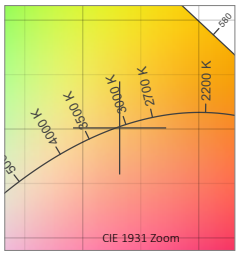
U: 0.249

V: 0.346

Δuv: -0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.6	96.9	99.1	98.7	97.4	98.3	97.7	94.7	98.7	96.8	83.5	98.6	97.3	98.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.3	96.7	92.3	92.7	95.3	98.1	96.0	97.4	97.4	97.5	98.1	98.1	98.2	96.4	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.0	97.8	96.9	95.0	93.7	97.3	93.5	97.7	93.7	90.9	91.2	92.2	95.1	92.9	92.3	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	96	-1%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-1%
5	94	-5%	1%
6	97	0%	1%
7	94	-2%	3%
8	98	0%	1%
9	94	0%	4%
10	91	1%	5%
11	91	3%	5%
12	92	5%	0%
13	95	1%	-3%
14	93	4%	-4%
15	92	0%	-2%
16	90	2%	-8%

POP-01-SW-4.0-35-DRY-DF

3477 K

CRI: 98.1

CRI R9: 94.5

TM30 Rf: 93.2

TM30 Rg: 99.7

CQS: 95.9

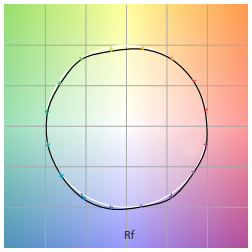
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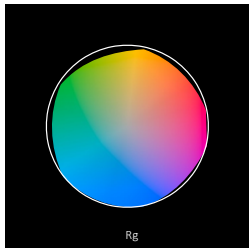
Y: 0.392

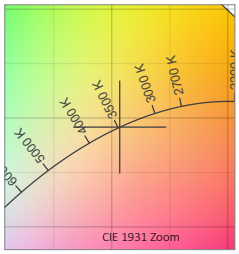
U: 0.236

V: 0.341

Δuv: 0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	99.4	96.4	99.1	97.9	96.9	98.3	97.4	94.5	96.6	98.4	77.8	99.6	97.2	97.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.7	98.4	91.6	91.3	94.6	97.2	97.4	98.6	98.4	98.4	98.8	99.7	99.8	98.1	96.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.4	96.4	93.9	92.4	97.2	93.4	95.4	92.2	88.4	88.4	92.2	95.6	92.4	91.4	90.8

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	96	0%	0%
4	94	-3%	-1%
5	92	-6%	0%
6	97	-1%	1%
7	93	-3%	3%
8	95	-1%	3%
9	92	0%	5%
10	88	1%	8%
11	88	4%	7%
12	92	4%	1%
13	96	1%	-2%
14	92	4%	-4%
15	91	1%	-3%
16	91	1%	-5%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-08-08-24

MICRO 5 POP-FLAT-SW(01)

Linear Fixtures Color Data

POP-01-SW-4.0-35-DRY-PR

3497 K

CRI: 98.1

CRI R9: 94.5

TM30 Rf: 93.2

TM30 Rg: 99.7

CQS: 96.0

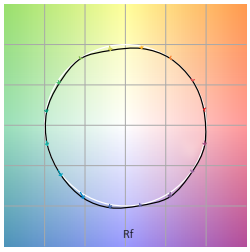
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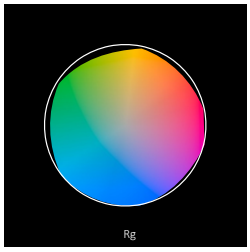
Y: 0.391

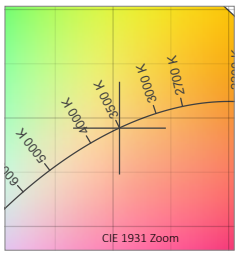
U: 0.236

V: 0.341

Δuv: -0.0001







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.0	99.5	96.4	99.1	97.9	96.9	98.2	97.4	94.5	96.7	98.4	77.9	99.5	97.2	97.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	98.6	91.6	91.3	94.7	97.4	97.5	98.7	98.5	98.4	98.8	99.8	100.0	98.2	96.8
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.4	96.4	93.9	92.4	97.2	93.5	95.5	92.3	88.4	88.4	92.3	95.6	92.5	91.5	90.9

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	96	0%	0%
4	94	-3%	-1%
5	92	-6%	0%
6	97	-1%	1%
7	94	-3%	3%
8	96	-1%	3%
9	92	0%	5%
10	88	1%	8%
11	88	4%	7%
12	92	4%	1%
13	96	1%	-2%
14	93	4%	-4%
15	91	1%	-3%
16	91	1%	-5%

POP-01-SW-4.0-40-DRY-DF

4030 K

CRI: 97.4

CRI R9: 97.2

TM30 Rf: 92.5

TM30 Rg: 99.7

CQS: 94.9

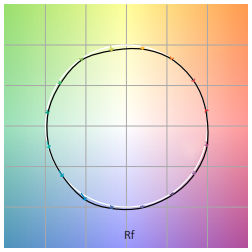
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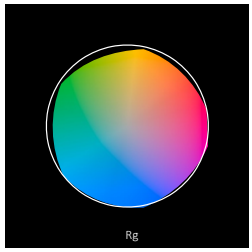
Y: 0.377

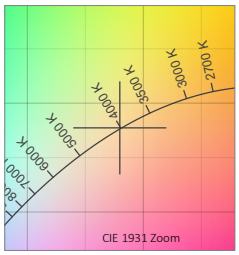
U: 0.224

V: 0.334

Δuv: 0.0005







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	98.7	95.1	98.2	96.9	95.2	98.7	97.8	97.2	94.7	97.6	72.7	99.1	96.7	96.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.7	99.2	89.5	88.7	92.8	95.5	97.1	98.6	97.5	97.8	98.0	99.3	99.2	99.1	96.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.3	96.2	93.0	91.5	96.2	94.1	93.0	89.6	87.5	86.4	92.4	95.1	94.5	90.5	90.3

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	0%
2	97	0%	-1%
3	96	0%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-2%	1%
7	94	-3%	2%
8	93	-2%	4%
9	90	-1%	8%
10	87	0%	8%
11	86	4%	9%
12	92	3%	3%
13	95	3%	0%
14	95	2%	0%
15	90	3%	-3%
16	90	2%	-5%

POP-01-SW-4.0-40-DRY-PR

4039 K

CRI: 97.4

CRI R9: 97.5

TM30 Rf: 92.4

TM30 Rg: 99.7

CQS: 94.8

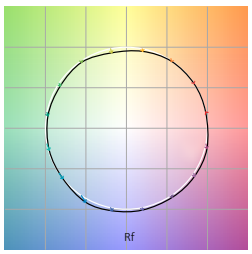
X: 0.379

Y: 0.377

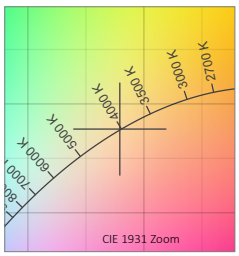
U: 0.224

V: 0.334

Δuv: 0.0004







R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	98.6	95.1	98.1	96.8	95.2	98.8	97.8	97.5	94.7	97.5	72.3	99.1	96.7	96.5
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.7	99.1	89.3	88.5	92.7	95.4	97.0	98.6	97.5	97.7	97.9	99.2	99.3	99.0	96.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.3	96.1	92.9	91.5	96.2	94.1	93.0	89.5	87.4	86.2	92.2	95.1	94.5	90.4	90.2

TM30			
Hue Bin	R_f	Chroma	Hue
1	95	0%	0%
2	97	0%	-1%
3	96	0%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-2%	1%
7	94	-3%	2%
8	93	-2%	4%
9	90	-1%	8%
10	87	0%	8%
11	86	4%	9%
12	92	3%	3%
13	95	3%	0%
14	94	2%	0%
15	90	3%	-3%
16	90	2%	-5%

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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