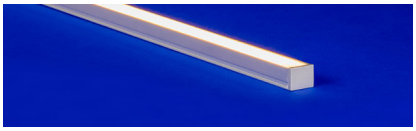
# MICRO 5 ATOM-FLAT (01) STATIC WHITE

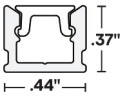
24VDC Linear Fixtures - Surface & Recessed

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 engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- 60% smaller than ESSENTIALS-TORQ
- Delivers equivalent efficacy as standard size fixture
- Choose from diffused or frosted lens options for varying diode visibility
- Ideal for surface mounted or recessed installations that call for low-profile light in small areas
- Features a stainless steel mounting clip and can also be mounted with VHB adhesive
- 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
- Consult factory for field assembly options

| 1 PRODUCT | 2 WATTS/FT | 3 CCT | 4 RATED | 5 LENS | 6 EXTERNAL LOUVER | 7 WIRE INPUT/ OUTPUT | 8 CONNECTOR/ WIRE IN | 9 CONNECTOR/ WIRE OUT | 10 WIRE COLOR | 11 WIRE TYPE | 12 MOUNTING | 13 FINISH | 14 LENGTH (IN) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | SST | |

| 15 EXACT/ OPTIMAL | |
|---|---|
| | |

Sample Part Number: **ATOM-01-SW-1.0-30-DRY-FR-L1-WH-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

## 1 PRODUCT

**ATOM-01-SW**
**ATOM-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.

## 2 WATTS/FT

| | |
|---|---|
| **1.0** | 1.0W/ft |
| **2.0** | 2.0W/ft |
| **4.0** | 4.0W/ft |

| | |
|---|---|
| **4.0** | 4.0W/ft |

## 3 CCT

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

| | |
|---|---|
| **22** | 2200K |
| **24** | 2400K |
| **27** | 2700K |
| **30** | 3000K |
| **35** | 3500K |
| **40** | 4000K |

## 4 RATED

| | |
|---|---|
| **DRY** | IP20 |

| | |
|---|---|
| **DMP** | IP54 |

## 5 LENS

| | |
|---|---|
| **DF** | Diffused |
| **FR** | Frosted |

For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance section on following pages

## 6 EXTERNAL LOUVER

| | |
|---|---|
| **L1-WH** | White Plastic |
| **L1-BK** | Black Plastic |
| **N/A** | Internal Louver Included |

Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length.

## 7 WIRE INPUT/OUTPUT

| | |
|---|---|
| **S1** | Single 1 (Input only) - End Feed |
| **S2** | Single 2 (Input only) - Bottom Feed |
| **S3** | Single 3 (Input only) - Left Side Feed |
| **S4** | Single 4 (Input only) - Right Side Feed |

For continuous mounting, consider bottom feed.

| | |
|---|---|
| **P1** | Pass Through 1 (Input/output) - End Feed |
| **P2** | Pass Through 2 (Input/output) - Bottom Feed |
| **P3** | Pass Through 3 (Input/output) - Left Side Feed |
| **P4** | Pass Through 4 (Input/output) - Right Side Feed |

For continuous mounting, consider bottom feed.

## 8 CONNECTOR/WIRE IN

| | |
|---|---|
| **BW** | Bare Wire (Standard 24") |
| **BRL** | Barrel |
| **CON6** | Connector 6" |
| **CON24** | Connector 24" |

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

| | |
|---|---|
| **BW** | Bare Wire (Standard 24") |
| **BRL** | Barrel |
| **CON6** | Connector 6" |
| **CON24** | Connector 24" |

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

## 9 CONNECTOR/WIRE OUT

| | |
|---|---|
| **CLS** | Closed End (No feed) |

| | |
|---|---|
| **BW** | Bare Wire (Standard 24") |
| **BRL** | Barrel |
| **CON6** | Connector 6" |
| **CON24** | Connector 24" |

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

## 10 WIRE COLOR

| | |
|---|---|
| **WH** | White |
| **BK** | Black |
| **N/A** | For Barrel |

## 11 WIRE TYPE

| | |
|---|---|
| **CL2** | Class 2 |
| **CL2P** | Plenum Rated |
| **N/A** | For Barrel |

CL2P only available with bare wire leads (BW)

## 12 MOUNTING

| | |
|---|---|
| **SST** | Stainless Steel |

## 13 FINISH

| | |
|---|---|
| **ST** | Satin |
| **BK** | Black |
| **CU** | Custom |

Custom finishes require a longer lead time, consult factory

## 14 LENGTH (IN)

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

## 15 EXACT/OPTIMAL

| | |
|---|---|
| **E** | Exact specified length |
| **O** | Optimal illumination |

PRELIMINARY
SUBJECT TO CHANGE

5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Title 24 – JA8-2019 Static White Strip: All wattages, CCT and IP

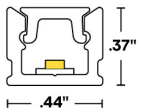
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Specification subject to change. Rev-08-07-26

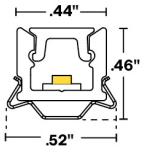
# MICRO 5 ATOM-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS




Profile with flat lens



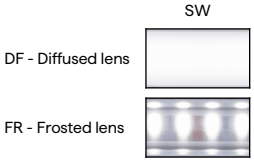

Profile with flat lens and stainless steel mounting clip

## 2 DELIVERED LUMENS

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

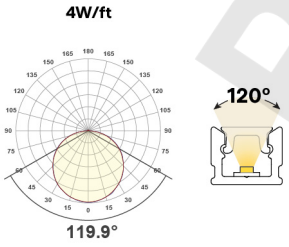
| | 1.0 W/FT | | 2.0 W/FT | | 4.0 W/FT | |
|---|---|---|---|---|---|---|
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| FR | 74 | 97 | 148 | 98 | 297 | 98 |
| DF | 44 | 98 | 84 | 98 | 164 | 98 |

## 5 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

PRELIMINARY
SUBJECT TO CHANGE

# MICRO 5 ATOM-FLAT (01) STATIC WHITE

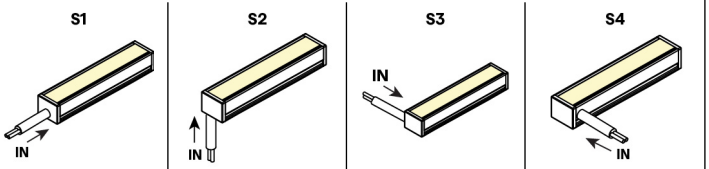
24VDC Linear Fixtures - Surface & Recessed

## TEMPERATURE RATINGS

| | | 1.0 W/FT | | 2.0 W/FT | | 4.0 W/FT | |
|---|---|---|---|---|---|---|---|
| | | Min | Max | Min | Max | Min | Max |
| DRY | Ambient Operating Temp - Surface | -4°F | 145°F | -4°F | 140°F | -4°F | 120°F |
| DMP | Ambient Operating Temp - Surface | -4°F | 145°F | -4°F | 140°F | -4°F | 120°F |

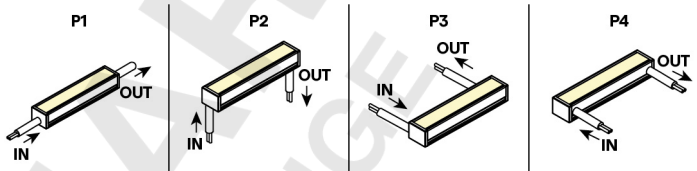
## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)



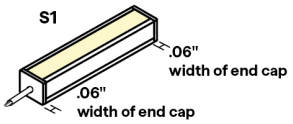

End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

PASS THROUGH (Input/Output)

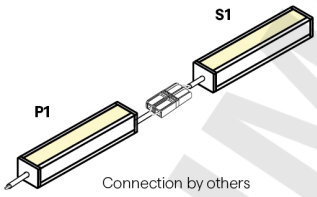



End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

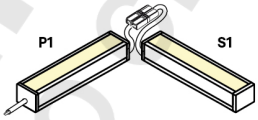
## CONFIGURATION OPTIONS



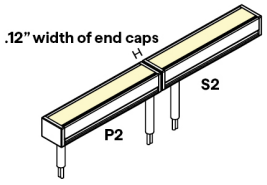

Single End Feed



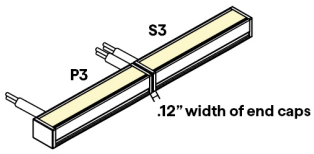

Non-Continuous End Feed



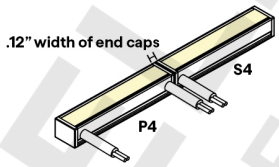

Non-Continuous End Feed



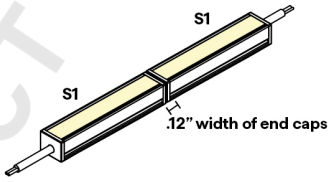

Continuous Bottom Feed




Continuous Side Feed - Left



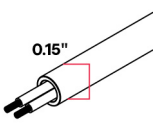

Continuous Side Feed - Right



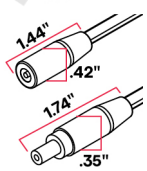

Continuous End to End Feed

## 8/9 CONNECTOR/WIRE – IN/OUT

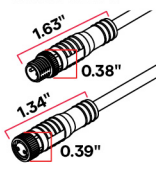
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out




Bare Wire 24"
22 AWG

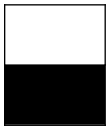



Barrel 6" - DRY/DMP |
22 AWG




6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

## 10 WIRE COLOR



White

Black

PRELIMINARY SUBJECT TO CHANGE

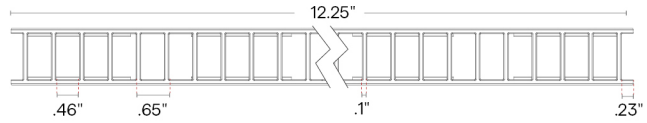
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# MICRO 5 ATOM-FLAT (01) STATIC WHITE

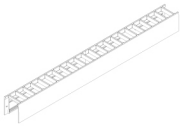
24VDC Linear Fixtures - Surface & Recessed

## EXTERNAL LOUVER ACCESSORY

**PLASTIC**




**L1-XX**

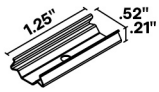


Lumen Multiplier

| WH | BK |
|---|---|
| 0.70 | 0.54 |

## 12 MOUNTING

**SST**




Stainless Steel Clip

2 pieces of hardware provided for 4' or less; 4 pieces provided for greater than 4'

To order separately use SST-08

Each clip comes with a #4 x 5/8" Flat Head SS

## 13 FINISH

Satin

Black

Custom finishes require a longer lead time, consult factory

PRELIMINARY
SUBJECT TO CHANGE

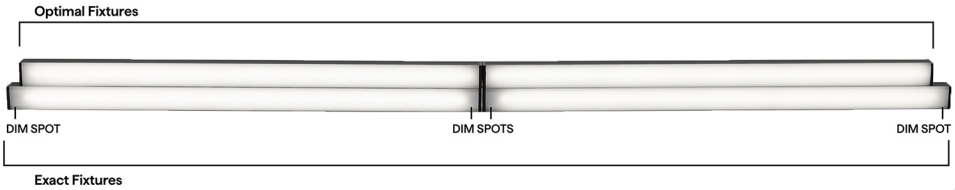
# MICRO 5 ATOM-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 15 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator → E/O Explained →

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.




## 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 | S1 & S2 & S3 & S4 | P1 & P2 & P3 & P4 |
|---|---|---|
| 12" | 11.38" | 11.63" |
| 13" | 12.38" | 12.63" |
| 14" | 13.38" | 13.63" |
| 15" | 14.38" | 14.63" |
| 16" | 15.38" | 15.63" |
| 17" | 16.38" | 16.63" |
| 18" | 17.38" | 17.63" |
| 19" | 18.38" | 18.63" |
| 20" | 19.38" | 19.63" |
| 21" | 20.38" | 20.63" |
| 22" | 21.38" | 21.63" |
| 23" | 22.38" | 22.63" |
| 24" | 23.38" | 23.63" |
| 36" | 35.38" | 35.63" |
| 48" | 47.38" | 47.63" |
| 60" | 59.38" | 59.63" |
| 72" | 71.38" | 71.63" |
| 84" | 83.38" | 83.63" |
| 96" | 95.38" | 95.63" |

PRELIMINARY SUBJECT TO CHANGE

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# MICRO 5 ATOM-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 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<br>QTM-DC+CAP<br>iQ-PH+QD1 |
| 0.1% | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PRO-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP |
| 1% | Q-DIM<br>QTM-eLED(E)<br>QZ-DALI-DT6 |
| 10% | Non-Dim Power Supply with SW App Dongle |

| DIMMING PROTOCOL | INDOOR |
|---|---|
| | MICRO 5-SW |
| Non-Dim | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND |
| Phase | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PRO-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH+QD1 |
| 0-10V | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PRO-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP |
| Lutron Athena | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN |
| ECO System | QTM-eLED(E) |
| DMX | QZ-DMX |
| DALI-2: DT6 | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6 |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle |

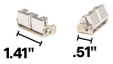
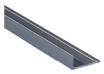
PRELIMINARY
SUBJECT TO CHANGE

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# MICRO 5 ATOM-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

| HINGE - HMB-S | QUOVA-MICRO | VHB | NJ-MICRO | BL-MICRO | NL-MICRO | SD-L-MICRO |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| Adjustable mounting bracket - Small | QUOVA Knife Edge | Double sided mounting tape | J Mounting Bracket | Backwards L Mounting Bracket | L Mounting Bracket | L Mounting Bracket |

PRELIMINARY
SUBJECT TO CHANGE

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