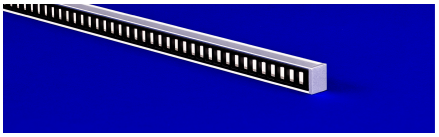
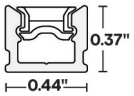
# MICRO 5 ATOM-LOUVER (05) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

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






- 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
- 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 WIRE INPUT/ OUTPUT | 7 CONNECTOR/ WIRE IN | 8 CONNECTOR/ WIRE OUT | 9 WIRE COLOR | 10 WIRE TYPE | 11 MOUNTING | 12 FINISH | 13 LENGTH (IN) | 14 EXACT/ OPTIMAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | SST | | | |

Sample Part Number: **ATOM-05-SW-1.0-30-DRY-DFWL-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

## 1 PRODUCT

**ATOM-05-SW**
**ATOM-05-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 |

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

| | |
|---|---|
| **DFWL** | Diffused White Louver |
| **DFBL** | Diffused Black Louver |

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

## 6 WIRE INPUT/OUTPUT

| | |
|---|---|
| **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.

## 7 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)

## 8 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)

## 9 WIRE COLOR

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

## 10 WIRE TYPE

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

CL2P only available with bare wire leads (BW)

## 11 MOUNTING

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

## 12 FINISH

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

Custom finishes require a longer lead time, consult factory

## 13 LENGTH (IN)

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

## 14 EXACT/OPTIMAL

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

Exact fixtures 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.

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

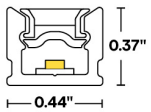
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Specification subject to change. Rev-11-11-26

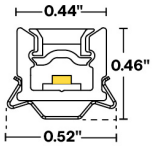
# MICRO 5 ATOM-LOUVER (05) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS




Profile with internal louver




Profile with internal louver and stainless steel mounting clip

## 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with ATOM-05-SW-**-30-DRY

| | 1.0 W/FT | | | 2.0 W/FT | | | 4.0 W/FT | | |
|---|---|---|---|---|---|---|---|---|---|
| | LM/FT | CRI | UGR | LM/FT | CRI | UGR | LM/FT | CRI | UGR |
| DF-BK | 16 | 98 | ≤ 12.9 | 31 | 98 | ≤ 14.0 | 61 | 98 | ≤ 15.4 |
| DF-WH | 28 | 98 | ≤ 17.6 | 56 | 98 | ≤ 19.2 | 110 | 98 | ≤ 21.2 |

## 5 DIODE VISIBILITY

SW

DFWL - Diffused White Louver



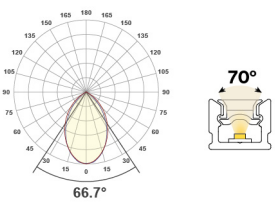
DFBL - Diffused Black Louver



## PHOTOMETRIC PERFORMANCE

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

**4W/ft**




DF lens at 3000K

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# MICRO 5 ATOM-LOUVER (05) STATIC WHITE

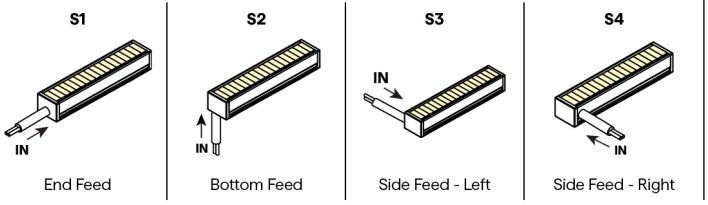
24VDC Linear Fixtures - Surface & Recessed

## 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 |

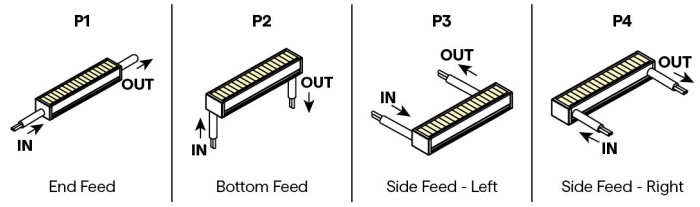
## 6 WIRE INPUT/OUTPUT

SINGLE (Input only)



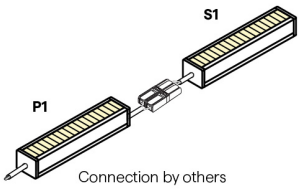

End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

PASS THROUGH (Input/Output)



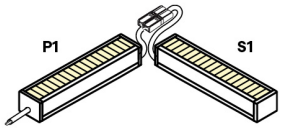

End Feed | Bottom Feed | Side Feed - Left | Side Feed - Right

## CONFIGURATION OPTIONS



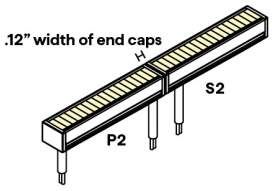

Connection by others

Non-Continuous End Feed

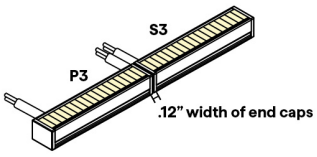



Connection by others

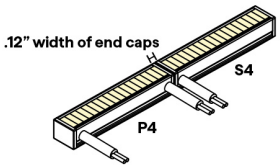
Non-Continuous Corner Feed



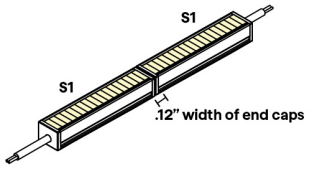

Continuous Bottom Feed




Continuous Side Feed - Left



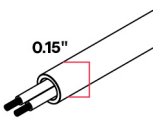

Continuous Side Feed - Right



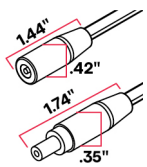

Continuous End to End Feed

## 7/8 CONNECTOR/WIRE – IN/OUT

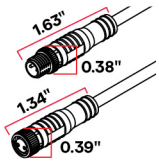
Connector/Wire In or Out not needed to specify product. Typical selection is S1 for Wire Input/Output, BW for Connector/Wire In, N/A for Connector/Wire Out




Bare Wire 24"
22 AWG

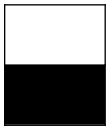



Barrel 6" - DRY/DMP |
22 AWG




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

## 9 WIRE COLOR



White

Black

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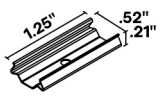
Specification subject to change. Rev-11-11-26

# MICRO 5 ATOM-LOUVER (05) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 11 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

## 12 FINISH

Satin

Black

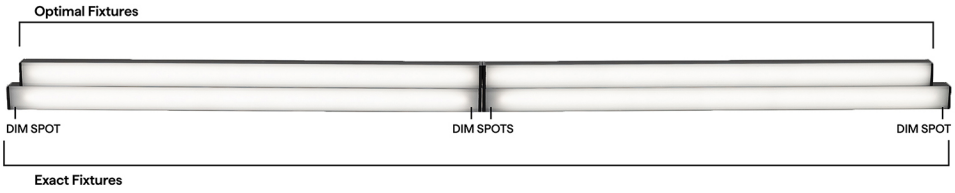
Custom finishes require a longer lead time, consult factory

## 14 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.



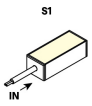

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# MICRO 5 ATOM-LOUVER (05) STATIC WHITE

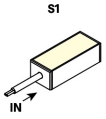
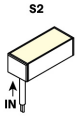
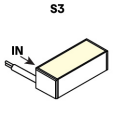
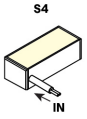
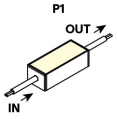
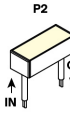
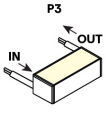
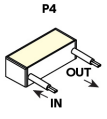
24VDC Linear Fixtures - Surface & Recessed

## SW DRY DMP LENGTHS BY INCH

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 fixture |
|---|---|
| |   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 | S1 & S2 & S3 & S4 | | | | P1 & P2 & P3 & P4 | | | |
|---|---|---|---|---|---|---|---|---|
| |   End Feed |   Bottom Feed |   Side Feed - Left |   Side Feed - Right |   End Feed |   Bottom Feed |   Side Feed - Left |   Side Feed - Right |
| 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" | | | |

## 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 |

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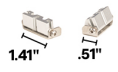
# MICRO 5 ATOM-LOUVER (05) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

| 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 |

## COMPATIBLE MOUNTING ACCESSORIES

**HINGE - HMB-S**




Adjustable mounting bracket - Small

**QUOVA-MICRO**



QUOVA Knife Edge

**VHB**



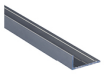
Double sided mounting tape

**NJ-MICRO**



J Mounting Bracket

**BL-MICRO**



Backwards L Mounting Bracket

**NL-MICRO**



L Mounting Bracket

**SD-L-MICRO**



L Mounting Bracket

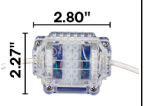
## COMPATIBLE WIRING ACCESSORIES

**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)

**QUOVA-MICRO**



QUOVA Knife Edge

**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

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Specification subject to change. Rev-11-11-26

# MICRO 5 ATOM-LOUVER (05) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE CONTROL ACCESSORIES

**SCENE APP DONGLE**




Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS

**NFC APP**




Read and write DMX addresses and adjust voltage

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