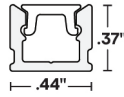
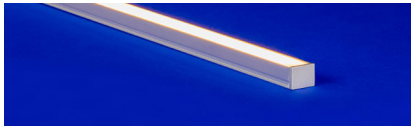




# MICRO 5 ATOM-FLAT (01) FOR TUNABLE APPLICATIONS

## 24VDC Linear Fixtures - Surface & Recessed



- 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 fixtures
- Choose from diffused or frosted lens options for varying diode visibility and beam angles
- Ideal for surface mounted or recessed installations that call for low-profile light in small areas
- Features a stainless steel mounting clip, making installation and repositioning effortless
- Used in applications where CCT and brightness need to be controlled separately
- When using DALI and DMX power supplies, LED wattage must be doubled
- Consult factory for field assembly options

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

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

### ADDITIONAL INFORMATION REQUIRED TO ORDER

| 6                  | 7                  | 8                   | 9          | 10        | 11       | 12     | 13          | 14             |
|--------------------|--------------------|---------------------|------------|-----------|----------|--------|-------------|----------------|
| WIRE INPUT/ OUTPUT | CONNECTOR/ WIRE IN | CONNECTOR/ WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
|                    |                    |                     |            |           | SST      |        |             |                |

Sample Part Number: **ATOM-01-DW-2.0-20/27-DRY-FR-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

|                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                            |                                                                                                                                            |                                                                                                                                                             |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b><br><b>PRODUCT</b><br><b>ATOM-01-DW</b><br><b>ATOM-01-DW-USA</b><br><br>Select USA option for BAA and BABA projects.<br><br>LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.                                                                                                                | <b>2</b><br><b>WATTS/FT</b><br><br><b>2.0</b> 2.0W/ft                                                                                                                                                                                                                      | <b>3</b><br><b>CCT</b><br><br><b>20/27</b> 2000K/2700K<br><b>20/30</b> 2000K/3000K<br><b>27/40</b> 2700K/4000K<br><b>27/55</b> 2700K/5500K | <b>4</b><br><b>RATED</b><br><br><b>DRY</b> IP20                                                                                                             | <b>5</b><br><b>LENS</b><br><br><b>DF</b> Diffused<br><b>FR</b> Frosted<br><br>For representation of LED visibility, see Diode Visibility section on following pages.<br>For beam angles, see Photometric Performance section on following pages |                                                                                                                                                                                                                                                                                                                              |
| <b>6</b><br><b>WIRE INPUT/OUTPUT</b><br><br><b>SINGLE (Input only)</b><br><b>S1</b> End Feed<br><b>S2</b> Bottom Feed<br><b>S3</b> Left Side Feed<br><b>S4</b> Right Side Feed<br><br>For continuous mounting, consider bottom feed.<br><br><b>PASS THROUGH (Input/output)</b><br><b>P1</b> End Feed<br><b>P2</b> Bottom Feed<br><b>P3</b> Left Side Feed<br><b>P4</b> Right Side Feed<br><br>For continuous mounting, consider bottom feed. | <b>7</b><br><b>CONNECTOR/WIRE IN</b><br><br><b>BW</b> Bare Wire (Standard 24")<br><b>CON6</b> Connector 6"<br><b>CON24</b> Connector 24"<br><br>BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | <b>8</b><br><b>CONNECTOR/WIRE OUT</b><br><br><b>CLS</b> Closed End (No feed)                                                               |                                                                                                                                                             |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                              |
| <b>9</b><br><b>WIRE COLOR</b><br><br><b>WH</b> White<br><b>BK</b> Black                                                                                                                                                                                                                                                                                                                                                                      | <b>10</b><br><b>WIRE TYPE</b><br><br><b>CL2</b> Class 2<br><b>CL2P</b> Plenum Rated<br><br>CL2P only available with bare wire leads (BW)                                                                                                                                   | <b>11</b><br><b>MOUNTING</b><br><br><b>SST</b> Stainless Steel                                                                             | <b>12</b><br><b>FINISH</b><br><br><b>ST</b> Satin<br><b>BK</b> Black<br><b>CU</b> Custom<br><br>Custom finishes require a longer lead time, consult factory | <b>13</b><br><b>LENGTH (IN)</b><br><br>Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".                                                                                                | <b>14</b><br><b>EXACT/OPTIMAL</b><br><br><b>E</b> Exact specified length<br><b>O</b> Optimal illumination<br><br>Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. |

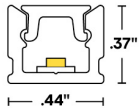
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



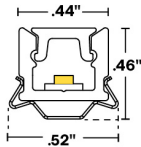
# MICRO 5 ATOM-FLAT (01) FOR TUNABLE APPLICATIONS

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-DW-2.0-\*\*-DRY

|    | 2000K |     | 2700K |     | 3000K |     | 4000K |     | 5500K |     |
|----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
|    | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| FR | 123   | 93  | 135   | 98  | 145   | 98  | 149   | 98  | 158   | 97  |
| DF | 72    | 93  | 78    | 98  | 80    | 98  | 85    | 98  | 89    | 97  |

## 5 DIODE VISIBILITY

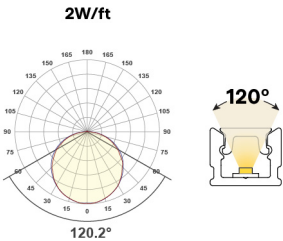


DF - Diffused lens

FR - Frosted lens

## PHOTOMETRIC PERFORMANCE

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



DF lens at 3000K

## TEMPERATURE RATINGS

|     |                                  | DW 2.0 W/FT                           |       | DW 4.0 W/FT                        |       |
|-----|----------------------------------|---------------------------------------|-------|------------------------------------|-------|
|     |                                  | QTL power supply other than DALI, DMX |       | DALI, DMX, or non-QTL power supply |       |
|     |                                  | Min                                   | Max   | Min                                | Max   |
| DRY | Ambient Operating Temp - Surface | -4°F                                  | 140°F | -4°F                               | 120°F |

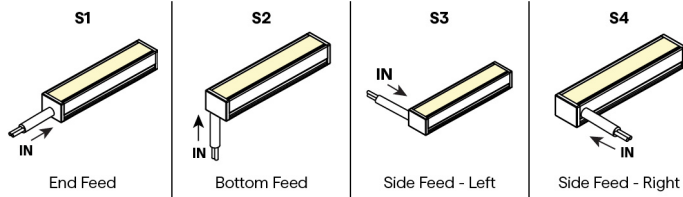


# MICRO 5 ATOM-FLAT (01) FOR TUNABLE APPLICATIONS

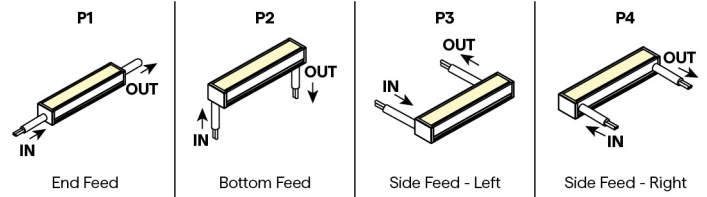
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

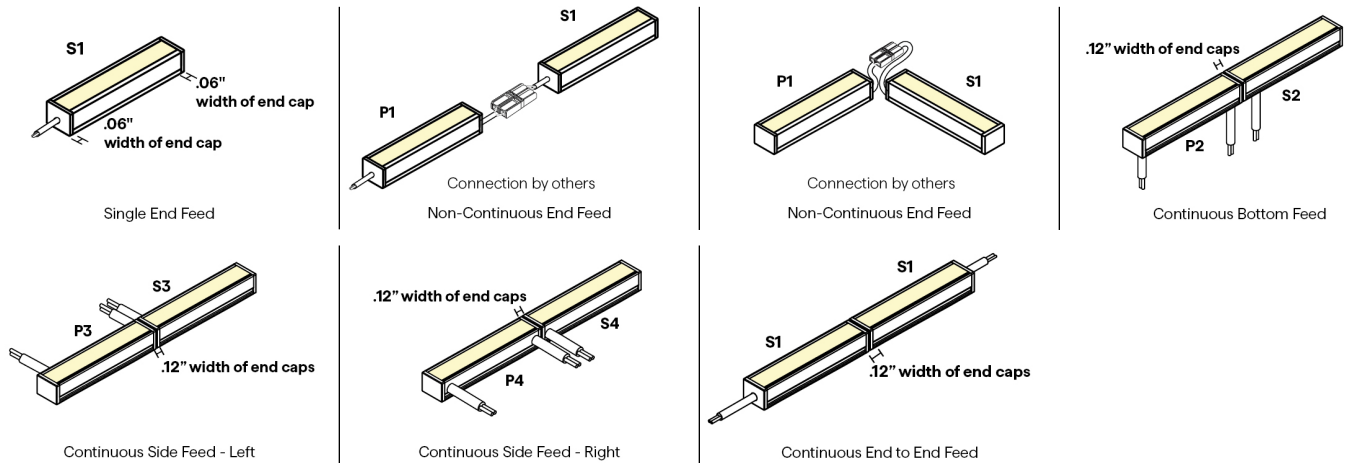
SINGLE (Input only)



PASS THROUGH (Input/Output)

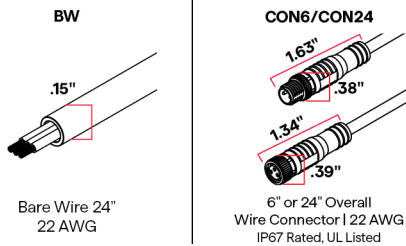


## CONFIGURATION OPTIONS



## 7 / 8 CONNECTOR/WIRE - IN/OUT

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



## 9 WIRE COLOR



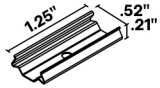


# MICRO 5 ATOM-FLAT (01) FOR TUNABLE APPLICATIONS

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



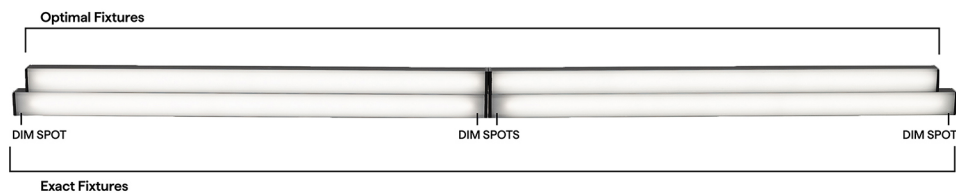
Satin

Black

Custom finishes require a longer lead time, consult factory

## 14 EXACT/OPTIMAL FIXTURE LENGTH

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





# MICRO 5 ATOM-FLAT (01) FOR TUNABLE APPLICATIONS

## 24VDC Linear Fixtures - Surface & Recessed

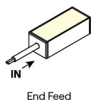
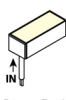
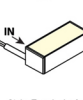
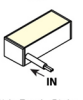
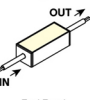
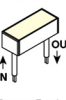
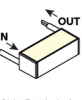
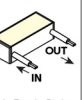
### DW DRY LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

#### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---------------------------------------------|
| 12"              | 1"                                          |
| 13"              | .5"                                         |
| 14"              | 1"                                          |
| 15"              | .5"                                         |
| 16"              | 1"                                          |
| 17"              | .5"                                         |
| 18"              | 1"                                          |
| 19"              | .5"                                         |
| 20"              | 1"                                          |
| 21"              | .5"                                         |
| 22"              | 1"                                          |
| 23"              | .5"                                         |
| 24"              | 1"                                          |
| 36"              | 1"                                          |
| 48"              | 1"                                          |
| 60"              | 1"                                          |
| 72"              | 1"                                          |
| 84"              | 1"                                          |
| 96"              | 1"                                          |

#### OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

| Requested Nominal Length | S1 & S2 & S3 & S4                                                                                   |                                                                                                        |                                                                                                             |                                                                                                               | P1 & P2 & P3 & P4                                                                                     |                                                                                                          |                                                                                                               |                                                                                                                |
|--------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
|                          | S1<br><br>End Feed | S2<br><br>Bottom Feed | S3<br><br>Side Feed - Left | S4<br><br>Side Feed - Right | P1<br><br>End Feed | P2<br><br>Bottom Feed | P3<br><br>Side Feed - Left | P4<br><br>Side Feed - Right |
| 12"                      |                                                                                                     |                                                                                                        | 10.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 10.63"                                                                                                        |                                                                                                                |
| 13"                      |                                                                                                     |                                                                                                        | 12.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 12.63"                                                                                                        |                                                                                                                |
| 14"                      |                                                                                                     |                                                                                                        | 12.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 12.63"                                                                                                        |                                                                                                                |
| 15"                      |                                                                                                     |                                                                                                        | 14.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 14.63"                                                                                                        |                                                                                                                |
| 16"                      |                                                                                                     |                                                                                                        | 14.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 14.63"                                                                                                        |                                                                                                                |
| 17"                      |                                                                                                     |                                                                                                        | 16.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 16.63"                                                                                                        |                                                                                                                |
| 18"                      |                                                                                                     |                                                                                                        | 16.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 16.63"                                                                                                        |                                                                                                                |
| 19"                      |                                                                                                     |                                                                                                        | 18.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 18.63"                                                                                                        |                                                                                                                |
| 20"                      |                                                                                                     |                                                                                                        | 18.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 18.63"                                                                                                        |                                                                                                                |
| 21"                      |                                                                                                     |                                                                                                        | 20.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 20.63"                                                                                                        |                                                                                                                |
| 22"                      |                                                                                                     |                                                                                                        | 20.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 20.63"                                                                                                        |                                                                                                                |
| 23"                      |                                                                                                     |                                                                                                        | 22.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 22.63"                                                                                                        |                                                                                                                |
| 24"                      |                                                                                                     |                                                                                                        | 22.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 22.63"                                                                                                        |                                                                                                                |
| 36"                      |                                                                                                     |                                                                                                        | 34.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 34.63"                                                                                                        |                                                                                                                |
| 48"                      |                                                                                                     |                                                                                                        | 46.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 46.63"                                                                                                        |                                                                                                                |
| 60"                      |                                                                                                     |                                                                                                        | 58.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 58.63"                                                                                                        |                                                                                                                |
| 72"                      |                                                                                                     |                                                                                                        | 70.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 70.63"                                                                                                        |                                                                                                                |
| 84"                      |                                                                                                     |                                                                                                        | 82.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 82.63"                                                                                                        |                                                                                                                |
| 96"                      |                                                                                                     |                                                                                                        | 94.38"                                                                                                      |                                                                                                               |                                                                                                       |                                                                                                          | 94.63"                                                                                                        |                                                                                                                |

### 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-DW Tunable Applications                                                                                                                                                                                       |
| 0.1%         | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+TW<br>QT-CAB-eLED+TW-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+TW<br>QTM-eLED+TW-AWN |
| 1%           | QZ-DALI-DT8                                                                                                                                                                                                           |
| 10%          | Non-Dim Power Supply with TW App Dongle                                                                                                                                                                               |

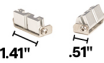


# MICRO 5 ATOM-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

| DIMMING PROTOCOL                                                             | INDOOR                                                                                                        |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
|                                                                              | MICRO 5-DW Tunable Applications                                                                               |
| 0-10V                                                                        | QT-CAB-eLED+TW<br>QT-CAB-eLED+TW-AWN<br>QTM-eLED+TW<br>QTM-eLED+TW-AWN                                        |
| Lutron Athena                                                                | QT-CAB-eLED+DALI-DT8-AWN<br>QT-CAB-eLED+TW-AWN<br>QTM-eLED+DALI-DT8-AWN<br>QTM-eLED+TW-AWN                    |
| DALI-2: DT6<br>LED wattage must be doubled for DW-HE products except for AWN | QT-CAB-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6                                                                     |
| DALI-2: DT8<br>LED wattage must be doubled for DW-HE products except for AWN | QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DALI-DT8-AWN<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8-AWN<br>QZ-DALI-DT8 |
| SCENE App Dimmed                                                             | Non-Dim Power Supply with TW App Dongle                                                                       |

## COMPATIBLE MOUNTING ACCESSORIES

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| HINGE - HMB-S                                                                       | QUOVA-MICRO                                                                         | VHB                                                                                 | NJ-MICRO                                                                            | BL-MICRO                                                                            | NL-MICRO                                                                            | SD-L-MICRO                                                                           |
|  |  |  |  |  |  |  |
| 1.41"<br>.51"                                                                       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
| Adjustable mounting bracket - Small                                                 | QUOVA Knife Edge                                                                    | Double sided mounting tape                                                          | J Mounting Bracket                                                                  | Backwards L Mounting Bracket                                                        | L Mounting Bracket                                                                  | L Mounting Bracket                                                                   |

## COMPATIBLE WIRING ACCESSORIES



## COMPATIBLE CONTROL ACCESSORIES





# MICRO 5 ATOM-FLAT (01) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

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## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage