

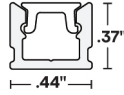
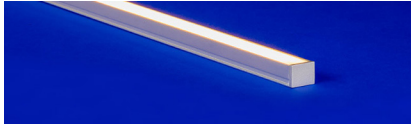


MICRO 5 ATOM

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
- 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

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| 1 | 2 | 3 | 4 | 5 |
|------------|-----------|-----|-------|------|
| PRODUCT | WATTS/ FT | CCT | RATED | LENS |
| ATOM-01-SW | | | | |

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-SW-1.0-30-DRY-FR-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------|--------------------------|-------|---------|------------|--|--|---------------|---|--------------|----------------------|------------|---|-----|-----------------|--|-------|-------|-------|-------|-------|--|--|---|--|------------------------|----------|----------------------|---------|
| 1 PRODUCT ATOM-01-SW See following pages for compatible power supplies. | 2 WATTS/FT <table><tr><td>1.0</td><td>1.0W/ft</td></tr><tr><td>2.0</td><td>2.0W/ft</td></tr><tr><td>4.0</td><td>4.0W/ft</td></tr></table> | 1.0 | 1.0W/ft | 2.0 | 2.0W/ft | 4.0 | 4.0W/ft | 3 CCT <table><tr><td>20</td><td>2000K</td></tr><tr><td>22</td><td>2200K</td></tr><tr><td>24</td><td>2400K</td></tr><tr><td>27</td><td>2700K</td></tr><tr><td>30</td><td>3000K</td></tr><tr><td>35</td><td>3500K</td></tr><tr><td>40</td><td>4000K</td></tr></table> | 20 | 2000K | 22 | 2200K | 24 | 2400K | 27 | 2700K | 30 | 3000K | 35 | 3500K | 40 | 4000K | 4 RATED <table><tr><td>DRY</td><td>IP20</td></tr></table> | DRY | IP20 | 5 LENS <table><tr><td>DF</td><td>Diffused</td></tr><tr><td>FR</td><td>Frosted</td></tr></table> <p>For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages</p> | DF | Diffused | FR | Frosted |
| 1.0 | 1.0W/ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.0 | 2.0W/ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.0 | 4.0W/ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 2000K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 2200K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 2400K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 2700K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 3000K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 3500K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 4000K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRY | IP20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DF | Diffused | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FR | Frosted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 WIRE INPUT/OUTPUT SINGLE (Input only) S1 End Feed S2 Bottom Feed S3 Left Side Feed S4 Right Side Feed For continuous mounting, consider bottom feed. PASS THROUGH (Input/output) P1 End Feed P2 Bottom Feed P3 Left Side Feed P4 Right Side Feed For continuous mounting, consider bottom feed. | 7 CONNECTOR/WIRE IN <table><tr><td>BW</td><td>Bare Wire (Standard 24")</td></tr><tr><td>BRL</td><td>Barrel</td></tr><tr><td>CON6</td><td>Connector 6"</td></tr><tr><td>CON24</td><td>Connector 24"</td></tr></table> <p>BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</p> | BW | Bare Wire (Standard 24") | BRL | Barrel | CON6 | Connector 6" | CON24 | Connector 24" | 8 CONNECTOR/WIRE OUT <table><tr><td>CLS</td><td>Closed End (No feed)</td></tr></table> | CLS | Closed End (No feed) | | | | | | | | | | | | | | | | | | |
| BW | Bare Wire (Standard 24") | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRL | Barrel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CON6 | Connector 6" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CON24 | Connector 24" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLS | Closed End (No feed) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 WIRE COLOR <table><tr><td>WH</td><td>White</td></tr><tr><td>BK</td><td>Black</td></tr><tr><td>N/A</td><td>For Barrel</td></tr></table> | WH | White | BK | Black | N/A | For Barrel | 10 WIRE TYPE <table><tr><td>CL2</td><td>Class 2</td></tr><tr><td>CL2P</td><td>Plenum Rated</td></tr><tr><td>N/A</td><td>For Barrel</td></tr></table> <p>CL2P only available with bare wire leads (BW)</p> | CL2 | Class 2 | CL2P | Plenum Rated | N/A | For Barrel | 11 MOUNTING <table><tr><td>SST</td><td>Stainless Steel</td></tr></table> | SST | Stainless Steel | 12 FINISH <table><tr><td>ST</td><td>Satin</td></tr><tr><td>BK</td><td>Black</td></tr><tr><td>CU</td><td>Custom</td></tr></table> <p>Custom finishes require a longer lead time, consult factory</p> | ST | Satin | BK | Black | CU | Custom | 13 LENGTH (IN) <p>Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".</p> | 14 EXACT/OPTIMAL <table><tr><td>E</td><td>Exact specified length</td></tr><tr><td>O</td><td>Optimal illumination</td></tr></table> | E | Exact specified length | O | Optimal illumination | |
| WH | White | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BK | Black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N/A | For Barrel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CL2 | Class 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CL2P | Plenum Rated | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N/A | For Barrel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SST | Stainless Steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ST | Satin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BK | Black | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CU | Custom | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | Exact specified length | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O | Optimal illumination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

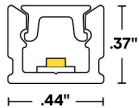
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Title 24 - JA8-2019 Static White Strip: All wattages, CCT and IP



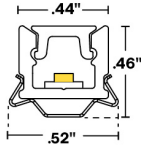
MICRO 5 ATOM

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



Profile with flat lens



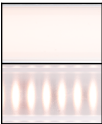
Profile with flat lens and stainless steel mounting clip

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

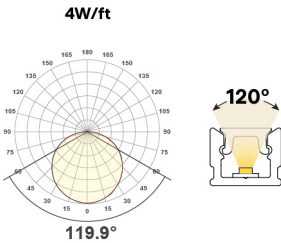


DF - Diffused lens

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

| | | 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 | 140°F | -4°F | 135°F | -4°F | 115°F |

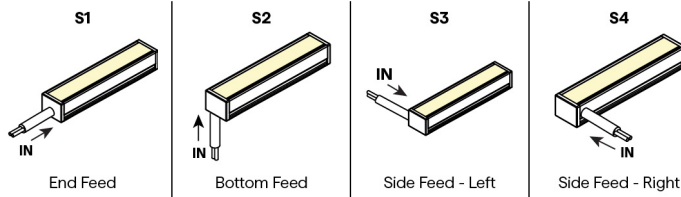


MICRO 5 ATOM

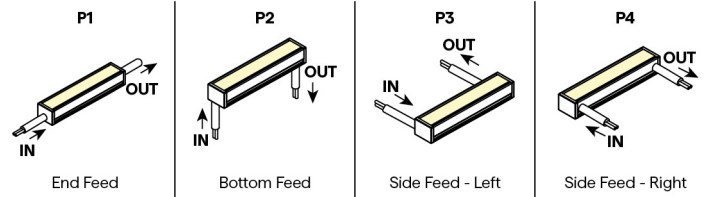
24VDC Linear Fixtures - Surface & Recessed

6 WIRE INPUT/OUTPUT

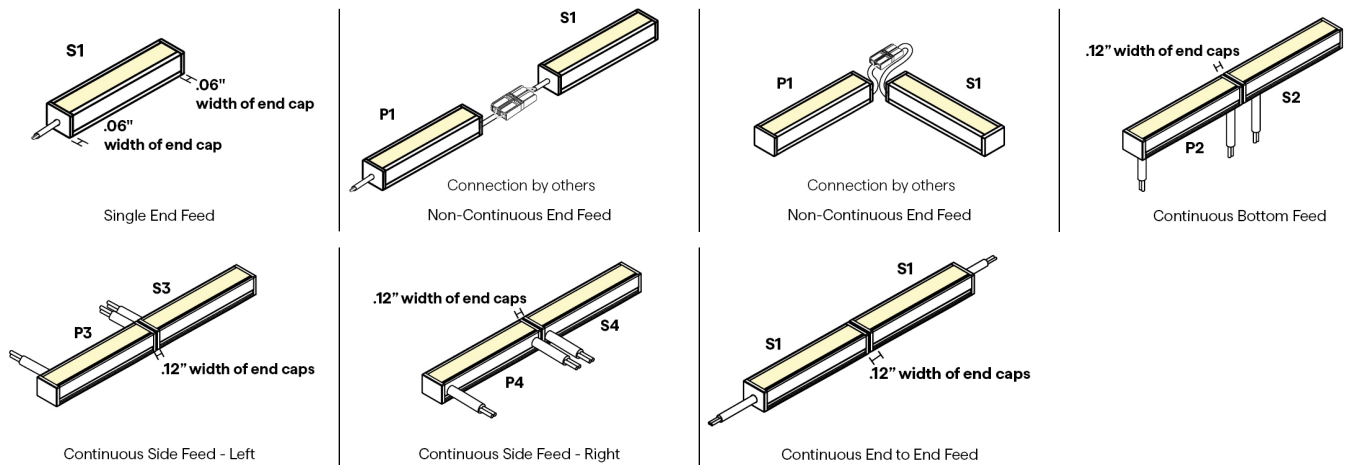
SINGLE (Input only)



PASS THROUGH (Input/Output)

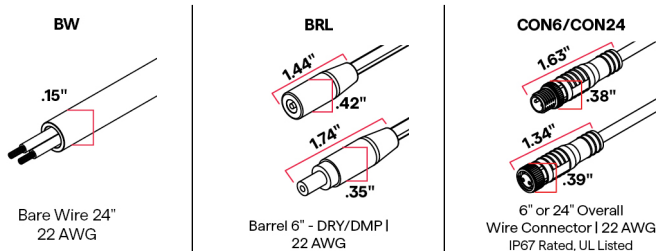


CONFIGURATION OPTIONS



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

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

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.





MICRO 5 ATOM

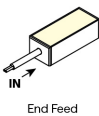
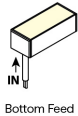
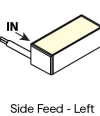
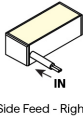
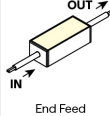
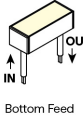
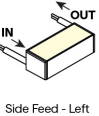
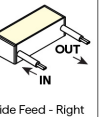
24VDC Linear Fixtures - Surface & Recessed

SW DRY DMP LENGTHS BY INCH

EXACT LENGTH

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

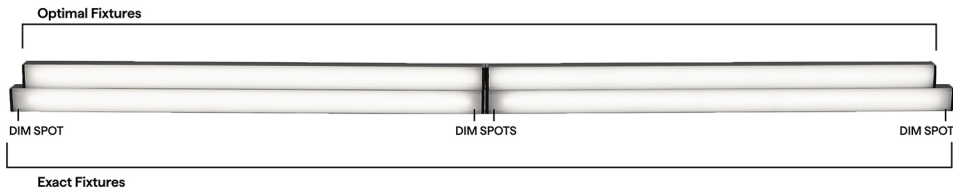
| Requested Nominal Length | S1 & S2 & S3 & S4 | | | | P1 & P2 & P3 & P4 | | | |
|--------------------------|---|---|---|--|---|---|---|---|
| | S1 | S2 | S3 | S4 | P1 | P2 | P3 | P4 |
| |  |  |  |  |  |  |  |  |
| 12" | | | 11.38" | | | | 11.63" | |
| 13" | | | 12.38" | | | | 12.63" | |
| 14" | | | 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" | |

14 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.





MICRO 5 ATOM

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 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-PH/0-10V QZ-STICK-PH/0-10V QZLP |
| 1% | QTM-eLED(E) QZ-DALI-DT6 |
| 10% | Non-Dim Power Supply with SW App Dongle |

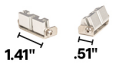



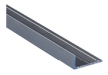


| DIMMING PROTOCOL | INDOOR |
|------------------|--|
| | MICRO 5-SW |
| Non-Dim | QT-CAB-eLED-ND QTM-eLED-ND QZ-ND |
| Phase | Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP IQ-PH+QD1 |
| 0-10V | QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-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 |




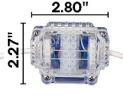






MICRO 5 ATOM

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 |

COMPATIBLE WIRING ACCESSORIES

| Q-mini-J | Q-mini-J5 | QUOVA-MICRO | BARREL-EXT | BARREL FOUR-FER | CON120-EXT | CON FOUR-FER | CON M - BARREL F |
|---|---|---|---|---|---|--|---|
|  |  |  |  |  |  |  |  |
| UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | QUOVA Knife Edge | 8ft barrel cable extender DRY ONLY | Splits lead from one to four LED Barrel connector fixtures, DRY/DMP | 10ft Con cable extender DRY/DMP/WET | Splits lead from one to four LED Con connectors DRY/DMP/WET | Male con to barrel cable adaptor DRY/DMP |

COMPATIBLE CONTROL ACCESSORIES

| SCENE APP DONGLE |
|--|
|  |
| Wi-Fi or Bluetooth Connectivity |

COMPATIBLE APPS

| NFC APP |
|---|
|  |
| Read and write DMX addresses and adjust voltage |