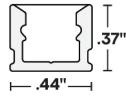
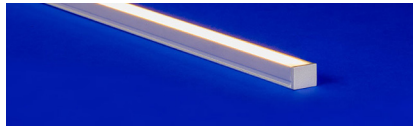




MICRO 5 ATOM-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed



- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Encapsulation available in clear or translucent
- Suitable for indoor and outdoor locations
- 60% smaller than ESSENTIALS-TORQ
- Delivers equivalent efficacy as standard size fixtures
- 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



| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---------|----------|-----|-------|------|-----------------------|-----------------------|------------------------|------------|-----------|----------|--------|-------------|-------------------|
| PRODUCT | WATTS/FT | CCT | RATED | LENS | WIRE INPUT/ OUTPUT | CONNECTOR/ WIRE IN | CONNECTOR/ WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
| | 2.0 | | ENC | TL | | | | | | SST | | | |

Sample Part Number: **ATOM-03-DW-2.0-24/30-ENC-TL-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

| | | | | | |
|---|---|--|--|---|--|
| <div><div>1</div><div>PRODUCT</div><div>ATOM-03-DW ATOM-03-DW-USA</div><div>Select USA option for BAA and BABA projects.</div><div>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.</div></div> | <div><div>2</div><div>WATTS/FT</div><div>2.02.0W/ft</div></div> | <div><div>3</div><div>CCT</div><div>24/302400K/3000K 27/402700K/4000K</div></div> | <div><div>4</div><div>RATED</div><div>ENCIP67</div></div> | <div><div>5</div><div>LENS</div><div>TLTranslucent</div><div>For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages</div></div> | |
| <div><div>6</div><div>WIRE INPUT/OUTPUT</div><div>S1Single 1 (Input only) - End Feed S2Single 2 (Input only) - Bottom Feed S3Single 3 (Input only) - Left Side Feed S4Single 4 (Input only) - Right Side Feed</div><div>For continuous mounting, consider bottom feed.</div><div>P1Pass Through 1 (Input/output) - End Feed P2Pass Through 2 (Input/output) - Bottom Feed P3Pass Through 3 (Input/output) - Left Side Feed P4Pass Through 4 (Input/output) - Right Side Feed</div><div>For continuous mounting, consider bottom feed.</div></div> | <div><div>7</div><div>CONNECTOR/WIRE IN</div><div>BWBare Wire (Standard 24") CON6Connector 6" CON24Connector 24"</div><div>BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div><div>BWBare Wire (Standard 24") CON6Connector 6" CON24Connector 24"</div><div>BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div> | <div><div>8</div><div>CONNECTOR/WIRE OUT</div><div>CLSClosed End (No feed)</div><div>BWBare Wire (Standard 24") CON6Connector 6" CON24Connector 24"</div><div>BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div> | | | |
| <div><div>9</div><div>WIRE COLOR</div><div>WHWhite BKBlack</div></div> | <div><div>10</div><div>WIRE TYPE</div><div>CL2Class 2 CL2PPlenum Rated</div><div>CL2P only available with bare wire leads (BW)</div></div> | <div><div>11</div><div>MOUNTING</div><div>SSTStainless Steel</div></div> | <div><div>12</div><div>FINISH</div><div>STSatin BKBlack CUCustom</div><div>Custom finishes</div></div> | <div><div>13</div><div>LENGTH (IN)</div><div>Minimum length is 12", maximum length is 98.43" not including end caps. Contact</div></div> | <div><div>14</div><div>EXACT/OPTIMAL</div><div>EExact specified length OOptimal illumination</div></div> |

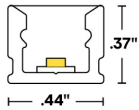
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



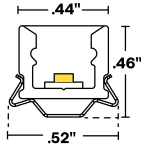
MICRO 5 ATOM-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



Profile



Profile with stainless steel mounting clip

2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with ATOM-03-DW-2.0-**-ENC

| | 2400K | | 2700K | | 3000K | | 4000K | |
|----|-------|-----|-------|-----|-------|-----|-------|-----|
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| TL | 79 | 93 | 86 | 93 | 83 | 95 | 91 | 97 |

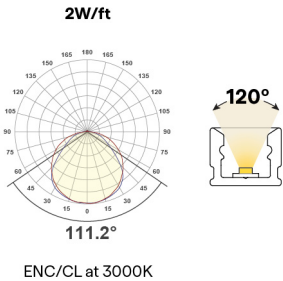
5 DIODE VISIBILITY



ENC/TL - Translucent encapsulation

PHOTOMETRIC PERFORMANCE

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



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 |
| Ambient Operating Temp - Surface | -4°F | 135°F | -4°F | 115°F |

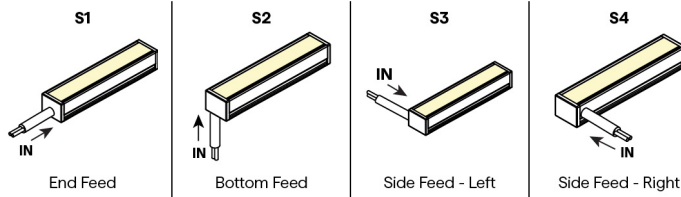


MICRO 5 ATOM-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS

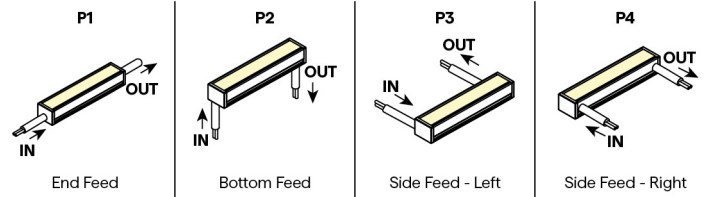
24VDC Linear Fixtures - Surface & Recessed

6 WIRE INPUT/OUTPUT

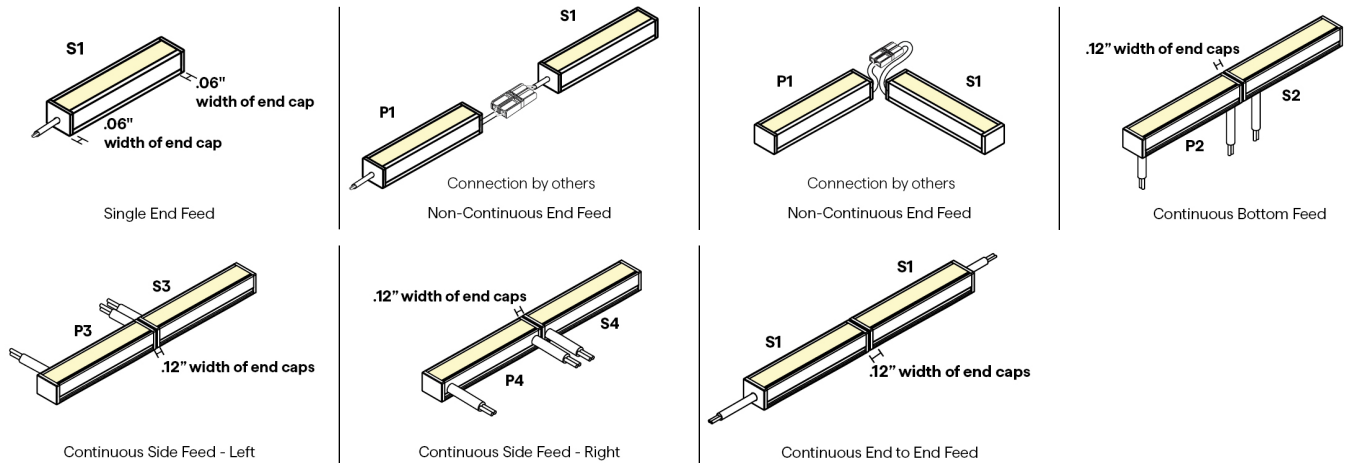
SINGLE (Input only)



PASS THROUGH (Input/Output)

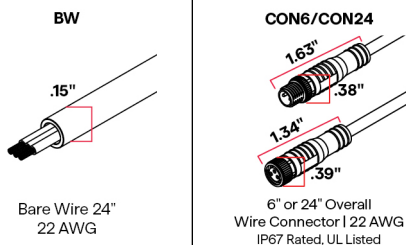


CONFIGURATION OPTIONS



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-ENCAPSULATED (03) 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

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-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS

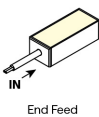
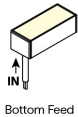
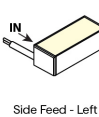
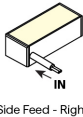
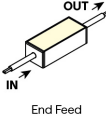
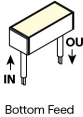
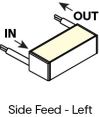
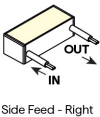
24VDC Linear Fixtures - Surface & Recessed

DW ENC LENGTHS BY INCH

EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 fixture |
|------------------|---|
| |  |
| 12" | 1" |
| 13" | 0.5" |
| 14" | 1" |
| 15" | 0.5" |
| 16" | 1" |
| 17" | 0.5" |
| 18" | 1" |
| 19" | 0.5" |
| 20" | 1" |
| 21" | 0.5" |
| 22" | 1" |
| 23" | 0.5" |
| 24" | 1" |
| 36" | 1" |
| 48" | 1" |
| 60" | 1" |
| 72" | 1" |
| 84" | 1" |
| 96" | 1" |

OPTIMAL LENGTH

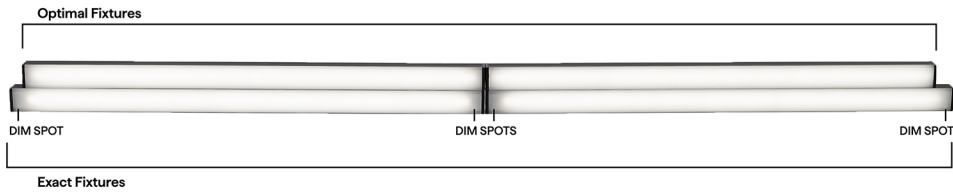
| Requested Nominal Length | S1 & S2 & S3 & S4 | | | | P1 & P2 & P3 & P4 | | | |
|--------------------------|---|---|---|--|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| 12" | | | 10.48" | | | | 10.83" | |
| 13" | | | 12.48" | | | | 12.83" | |
| 14" | | | 12.48" | | | | 12.83" | |
| 15" | | | 14.48" | | | | 14.83" | |
| 16" | | | 14.48" | | | | 14.83" | |
| 17" | | | 16.48" | | | | 16.83" | |
| 18" | | | 16.48" | | | | 16.83" | |
| 19" | | | 18.48" | | | | 18.83" | |
| 20" | | | 18.48" | | | | 18.83" | |
| 21" | | | 20.48" | | | | 20.83" | |
| 22" | | | 20.48" | | | | 20.83" | |
| 23" | | | 22.48" | | | | 22.83" | |
| 24" | | | 22.48" | | | | 22.83" | |
| 36" | | | 34.48" | | | | 34.83" | |
| 48" | | | 46.48" | | | | 46.83" | |
| 60" | | | 58.48" | | | | 58.83" | |
| 72" | | | 70.48" | | | | 70.83" | |
| 84" | | | 82.48" | | | | 82.83" | |
| 96" | | | 94.48" | | | | 94.83" | |

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-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE POWER SUPPLIES

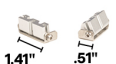
See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

| DIM TO LEVEL | INDOOR | OUTDOOR |
|--------------|---|---|
| | MICRO 5-DW Tunable Applications | MICRO 5-DW Tunable Applications |
| 0.1% | QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QTM-eLED+TW-AWN | Q-SET-QZ-DMX QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+TW |
| 1% | QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8 QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with TW App Dongle | |

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

COMPATIBLE MOUNTING ACCESSORIES


HINGE - HMB-S



1.41"
.51"


Adjustable mounting bracket - Small

QUOVA-MICRO



QUOVA Knife Edge

VHB



Double sided mounting tape

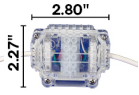


MICRO 5 ATOM-ENCAPSULATED (03) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage