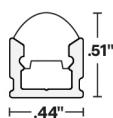




MICRO 5 ATOM-OPTICS (02)

STATIC WHITE

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 an optically enhanced lens to produce a 20° beam
- 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
- 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 PRODUCT | 2 WATTS/ FT | 3 CCT | 4 RATED | 5 LENS |
|--------------|----------------|----------|------------|-----------|
| | | | 20D | |

ADDITIONAL INFORMATION REQUIRED TO ORDER

| 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-02-SW-1.0-30-DRY-20D-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

| | | | | |
|--|--|--|--|--|
| 1 PRODUCT ATOM-02-SW ATOM-02-SW-USA Select USA option for BAA and BABA projects. Only DRY ratings apply. 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 20 2000K 22 2200K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K | 4 RATED DRY IP20 DMP IP54 | 5 LENS 20D Optical 20° 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 SINGLE (Input only) S1 End Feed S2 Bottom Feed S3 Left Side Feed S4 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 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 CL2P only available with bare wire leads (BW) | 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 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. |

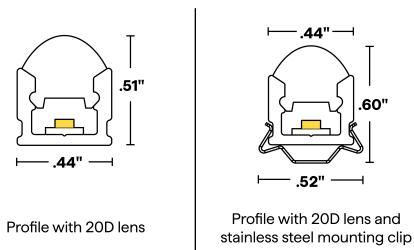
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Title 24 – JA8-2019 Static White Strip: All wattages, CCT and IP



MICRO 5 ATOM-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS

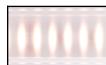


2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with ATOM-02-SW-**-30-DRY

| | 1.0 W/FT | | 2.0 W/FT | | 4.0 W/FT | |
|-----|----------|-----|----------|-----|----------|-----|
| | LM/FT | CRI | LM/FT | CRI | LM/FT | CRI |
| 20D | 71 | 98 | 144 | 98 | 291 | 98 |

5 DIODE VISIBILITY

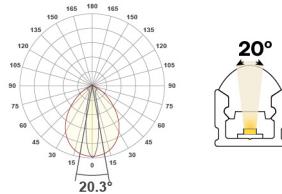


Optical lens

PHOTOMETRIC PERFORMANCE

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

4W/ft



20D lens in 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 |

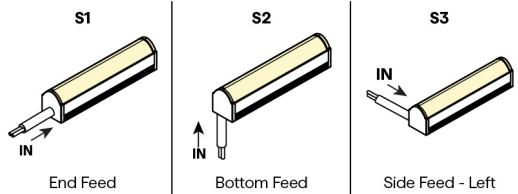


MICRO 5 ATOM-OPTICS (02) STATIC WHITE

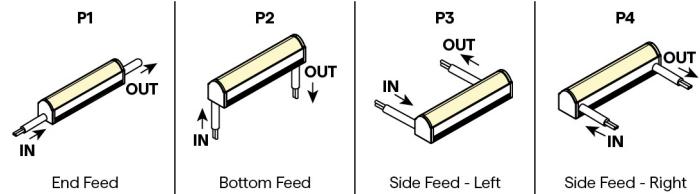
24VDC Linear Fixtures - Surface & Recessed

6 WIRE INPUT/OUTPUT

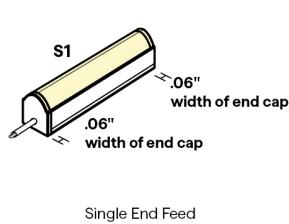
SINGLE (Input only)



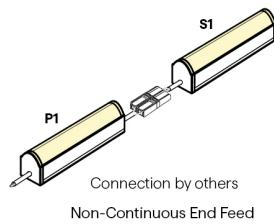
PASS THROUGH (Input/Output)



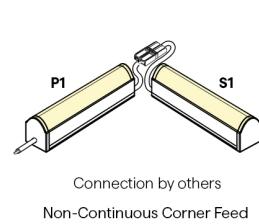
CONFIGURATION OPTIONS



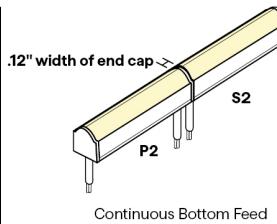
Single End Feed



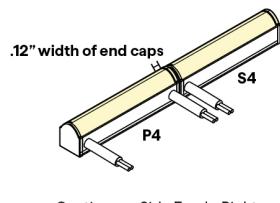
Connection by others
Non-Continuous End Feed



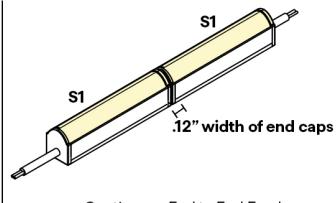
Connection by others
Non-Continuous Corner Feed



Continuous Bottom Feed



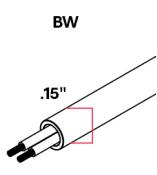
Continuous Side Feed - Right



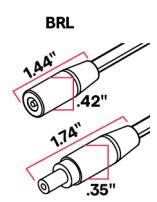
Continuous End to End Feed

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

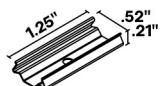


MICRO 5 ATOM-OPTICS (02) STATIC WHITE

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



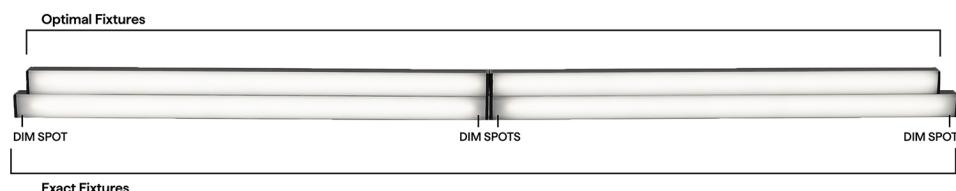
Satin

Black

Custom finishes require a longer lead time, consult factory

14 EXACT/OPTIMAL FIXTURE LENGTH

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-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

SW DRY DMP 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" | .5" |
| 13" | .5" |
| 14" | .5" |
| 15" | .5" |
| 16" | .5" |
| 17" | .5" |
| 18" | .5" |
| 19" | .5" |
| 20" | .5" |
| 21" | .5" |
| 22" | .5" |
| 23" | .5" |
| 24" | .5" |
| 36" | .5" |
| 48" | .5" |
| 60" | .5" |
| 72" | .5" |
| 84" | .5" |
| 96" | .5" |

OPTIMAL LENGTH

| Requested Nominal Length | S1 & S2 & S3 & S4 | | | | P1 & P2 & P3 & P4 | | | |
|--------------------------|-------------------|-------------------|------------------------|-------------------------|-------------------|-------------------|------------------------|-------------------------|
| | S1 End Feed | S2 Bottom Feed | S3 Side Feed - Left | S4 Side Feed - Right | P1 End Feed | P2 Bottom Feed | P3 Side Feed - Left | P4 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 QTM-DC+CAP iQ-PH 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 GTM-eLED+0-10V GTM-eLED+0-10V-AWN GTM-eLED+DALI-DT6 GTM-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 | |



MICRO 5 ATOM-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

| 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 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 |

COMPATIBLE MOUNTING ACCESSORIES

| | | | | |
|--|----------------------------|----------------------|------------------------------|----------------------|
| HINGE - HMB-S 1.41" x .51" | VHB | NJ-GRAZER | BL-GRAZER | NU-GRAZER |
| Adjustable mounting bracket - Small | Double sided mounting tape | J Mounting Bracket | Backwards L Mounting Bracket | U Mounting Bracket |

COMPATIBLE WIRING ACCESSORIES

| | | | | | | |
|---|---|--|---|---|---|--|
| Q-mini-J 2" x 1.25" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | Q-mini-J5 2.80" x 2.27" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | 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 |
|---|---|--|---|---|---|--|



MICRO 5 ATOM-OPTICS (02) 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