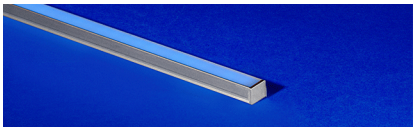
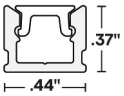
# MICRO 5 ATOM-FLAT (01) RGB

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
- Red, Green, and Blue LED allows for color changing applications
- Consult factory for field assembly options

**INFORMATION REQUIRED FOR LIGHTING SCHEDULE**

| 1 PRODUCT | 2 WATTS/ FT | 3 CCT | 4 RATED | 5 LENS | 6 EXTERNAL LOUVER |
|---|---|---|---|---|---|
| ATOM-01-RGB | 4.0 | RGB | | | |

**ADDITIONAL INFORMATION REQUIRED TO ORDER**

| 7 WIRE INPUT/ OUTPUT | 8 CONNECTOR/ WIRE IN | 9 CONNECTOR/ WIRE OUT | 10 WIRE COLOR | 11 WIRE TYPE | 12 MOUNTING | 13 FINISH | 14 LENGTH (IN) | 15 EXACT/ OPTIMAL |
|---|---|---|---|---|---|---|---|---|
| | | | | | SST | | | |

Sample Part Number: **ATOM-01-RGB-4.0-RGB-DRY-FR-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

### 1 PRODUCT

**ATOM-01-RGB**

See following pages for compatible power supplies.

### 2 WATTS/FT

**4.0** 4.0W/ft

### 3 CCT

**RGB**

### 4 RATED

**DRY** IP20
**DMP** IP54

### 5 LENS

**DF** Diffused
**FR** Frosted

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

### 6 EXTERNAL LOUVER

### 7 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.

### 8 CONNECTOR/WIRE IN

**BW** Bare Wire (Standard 24")
**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")
**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 CONNECTOR/WIRE OUT

**CLS** Closed End (No feed)

**BW** Bare Wire (Standard 24")
**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)

### 10 WIRE COLOR

**WH** White
**BK** Black

### 11 WIRE TYPE

**CL2** Class 2
**CL2P** Plenum Rated

CL2P only available with bare wire leads (BW)

### 12 MOUNTING

**SST** Stainless Steel

### 13 FINISH

**ST** Satin
**BK** Black
**CU** Custom

Custom finishes require a longer lead time, consult factory

### 14 LENGTH (IN)

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

### 15 EXACT/OPTIMAL

**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

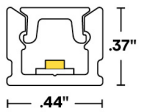
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Specification subject to change. Rev-06-01-26

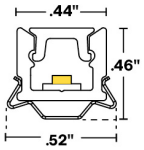
# MICRO 5 ATOM-FLAT (01) RGB

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 = 52000 hrs]
Tested with ATOM-01-RGB-4.0-RGB-DRY

| | Red | | Green | | Blue | | All |
|---|---|---|---|---|---|---|---|
| | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT |
| FR | 32 | 629 | 101 | 523 | 30 | 470 | 146 |
| DF | 21 | 631 | 61 | 523 | 19 | 471 | 88 |

## 5 DIODE VISIBILITY

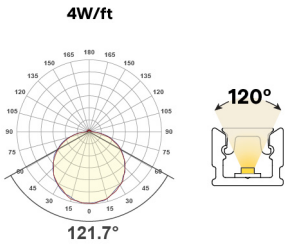


DF - Diffused lens

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 in green

## TEMPERATURE RATINGS

| | | 4.0 W/FT | |
|---|---|---|---|
| | | Min | Max |
| DRY | Ambient Operating Temp - Surface | -4°F | 120°F |
| DMP | Ambient Operating Temp - Surface | -4°F | 120°F |

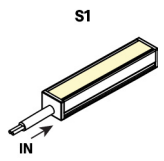
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# MICRO 5 ATOM-FLAT (01) RGB

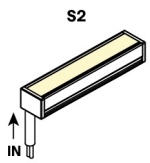
24VDC Linear Fixtures - Surface & Recessed

## 7 WIRE INPUT/OUTPUT

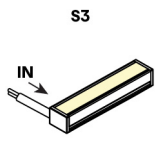
SINGLE (Input only)



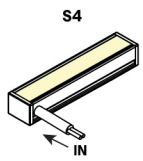
End Feed



Bottom Feed

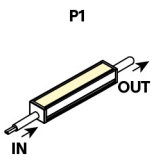


Side Feed - Left

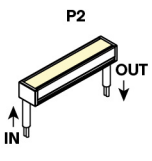


Side Feed - Right

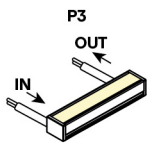
PASS THROUGH (Input/Output)



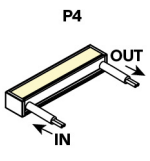
End Feed



Bottom Feed

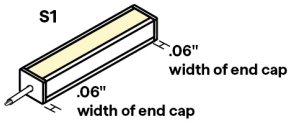


Side Feed - Left

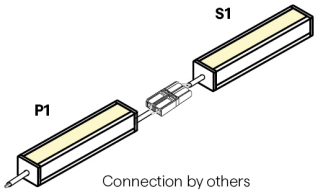


Side Feed - Right

## CONFIGURATION OPTIONS

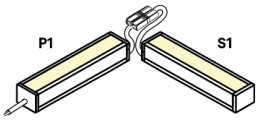


Single End Feed



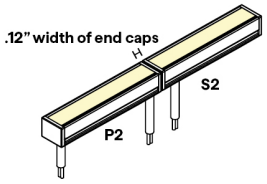
Connection by others

Non-Continuous End Feed

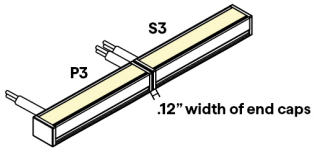


Connection by others

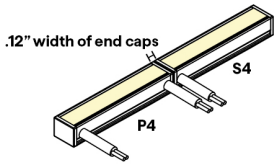
Non-Continuous End Feed



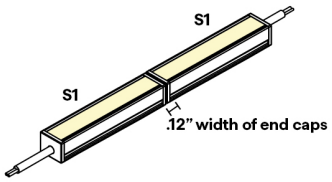
Continuous Bottom Feed



Continuous Side Feed - Left



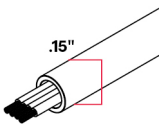
Continuous Side Feed - Right



Continuous End to End Feed

## 8 / 9 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

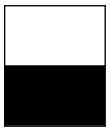


Bare Wire 24"
22 AWG



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

## 10 WIRE COLOR



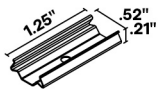

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# MICRO 5 ATOM-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

## 12 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

## 13 FINISH

Satin

Black

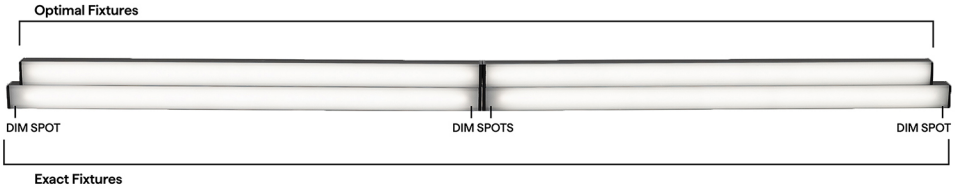
Custom finishes require a longer lead time, consult factory

## 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.



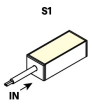

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# MICRO 5 ATOM-FLAT (01) RGB

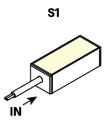
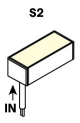
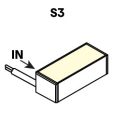
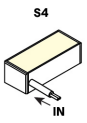
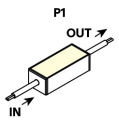
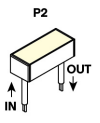
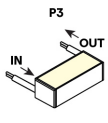
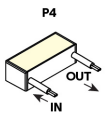
24VDC Linear Fixtures - Surface & Recessed

## RGB DRY DMP 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" | | | |

## 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-RGB |
| 0.1% | QT-CAB-eLED+DALI-DT8<br>QT-CAB-eLED+DMX<br>QTM-eLED+DALI-DT8<br>QTM-eLED+DMX<br>QZ-DMX |
| 1% | QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with RGB App Dongle |

| DIMMING PROTOCOL | INDOOR |
|---|---|
| | MICRO 5-RGB |
| DMX | QTM-eLED+DMX<br>QZ-DMX |
| DALI-2: DT8 | QT-CAB-eLED+DALI-DT8<br>QTM-eLED+DALI-DT8<br>QZ-DALI-DT8 |

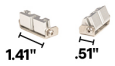
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# MICRO 5 ATOM-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

**HINGE - HMB-S**




Adjustable mounting bracket - Small

**QUOVA-MICRO**



QUOVA Knife Edge

**VHB**



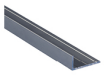
Double sided mounting tape

**NJ-MICRO**



J Mounting Bracket

**BL-MICRO**



Backwards L Mounting Bracket

**NL-MICRO**



L Mounting Bracket

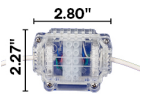
**SD-L-MICRO**



L Mounting Bracket

## COMPATIBLE WIRING ACCESSORIES

**Q-mini-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**

Q-NFC

Read and write DMX addresses and adjust voltage

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