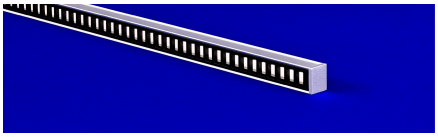
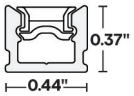
# MICRO 5 ATOM-LOUVER (05) RGB

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
- 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 |
|---|---|---|---|---|
| ATOM-05-RGB | 4.0 | RGB | | |

**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-05-RGB-4.0-RGB-DRY-DFWL-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

### 1 PRODUCT

**ATOM-05-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

**DFWL** Diffused White Louver
**DFBL** Diffused Black Louver

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.

**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

**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)

### 8 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)

### 9 WIRE COLOR

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

### 10 WIRE TYPE

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

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 are the exact length specified +0 – 1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.

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

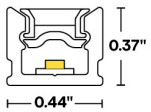
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Specification subject to change. Rev-10-07-26

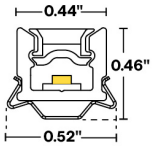
# MICRO 5 ATOM-LOUVER (05) RGB

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS




Profile with internal louver




Profile with internal louver and stainless steel mounting clip

## 2 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]
Tested with ATOM-05-RGB-4.0-RGB-DRY

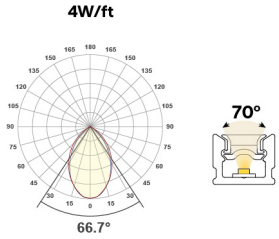
| | Red | | | Green | | | Blue | | | All | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | LM/FT | Wavelength | UGR | LM/FT | Wavelength | UGR | LM/FT | Wavelength | UGR | LM/FT | UGR |
| DF-BK | 8 | 628 | ≤ 8.2 | 24 | 521 | ≤ 12.2 | 6 | 470 | ≤ 7.4 | 41 | ≤ 13.8 |
| DF-WH | 13 | 628 | ≤ 13.9 | 45 | 521 | ≤ 18.2 | 11 | 470 | ≤ 13.7 | 75 | ≤ 19.7 |

## 5 DIODE VISIBILITY

DF - Diffused 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 |

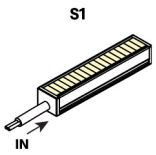
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# MICRO 5 ATOM-LOUVER (05) RGB

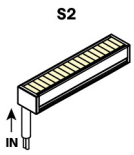
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

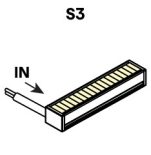
SINGLE (Input only)



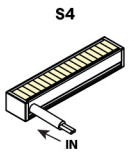

End Feed




Bottom Feed

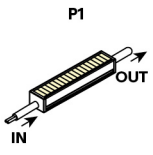



Side Feed - Left

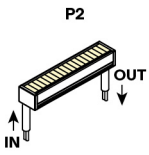



Side Feed - Right

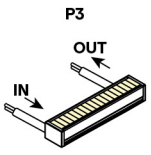
PASS THROUGH (Input/Output)



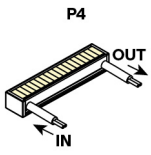

End Feed




Bottom Feed

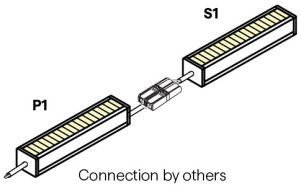



Side Feed - Left



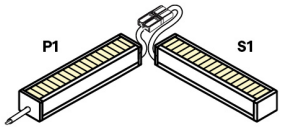

Side Feed - Right

## CONFIGURATION OPTIONS



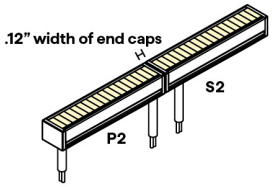

Connection by others

Non-Continuous End Feed

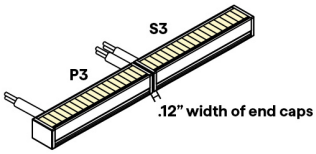



Connection by others

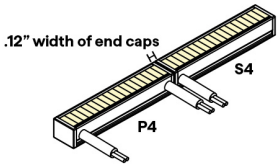
Non-Continuous Corner Feed



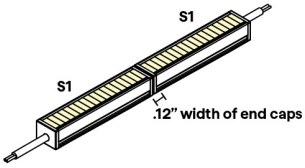

Continuous Bottom Feed




Continuous Side Feed - Left



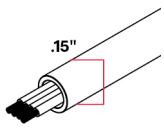

Continuous Side Feed - Right




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

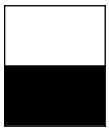



Bare Wire 24"
22 AWG




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

## 9 WIRE COLOR



White

Black

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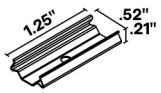
Specification subject to change. Rev-10-07-26

# MICRO 5 ATOM-LOUVER (05) RGB

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

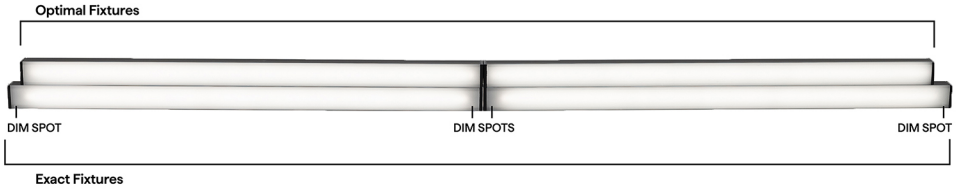
Custom finishes require a longer lead time, consult factory

## 14 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →

E/O Explained →

Exact fixtures are the exact length specified +0 – 1/8". 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.



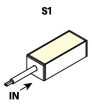

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# MICRO 5 ATOM-LOUVER (05) RGB

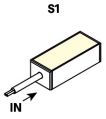
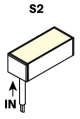
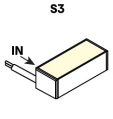
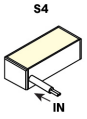
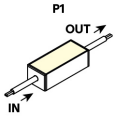
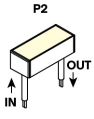
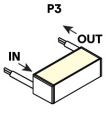
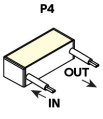
24VDC Linear Fixtures - Surface & Recessed

## RGB DRY DMP LENGTHS BY INCH

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 fixture |
|---|---|
| |   End Feed |
| 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 | | | |
|---|---|---|---|---|---|---|---|---|
| |   End Feed |   Bottom Feed |   Side Feed - Left |   Side Feed - Right |   End Feed |   Bottom Feed |   Side Feed - Left |   Side Feed - Right |
| 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 |

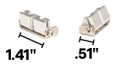
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# MICRO 5 ATOM-LOUVER (05) RGB

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

**HINGE - HMB-S**




Adjustable mounting bracket - Small

**QUOVA-MICRO**



QUOVA Knife Edge

**VHB**



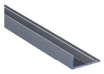
Double sided mounting tape

**NJ-MICRO**



J Mounting Bracket

**BL-MICRO**



Backwards L Mounting Bracket

**NL-MICRO**



L Mounting Bracket

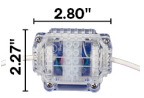
**SD-L-MICRO**



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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