MICRO 5 ATOM-OPTICS (02) RGB
24VDC Linear Fixtures - Surface & Recessed

cULus LISTED | **RoHS COMPLIANT** | **EPD ENVIRONMENTAL PRODUCT DECLARATION** | **5 YEAR WARRANTY** | **Red List Approved Declare.**

.51"
.44"

- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- Features an optically enhanced lens
- 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-02-RGB	4.0	RGB		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-RGB-4.0-RGB-DRY-20D-S1-BW-CLS-WH-CL2-SST-ST-48"-E

① PRODUCT
ATOM-02-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
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.

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
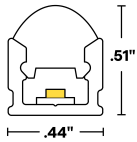**O**   Optimal illumination

MICRO 5 ATOM-OPTICS (02) RGB
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1 PRODUCT - DIMENSIONS

.51"
.44"

Profile with 20D lens

.44"
.60"
.52"
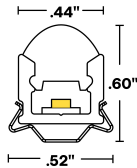
Profile with 20D lens and
stainless steel mounting clip

2 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]
Tested with ATOM-02-RGB-4.0-RGB-DRY

	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT
20D	29	628	96	523	28	470	139

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

20°

29.2°
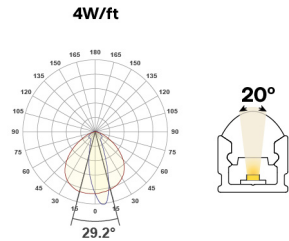
20D lens in green

TEMPERATURE RATINGS

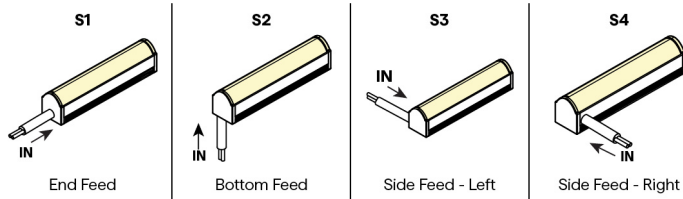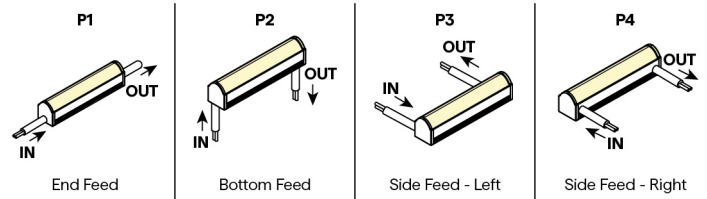|		4.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	120°F
DMP	Ambient Operating Temp - Surface	-4°F	115°F

MICRO 5 ATOM-OPTICS (02) RGB
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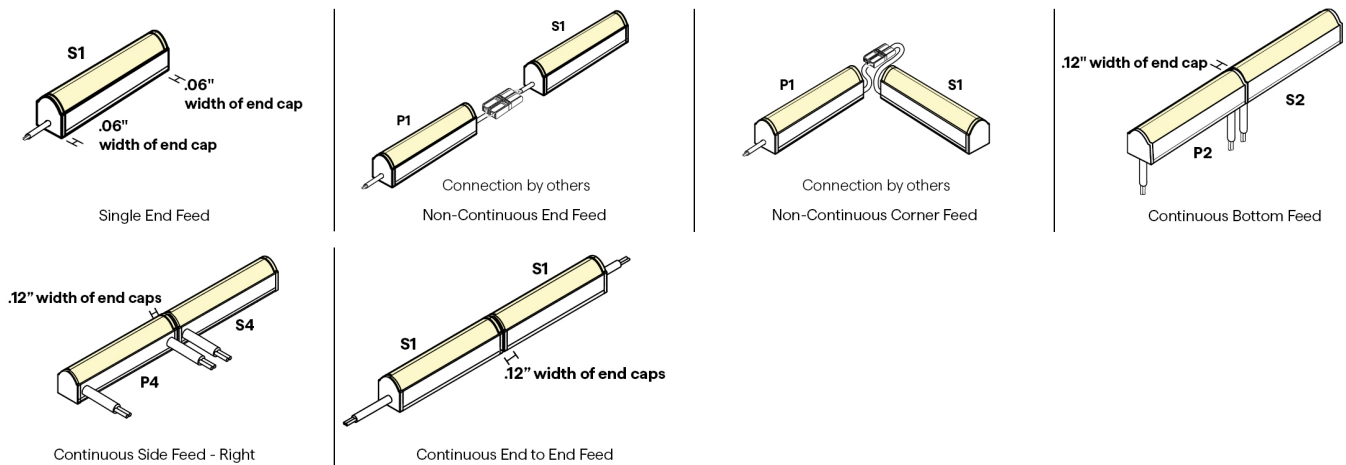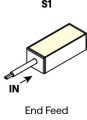
6 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1
End Feed
IN

S2
Bottom Feed
IN

S3
Side Feed - Left
IN

S4
Side Feed - Right
IN

PASS THROUGH (Input/Output)

P1
End Feed
IN / OUT

P2
Bottom Feed
IN / OUT

P3
Side Feed - Left
IN / OUT

P4
Side Feed - Right
IN / OUT

CONFIGURATION OPTIONS

S1
.06" width of end cap
.06" width of end cap
Single End Feed

P1 **S1**
Connection by others
Non-Continuous End Feed

P1 **S1**
Connection by others
Non-Continuous Corner Feed

S2
.12" width of end cap
P2
Continuous Bottom Feed

S4
.12" width of end caps
P4
Continuous Side Feed - Right

S1
S1
.12" width of end caps
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
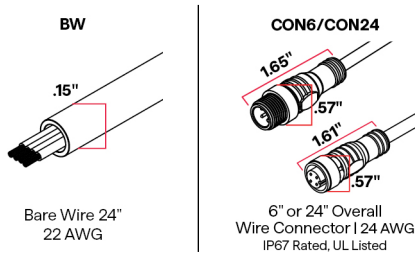
BW
.15"
Bare Wire 24"
22 AWG

CON6/CON24
1.65"
.57"
1.61"
.57"
6" or 24" Overall
Wire Connector | 24 AWG
IP67 Rated, UL Listed

9 WIRE COLOR

White

Black

11 MOUNTING

SST

1.25" **.52"** **.21"**

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.

Optimal Fixtures

DIM SPOT   DIM SPOTS   DIM SPOT

Exact Fixtures
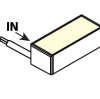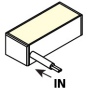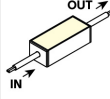
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RGB DRY DMP LENGTHS BY INCH

EXACT LENGTH

| Requested Length	Potential dim spot on either end of a S1 fixture S1 IN 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
	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"	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.

Optimal Fixtures

DIM SPOT   DIM SPOTS   DIM SPOT

Exact Fixtures
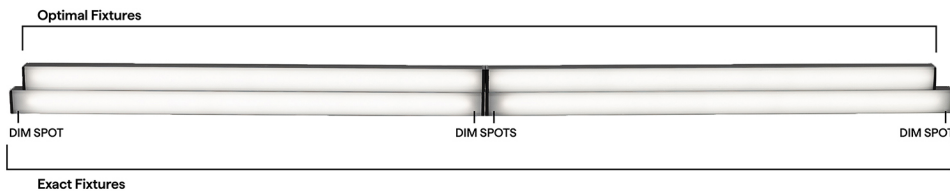
COMPATIBLE POWER SUPPLIES

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

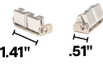| DIM TO LEVEL	INDOOR
	MICRO 5-RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle

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

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-S
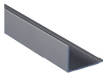
1.41"   .51"

Adjustable mounting bracket - Small

VHB

Double sided mounting tape

NJ-GRAZER

J Mounting Bracket

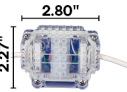**BL-GRAZER**

Backwards L Mounting Bracket

NU-GRAZER

U Mounting Bracket

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5

2.80"

2.27"

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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36"

2.58"

Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage