MICRO 5 TILT-FLAT (01) RGB
24VDC Linear Fixtures - Corner & Surface

c(UL)us LISTED | RoHS Compliant | EPD ENVIRONMENTAL PRODUCT DECLARATION | 5 YEAR WARRANTY | Red List Approved Declare.

.44"
.44"

- MICRO 5 Series linear LED fixture engineered for exceptional light quality and even distribution, seamlessly blending with millwork details
- Corner and surface mount fixture with flat lens
- 60% smaller than ESSENTIALS-VEVE
- Delivers equivalent efficacy as standard size fixtures
- Choose from diffused or frosted lens options for varying diode visibility and beam angles
- 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
TILT-01-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: **TILT-01-RGB-4.0-RGB-DRY-FR-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

1 PRODUCT

TILT-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 WIRE INPUT/OUTPUT

SINGLE (Input only)
S1   End Feed

PASS THROUGH (Input/output)
P1   End 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
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
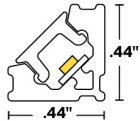**O**   Optimal illumination

5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance
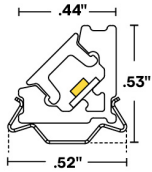
MICRO 5 TILT-FLAT (01) RGB
24VDC Linear Fixtures - Corner & Surface

1 PRODUCT - DIMENSIONS
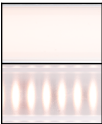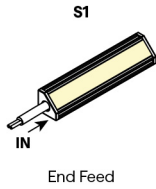
.44"
.44"

Profile with flat lens

.44"
.53"
.52"

Profile with flat lens and
stainless steel mounting clip

2 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]
Tested with TILT-01-RGB-4.0-RGB-DRY

	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT
FR	34	630	109	524	34	470	158
DF	23	631	70	524	22	470	102

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.

4W/ft

120°

121°
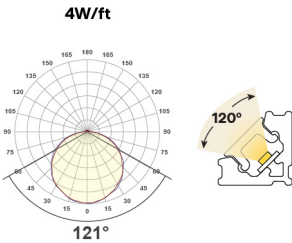
DF lens in green

TEMPERATURE RATINGS

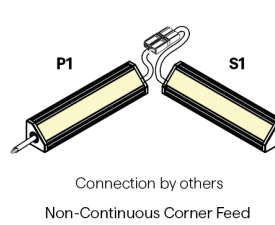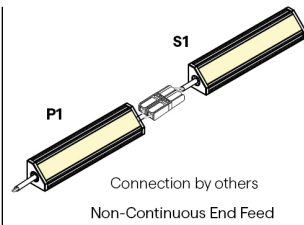|		4.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	120°F
DMP	Ambient Operating Temp - Surface	-4°F	115°F

6 WIRE INPUT/OUTPUT

SINGLE (Input only)

S1

IN

End Feed

PASS THROUGH (Input/Output)

P1

OUT

IN

End Feed

CONFIGURATION OPTIONS

S1

.06"
width of end cap

.06"
width of end cap

Single End Feed

S1

P1

Connection by others

Non-Continuous End Feed

P1

S1

Connection by others

Non-Continuous Corner Feed

S1

S1

.12" width of end caps

Continuous End to End Feed
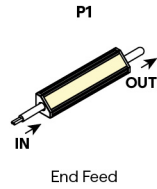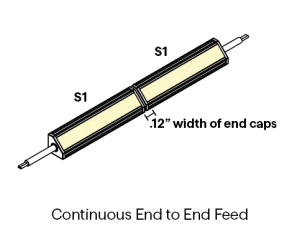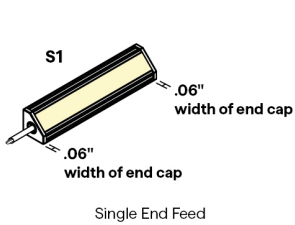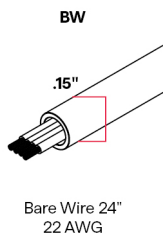
7 / 8 CONNECTOR/WIRE – IN/OUT

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"

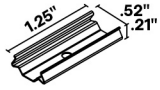Bare Wire 24"
22 AWG

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
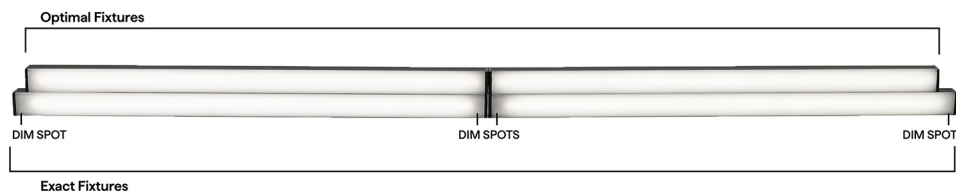
Exact Fixtures

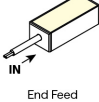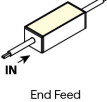# MICRO 5 TILT-FLAT (01) RGB
24VDC Linear Fixtures - Corner & Surface

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 S1 IN End Feed	P1 P1 OUT IN End Feed
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
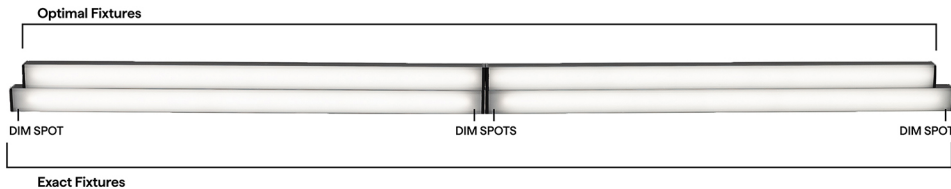
COMPATIBLE POWER SUPPLIES

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

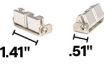| DIM TO LEVEL	INDOOR
	MICRO 5-RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle

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	QUOVA-MICRO	VHB	NJ-MICRO	BL-MICRO	NL-MICRO	SD-L-MICRO
1.41" .51" Adjustable mounting bracket - Small	QUOVA Knife Edge	Double sided mounting tape	J Mounting Bracket	Backwards L Mounting Bracket	L Mounting Bracket	L 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