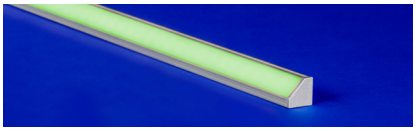
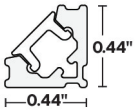
# MICRO 5 TILT-FLAT (01) RGB

24VDC Linear Fixtures - Corner & Surface






- 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

## Specify either factory assembled fixtures or field assembled extrusions and LEDs.

**A** LEDs will be installed into a complete fixture. Ideal for single fixtures. Avoids installers needing to handle the delicate 5mm LED.

**OR**

**B** Extrusions and LEDs will be shipped not installed. Ideal for long runs or light with no interruptions in LED up to Class 2 limitations. Due to the delicate nature of the 5mm LED, care must be taken in the installation process

## A. Factory Assembled Option

**INFORMATION REQUIRED FOR LIGHTING SCHEDULE**

| A1 | A2 | A3 | A4 | A5 |
|---|---|---|---|---|
| PRODUCT | WATTS/ FT | CCT | RATED | LENS |
| TILT-01-RGB | 4.0 | RGB | | |

**ADDITIONAL INFORMATION REQUIRED TO ORDER**

| A6 | A7 | A8 | A9 | A10 | A11 | A12 | A13 | A14 |
|---|---|---|---|---|---|---|---|---|
| WIRE INPUT/ OUTPUT | CONNECTOR/ WIRE IN | CONNECTOR/ WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
| | | | | | SST | | | |

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

### A1 PRODUCT

**TILT-01-RGB**

See following pages for compatible power supplies.

### A2 WATTS/FT

**4.0** 4.0W/ft

### A3 CCT

**RGB**

### A4 RATED

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

### A5 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

### A6 WIRE INPUT/ OUTPUT

**SINGLE (Input only)**
**S1** End Feed

**PASS THROUGH (Input/output)**
**P1** End Feed

### A7 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)

### A8 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)

### A9 WIRE COLOR

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

### A10 WIRE TYPE

**CL2** Class 2
**CL2P** Plenum Rated
**N/A** For Barrel

CL2P only available with bare wire leads (BW)

### A11 MOUNTING

**SST** Stainless Steel

### A12 FINISH

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

Custom finishes require a longer lead time, consult factory

### A13 LENGTH (IN)

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

### A14 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 must comply with QTL's installation methods otherwise warranty is null & void | Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-10-08-26

# MICRO 5 TILT-FLAT (01) RGB

24VDC Linear Fixtures - Corner & Surface

### B. Field Assembled Option

**EXTRUSION ORDERING**

| B1 | B2 | B3 | B4 | B5 | B6 |
|---|---|---|---|---|---|
| PRODUCT | FINISH | MOUNTING | LENS | WIRE INPUT/ OUTPUT | EXTRUSION LENGTH (IN) |
| TILT-01 | | SST | | NI | |

**LED STRIP ORDERING**

| B7 | B8 | B9 | B10 | B11 | B12 | B13 | B14 |
|---|---|---|---|---|---|---|---|
| V/ WATTS | RATED | CCT - LUMENS/ CRI | CONNECTOR/ WIRE IN | CONNECTOR/ WIRE OUT | WIRE COLOR | WIRE TYPE | ILLUMINATED LENGTH |
| RGB24-5MM/4.0 | | RGB | BW | CLS | | CL2 | |

## EXTRUSION ORDERING

Sample Part Number: **TILT-01-ST-SST-DF-NI-98.43"**

**B1 PRODUCT**

**TILT-01**

**B2 FINISH**

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

Custom finishes require a longer lead time, consult factory

**B3 MOUNTING**

**SST** Stainless Steel

**B4 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

**B5 WIRE INPUT/OUTPUT**

**NI** Not Installed

**B6 EXTRUSION LENGTH (IN)**

1" increments from 1" - 98.43"
Extrusion Tolerance +0 -1/8".

## LED STRIP ORDERING

Sample Part Number: **RGB24-5MM/4.0-DRY-RGB-BW-CLS-WH-CL2-100"**

**B7 V/WATTS**

**RGB24-5MM/4.0**

Wattage: 4.0W/ft
Voltage: 24VDC
See following pages for compatible power supplies.

**B8 RATED**

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

**B9 CCT - LUMENS/CRI**

**RGB**

**B10 CONNECTOR/WIRE IN**

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

**B11 CONNECTOR/WIRE OUT**

**CLS** Closed End (No feed)

**B12 WIRE COLOR**

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

**B13 WIRE TYPE**

**CL2** Class 2

**B14 ILLUMINATED LENGTH**

2"-288" in 2" increments

Order LED length needed for each run. Lengths cannot exceed 24' (Class 2). All lengths will have a 2' soldered lead wire attached. This product is not to be field-soldered.

## REQUIRED ACCESSORY

**UNIV-ROLLER**



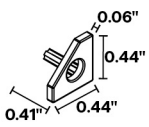
Roller tool used to lay MICRO 5 LED strips into extrusion housing

Included and required for all MICRO 5 field assembled options

To order additional, use UNIV-ROLLER

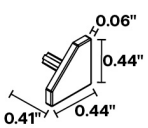
## END CAPS

One pair of end caps is provided with each length of extrusion ordered.




Feed

To order separately, use TILT-EC




No Feed

To order separately, use TILT-EC

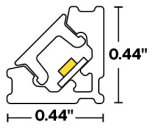
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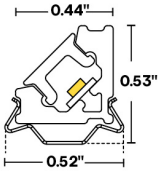
# MICRO 5 TILT-FLAT (01) RGB

24VDC Linear Fixtures - Corner & Surface

## A1 / B1 PRODUCT - DIMENSIONS




Profile with flat lens




Profile with flat lens and stainless steel mounting clip

## A2 / B9 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 |

## A5 / B4 DIODE VISIBILITY

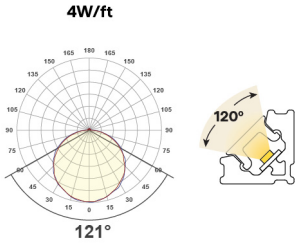


DF - Diffused lens

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 |

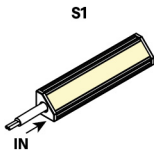
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# MICRO 5 TILT-FLAT (01) RGB

24VDC Linear Fixtures - Corner & Surface

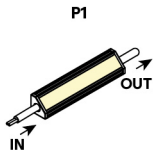
## A6 WIRE INPUT/OUTPUT

SINGLE (Input only)



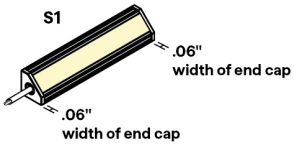

End Feed

PASS THROUGH (Input/Output) - Only applicable for Non-Field Cuttable Q-CAP

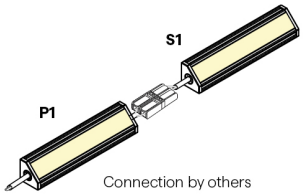



End Feed

## CONFIGURATION OPTIONS

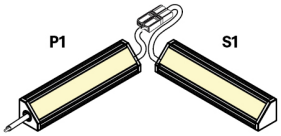



Single End Feed



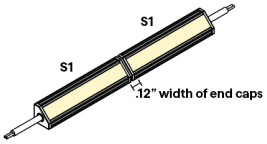

Connection by others

Non-Continuous End Feed




Connection by others

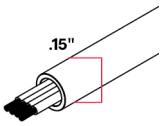
Non-Continuous Corner Feed



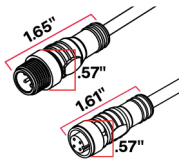

Continuous End to End Feed

## A7 / A8 / B10 / B11 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

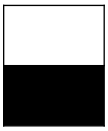



Bare Wire 24"
22 AWG




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

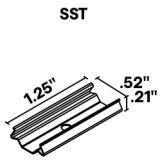
## A9 / B12 WIRE COLOR



White

Black

## A11 / B3 MOUNTING




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

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# MICRO 5 TILT-FLAT (01) RGB

24VDC Linear Fixtures - Corner & Surface

## A12 / B2 FINISH

Satin

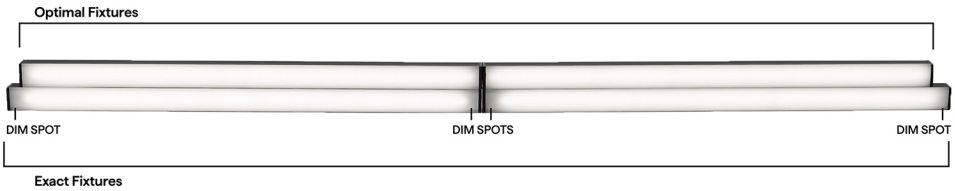
Black

Custom finishes require a longer lead time, consult factory

## A14 EXACT/OPTIMAL FIXTURE LENGTH

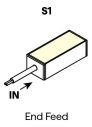
E/O Length Calculator →  E/O Explained →

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.

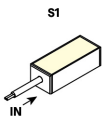
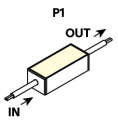



## RGB DRY DMP LENGTHS BY INCH

### 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   | P1   |
|---|---|---|
| 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" |

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# MICRO 5 TILT-FLAT (01) RGB

24VDC Linear Fixtures - Corner & Surface

## COMPATIBLE POWER SUPPLIES

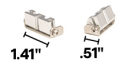
See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

| 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 |

## COMPATIBLE MOUNTING ACCESSORIES

**HINGE - HMB-S**




Adjustable mounting bracket - Small

**QUOVA-MICRO**



QUOVA Knife Edge

**VHB**



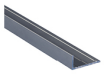
Double sided mounting tape

**NJ-MICRO**



J Mounting Bracket

**BL-MICRO**



Backwards L Mounting Bracket

**NL-MICRO**



L Mounting Bracket

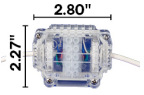
**SD-L-MICRO**



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

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# MICRO 5 TILT-FLAT (01) RGB

24VDC Linear Fixtures - Corner & Surface

## COMPATIBLE APPS

**NFC APP**

Q-NFC

Read and write DMX addresses and adjust voltage

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