



MICRO 5 TILT-FLAT (01) FOR TUNABLE APPLICATIONS

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
- Used in applications where CCT and brightness need to be controlled separately
- When using DALI and DMX power supplies, LED wattage must be doubled
- Consult factory for field assembly options

1	2	3	4	5	6	7	8	9	10	11	12	13	14
PRODUCT	WATTS/FT	CCT	RATED	LENS	WIRE INPUT/OUTPUT	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/OPTIMAL
	2.0		DRY							SST			

Sample Part Number: **TILT-01-DW-2.0-20/27-DRY-FR-S1-BW-CLS-WH-CL2-SST-ST-48"-E**

1

PRODUCT

TILT-01-DW
TILT-01-DW-USA

Select USA option for BAA and BABA projects.

LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.

2

WATTS/FT

2.02.0W/ft

3

CCT

20/272000K/2700K
20/302000K/3000K
27/402700K/4000K
27/552700K/5500K

4

RATED

DRYIP20

5

LENS

DFDiffused
FRFrosted

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

S1Single 1 (Input only) - End Feed

7

CONNECTOR/WIRE IN

BW
CON6
CON24

Bare Wire (Standard 24")
Connector 6"
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
CON6
CON24

Bare Wire (Standard 24")
Connector 6"
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
CON6
CON24

Bare Wire (Standard 24")
Connector 6"
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

WHWhite
BKBlack

10

WIRE TYPE

CL2Class 2
CL2PPlenum Rated

CL2P only available with bare wire leads (BW)

11

MOUNTING

SSTStainless Steel

12

FINISH

STSatin
BKBlack
CUCustom

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

EExact specified length
OOptimal illumination

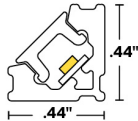
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



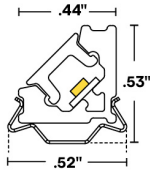
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1 PRODUCT - DIMENSIONS



Profile with flat lens



Profile with flat lens and stainless steel mounting clip

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with TILT-01-DW-2.0-**-DRY

	2000K		2700K		3000K		4000K		5500K	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
FR	134	93	146	97	151	98	156	97	165	96
DF	89	94	96	98	100	98	103	97	110	97

5 DIODE VISIBILITY

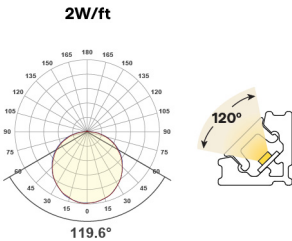


DF - Diffused lens

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 at 3000K

TEMPERATURE RATINGS

		DW 2.0 W/FT		DW 4.0 W/FT	
		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
		Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	120°F

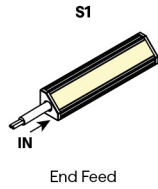


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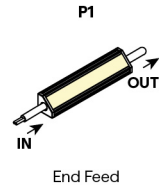
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6 WIRE INPUT/OUTPUT

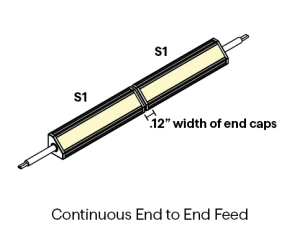
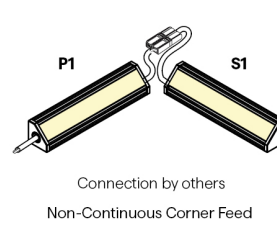
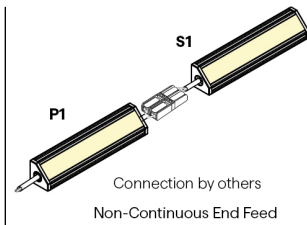
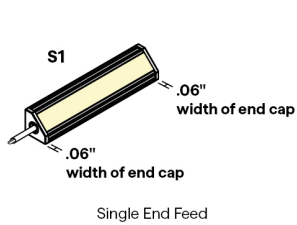
SINGLE (Input only)



PASS THROUGH (Input/Output)

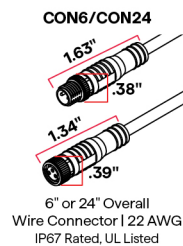
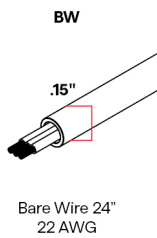


CONFIGURATION OPTIONS



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



9 WIRE COLOR



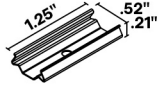


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11 MOUNTING

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

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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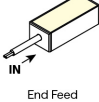
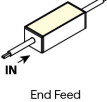
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DW DRY LENGTHS BY INCH

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"

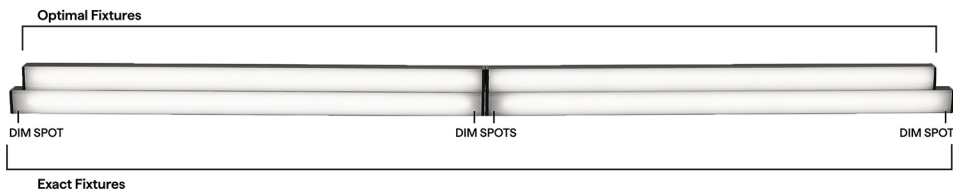
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EXACT/OPTIMAL FIXTURE LENGTH

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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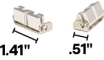






COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	MICRO 5-DW Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QTM-eLED+TW-AWN
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle

DIMMING PROTOCOL	INDOOR
	MICRO 5-DW Tunable Applications
0-10V	QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+TW QTM-eLED+TW-AWN
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+TW-AWN
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle

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

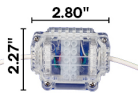


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COMPATIBLE WIRING ACCESSORIES

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



Read and write
DMX addresses and
adjust voltage