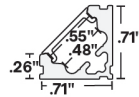
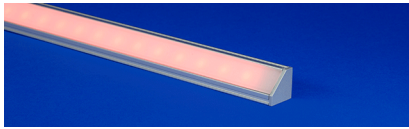




# ESSENTIALS VEVE™-FLAT (01)

## STATIC COLOR

24VDC Linear Fixtures - Corner & Surface



- Corner and surface mount linear fixture with flat lens
- Choose from diffused, polar, frosted, or clear lens options for varying diode visibility and beam angles
- Two cutoff options when using clear lens
- Mounting options include stainless steel clips, magnets, and low-profile magnet mounts
- Features painted end caps to match extrusion finish
- Can be suitable for exterior use when specified as wet, contact factory for more information
- Red, Green, Blue or Amber LEDs available
- Q-Tran Red & Amber LED products are Florida Fish and Wildlife Conservation Commission certified, making them safe for turtles and other wildlife

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	EFFICIENCY	LENS
VV1SC	5.0			STD	

### ADDITIONAL INFORMATION REQUIRED TO ORDER

7	8	9	10	11	12	13	14	15
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL

Sample Part Number: **VV1SC-5.0-GR-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

<b>1 PRODUCT</b> <b>VV1SC</b> See following pages for compatible power supplies.	<b>2 WATTS/FT</b> <b>5.0</b> 5.0W/ft	<b>3 CCT</b> <b>A</b> Amber <b>B</b> Blue <b>G</b> Green <b>R</b> Red	<b>4 RATED</b> <b>DRY</b> IP20 <b>DMP</b> IP54 <b>WET</b> IP67 Can be suitable for exterior use, contact factory for more information	<b>5 EFFICIENCY</b> <b>STD</b> Standard	<b>6 LENS</b> <b>DF</b> Diffused <b>PR</b> Polar <b>FR</b> Frosted <b>CL</b> Clear For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages
<b>7 WIRE INPUT/OUTPUT</b> <b>SINGLE (Input only)</b> <b>S1</b> End Feed  <b>PASS THROUGH (Input/output)</b> <b>P1</b> End Feed	<b>8 CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  <b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"	<b>9 CONNECTOR/WIRE OUT</b> <b>CLS</b> Closed End (No feed)  <b>BW</b> Bare Wire (Standard 24") <b>BRL</b> Barrel <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"	<b>10 WIRE COLOR</b> <b>WH</b> White <b>BK</b> Black <b>N/A</b> For Barrel wet barrel only available in black		
<b>11 WIRE TYPE</b> <b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated <b>N/A</b> For Barrel CL2P only available with bare wire leads (BW)	<b>12 MOUNTING</b> <b>SST</b> Stainless Steel <b>M4</b> Low Profile Magnet <b>MG</b> Magnet	<b>13 FINISH</b> <b>ST</b> Satin <b>BK</b> Black <b>BZ</b> Bronze <b>CU</b> Custom Custom finishes require a longer lead time, consult factory	<b>14 LENGTH (IN)</b> Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	<b>15 EXACT/OPTIMAL</b> <b>O</b> Optimal Illumination <b>E</b> Exact Specified Length Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.	

BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

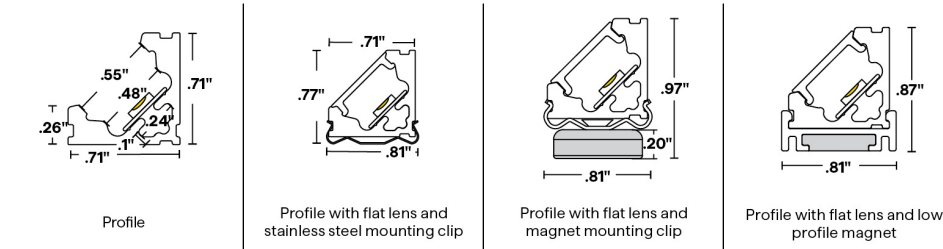
BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



# ESSENTIALS VEVE™-FLAT (01) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

## 1 PRODUCT - DIMENSIONS

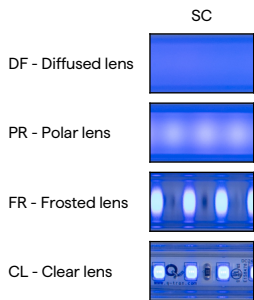


## 2 DELIVERED LUMENS

[Calculated L70 = 30000 hrs]  
Tested with VVISC-5.0-\*\*-DRY-STD

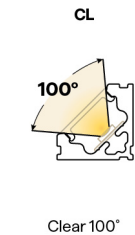
	Red		Green		Blue		Amber	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH
CL	82	633	443	517	115	466	74	597
FR	80	633	435	517	113	466	73	597
PR	73	633	397	517	103	466	66	597
DF	67	633	362	517	94	466	60	597

## 6 DIODE VISIBILITY



## PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.





# ESSENTIALS VEVE™-FLAT (01) STATIC COLOR

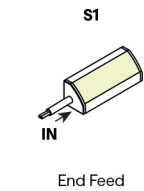
24VDC Linear Fixtures - Corner & Surface

## TEMPERATURE RATINGS

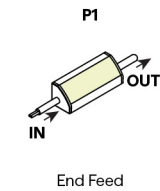
		5.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	125°F
DMP	Ambient Operating Temp - Surface	-4°F	120°F
WET	Ambient Operating Temp - Surface	-4°F	120°F

## 7 WIRE INPUT/OUTPUT

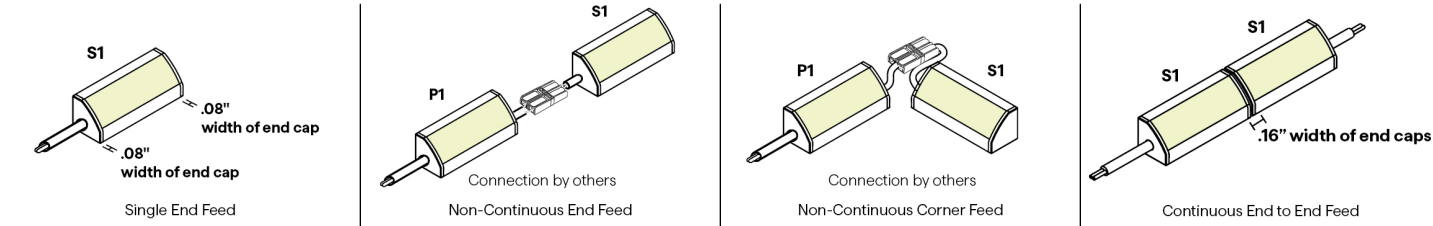
SINGLE (Input only)



PASS THROUGH (Input/Output)

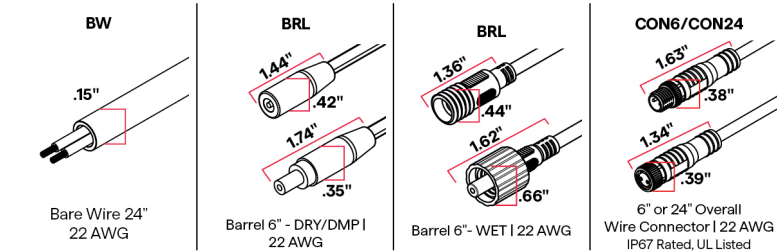


## CONFIGURATION OPTIONS



## 8 / 9 CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



## 10 WIRE COLOR





# ESSENTIALS VEVE™-FLAT (01) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

## 12 MOUNTING

### SST



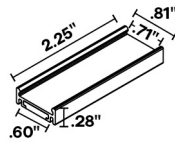
Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-01

Each clip comes with a #4 x 5/8" Flat Head SS

### M4

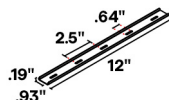


Low Profile Magnet

One M4 provided per foot.

To order separately use MG-04

### MMA-04



Magnet Mount Accessory for M4

Sold separately, to order use MMA-04

Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface

### MG

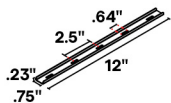


Magnet Clip

One MG provided per foot

To order separately use MG-01

### MMA-01



Magnet Mount Accessory of MG-01

Sold separately, to order use MMA-01

Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface

## 13 FINISH



Satin

Black

Bronze

Custom finishes require a longer lead time, consult factory

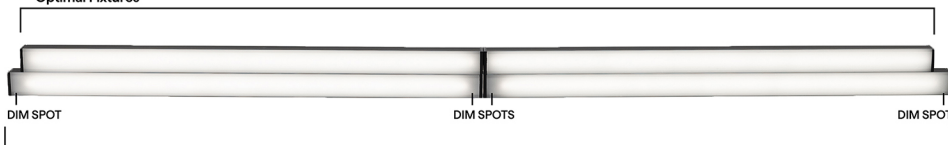
## 14 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

[E/O Explained →](#)

Exact fixtures are the exact length specified. 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



### Exact Fixtures

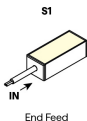


# ESSENTIALS VEVE™-FLAT (01) STATIC COLOR

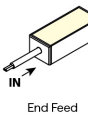
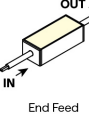
24VDC Linear Fixtures - Corner & Surface

## SC DRY DMP LENGTHS BY INCH

### EXACT LENGTH

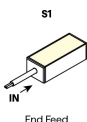
Requested Length	Potential dim spot on either end of a S1 fixture
	
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

### OPTIMAL LENGTH

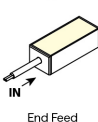
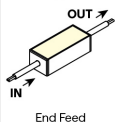
Requested Nominal Length	S1	P1
		
12"	11.59"	11.34"
13"	12.59"	12.34"
14"	13.59"	13.34"
15"	14.59"	14.34"
16"	15.59"	15.34"
17"	16.59"	16.34"
18"	17.59"	17.34"
19"	18.59"	18.34"
20"	19.59"	19.34"
21"	20.59"	20.34"
22"	21.59"	21.34"
23"	22.59"	22.34"
24"	23.59"	23.34"
36"	35.59"	35.34"
48"	47.59"	47.34"
60"	59.59"	59.34"
72"	71.59"	71.34"
84"	83.59"	83.34"
96"	95.59"	95.34"

## SC WET 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"	11.39"	11.24"
13"	12.39"	12.24"
14"	13.39"	13.24"
15"	14.39"	14.24"
16"	15.39"	15.24"
17"	16.39"	16.24"
18"	17.39"	17.24"
19"	18.39"	18.24"
20"	19.39"	19.24"
21"	20.39"	20.24"
22"	21.39"	21.24"
23"	22.39"	22.24"
24"	23.39"	23.24"
36"	35.39"	35.24"
48"	47.39"	47.24"
60"	59.39"	59.24"
72"	71.39"	71.24"
84"	83.39"	83.24"
96"	95.39"	95.24"



# ESSENTIALS VEVE™-FLAT (01) STATIC COLOR

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	OUTDOOR
	SC	SC
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	






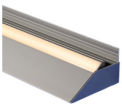



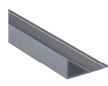



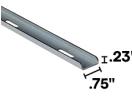
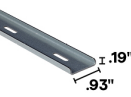
DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	
ECO System	QTM-eLED(E)	
DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	




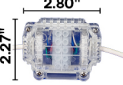





# ESSENTIALS VEVE™-FLAT (01) STATIC COLOR

## 24VDC Linear Fixtures - Corner & Surface

### COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b>  1.41" .71" Adjustable mounting bracket - Medium	<b>HINGE - HMB-L</b>  1.46" 1.29" Adjustable mounting bracket - Large	<b>HINGE - HMB-XL</b>  4" 1.46" Adjustable mounting bracket - XLarge	<b>Q-PIVOT</b>  .75" 1.03" Small mounting accessory	<b>Q-ANGLE</b>  2.23" 1.38" Adjustable mounting accessory	<b>QUOVA-STANDARD</b>  QUOVA Knife Edge	<b>NJ-LARGE</b>  J Mounting Bracket	<b>NJ-MEDIUM</b>  J Mounting Bracket	<b>SD-J-LARGE</b>  J Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket
<b>NL-LARGE</b>  L Mounting Bracket	<b>SD-L-LARGE</b>  L Mounting Bracket	<b>SD-L-MEDIUM</b>  L Mounting Bracket	<b>MMA-01</b>  1.23" .75" Magnet Mount Accessory of MG-01	<b>MMA-04</b>  1.19" .93" Magnet Mount Accessory of MG-04					

### COMPATIBLE WIRING ACCESSORIES

<b>Q-mini-J</b>  2" 1.25" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>Q-mini-J5</b>  2.80" 2.27" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>BARREL-EXT</b>  8ft barrel cable extender DRY ONLY	<b>BARREL FOUR-FER</b>  Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	<b>CON120-EXT</b>  10ft Con cable extender DRY/DMP/WET	<b>CON FOUR-FER</b>  Splits lead from one to four LED Con connectors DRY/DMP/WET	<b>CON M - BARREL F</b>  Male con to barrel cable adaptor DRY/DMP
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### COMPATIBLE APPS

#### NFC APP



Read and write DMX addresses and adjust voltage