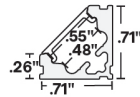




# ESSENTIALS VEVE™-FLAT (01)

## RGBW

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
- Corner and surface mount linear fixture with flat lens
- 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
- Red, Green, and Blue LED paired with a specifiable white LED allow for color changing applications

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	EFFICIENCY	LENS
VVIRGBW				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: **VVIRGBW-6.0-30-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

<b>1</b> <b>PRODUCT</b> VVIRGBW See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b> 6.0 6.0W/ft 4.0HE 4.0W/ft HE	<b>3</b> <b>CCT</b> 27 RGBW-2700K 30 RGBW-3000K 35 RGBW-3500K 40 RGBW-4000K	<b>4</b> <b>RATED</b> DRY IP20 DMP IP54	<b>5</b> <b>EFFICIENCY</b> STD Standard	<b>6</b> <b>LENS</b> DF Diffused PR Polar FR Frosted CL Clear Clear Lens is not available for RGBW-HE. For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages			
<b>7</b> <b>WIRE INPUT/OUTPUT</b> S1 SINGLE (Input only) End Feed P1 PASS THROUGH (Input/output) End Feed	<b>8</b> <b>CONNECTOR/WIRE IN</b> BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"	<b>9</b> <b>CONNECTOR/WIRE OUT</b> CLS Closed End (No feed) BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"	<b>10</b> <b>WIRE COLOR</b> WH White BK Black	<b>11</b> <b>WIRE TYPE</b> CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW)	<b>12</b> <b>MOUNTING</b> SST Stainless Steel M4 Low Profile Magnet MG Magnet	<b>13</b> <b>FINISH</b> ST Satin BK Black BZ Bronze CU Custom Custom finishes require a longer lead time, consult factory	<b>14</b> <b>LENGTH (IN)</b> Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	<b>15</b> <b>EXACT/OPTIMAL</b> O Optimal Illumination E 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)

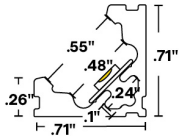
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



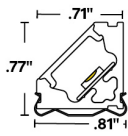
# ESSENTIALS VEVE™-FLAT (01) RGBW

24VDC Linear Fixtures - Corner & Surface

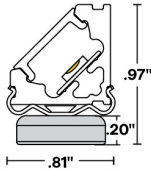
## 1 PRODUCT - DIMENSIONS



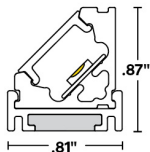
Profile



Profile with flat lens and stainless steel mounting clip



Profile with flat lens and magnet mounting clip



Profile with flat lens and low profile magnet

## 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with VVIRGBW-\*\*-30-DRY-STD

	6.0 W/FT								4.0HE W/FT								
	Red		Green		Blue		3000K			Red		Green		Blue		3000K	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	CRI		LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	CRI
CL	36	631	97	513	29	464	124	93	31	629	120	516	26	465	74	97	
FR	36	631	95	513	29	464	121	93	31	629	118	516	26	465	73	97	
PR	32	631	87	513	26	464	111	93	28	629	108	516	23	465	66	97	
DF	30	631	79	513	24	464	101	93	26	629	98	516	21	465	60	97	

## 6 DIODE VISIBILITY

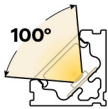


- DF - Diffused lens
- PR - Polar lens
- FR - Frosted lens
- CL - Clear lens

## PHOTOMETRIC PERFORMANCE

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

CL



Clear 100°

## TEMPERATURE RATINGS

		6.0 W/FT		4.0 HE W/FT	
		Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	115°F	-4°F	130°F
DMP	Ambient Operating Temp - Surface	-4°F	110°F	-4°F	125°F



# ESSENTIALS VEVE™-FLAT (01) RGBW

24VDC Linear Fixtures - Corner & Surface

## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)



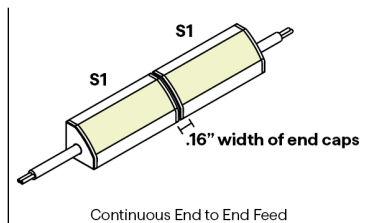
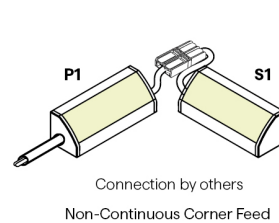
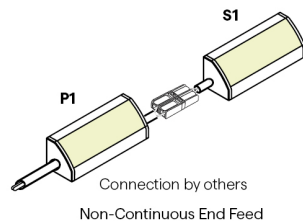
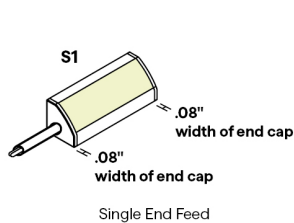
End Feed

PASS THROUGH (Input/Output)



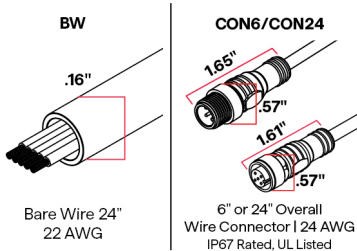
End Feed

## 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



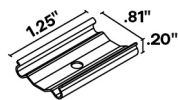


# ESSENTIALS VEVE™-FLAT (01) RGBW

24VDC Linear Fixtures - Corner & Surface

## 12 MOUNTING

SST



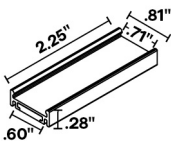
Stainless Steel Clip

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

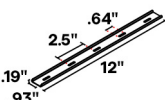


Low Profile Magnet

One M4 provided per foot.

To order separately use MG-04

MMA-04



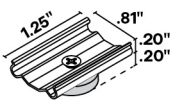
Magnet Mount Accessory for M4

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

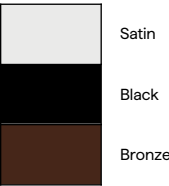


Magnet Clip

One MG provided per foot

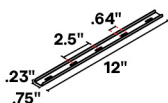
To order separately use MG-01

## 13 FINISH



Custom finishes require a longer lead time, consult factory

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

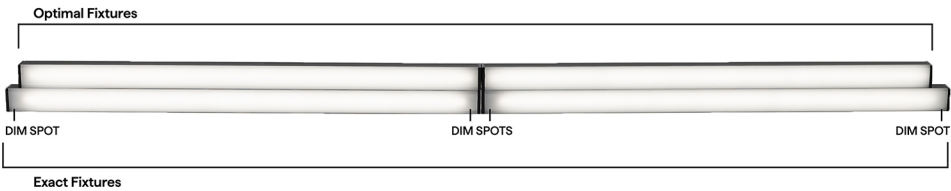
Required when mounting to a non-magnetic surface

## 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.



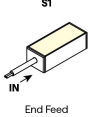


# ESSENTIALS VEVE™-FLAT (01) RGBW

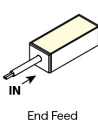
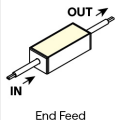
24VDC Linear Fixtures - Corner & Surface

## RGBW-HE DRY DMP LENGTHS BY INCH

### EXACT LENGTH

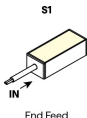
Requested Length	Potential dim spot on either end of a S1 fixture
	
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

### OPTIMAL LENGTH

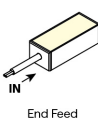
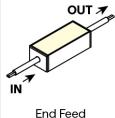
Requested Nominal Length	S1	P1
		
12"	11.49"	11.14"
13"	12.49"	12.14"
14"	13.49"	13.14"
15"	14.49"	14.14"
16"	15.49"	15.14"
17"	16.49"	16.14"
18"	17.49"	17.14"
19"	18.49"	18.14"
20"	19.49"	19.14"
21"	20.49"	20.14"
22"	21.49"	21.14"
23"	22.49"	22.14"
24"	23.49"	23.14"
36"	35.49"	35.14"
48"	47.49"	47.14"
60"	59.49"	59.14"
72"	71.49"	71.14"
84"	83.49"	83.14"
96"	95.49"	95.14"

## RGBW DRY DMP LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	
12"	2"
13"	0.5"
14"	1"
15"	1.5"
16"	2"
17"	0.5"
18"	1"
19"	1.5"
20"	2"
21"	0.5"
22"	1"
23"	1.5"
24"	2"
36"	2"
48"	2"
60"	2"
72"	2"
84"	2"
96"	2"

### OPTIMAL LENGTH

Requested Nominal Length	S1	P1
		
12"	11.49"	11.14"
13"	12.49"	12.14"
14"	13.49"	13.14"
15"	14.49"	14.14"
16"	15.49"	15.14"
17"	16.49"	16.14"
18"	17.49"	17.14"
19"	18.49"	18.14"
20"	19.49"	19.14"
21"	20.49"	20.14"
22"	21.49"	21.14"
23"	22.49"	22.14"
24"	23.49"	23.14"
36"	35.49"	35.14"
48"	47.49"	47.14"
60"	59.49"	59.14"
72"	71.49"	71.14"
84"	83.49"	83.14"
96"	95.49"	95.14"



# ESSENTIALS VEVE™-FLAT (01) RGBW

24VDC Linear Fixtures - Corner & Surface


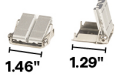



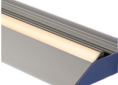



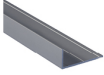



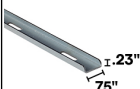
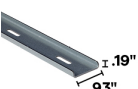
## COMPATIBLE POWER SUPPLIES

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

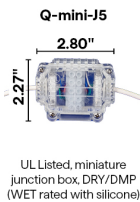
DIM TO LEVEL	INDOOR
	RGBW, RGBW-HE
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with RGBW App Dongle

DIMMING PROTOCOL	INDOOR
	RGBW, RGBW-HE
DMX	QTM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGBW App Dongle

## 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>  1.46" 4" Adjustable mounting bracket - XLarge	<b>Q-PIVOT</b>  1.03" .75" Small mounting accessory	<b>Q-ANGLE</b>  1.38" 2.23" 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





# ESSENTIALS VEVE™-FLAT (01) RGBW

24VDC Linear Fixtures - Corner & Surface

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## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage