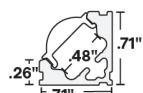
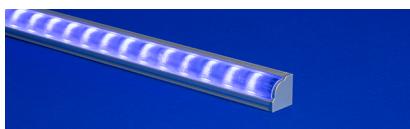




# ESSENTIALS VEVE™-OPTICS (02)

## RGBW

24VDC Linear Fixtures - Corner & Surface



- Corner and surface mount linear fixture with optical lens
- Choose from a 20° or 45° beam angle
- 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

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 EFFICIENCY	6 LENS	7 WIRE INPUT/ OUTPUT	8 CONNECTOR/ WIRE IN	9 CONNECTOR/ WIRE OUT	10 WIRE COLOR	11 WIRE TYPE	12 MOUNTING	13 FINISH	14 LENGTH (IN)	15 EXACT/ OPTIMAL
VV2RGBW	6.0			STD										

Sample Part Number: **VV2RGBW-6.0-30-DRY-STD-20-P1-BW-BK-CL2-SST-BK-48"-E**

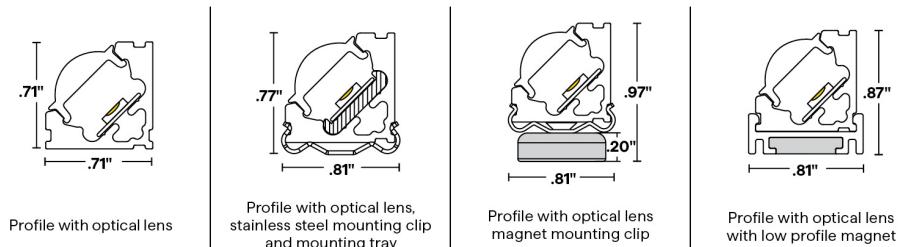
<b>1</b> <b>PRODUCT</b>  VV2RGBW  See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b>  6.0 6.0W/ft	<b>3</b> <b>CCT</b>  27 RGBW-2700K 30 RGBW-3000K	<b>4</b> <b>RATED</b>  DRY IP20 DMP IP54	<b>5</b> <b>EFFICIENCY</b>  STD Standard	<b>6</b> <b>LENS</b>  20 Optical 20° 45 Optical 45° DRY or DMP only  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 1 (Input only) - End Feed  P1 Pass Through 1 (Input/output) - End Feed	<b>8</b> <b>CONNECTOR/WIRE IN</b>  BW CON6 CON24 Bare Wire (Standard 24") Connector 6" Connector 24"  BW CON6 CON24 Bare Wire (Standard 24") Connector 6" Connector 24"	<b>9</b> <b>CONNECTOR/WIRE OUT</b>  CLS Closed End (No feed)	<b>10</b> <b>WIRE COLOR</b>  WH White BK Black		
					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)
<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.	



# ESSENTIALS VEVE™-OPTICS (02) RGBW

24VDC Linear Fixtures - Corner & Surface

## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]  
Tested with VV2RGBW-\*\*-30-DRY-STD

	Red		Green		Blue		3000K	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	CRI
20	38	631	103	513	31	464	131	93
45	42	631	112	513	34	464	143	93

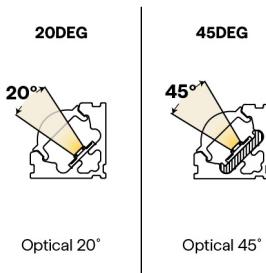
## 6 DIODE VISIBILITY



Optical lens

## PHOTOMETRIC PERFORMANCE

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



## 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

## 7 WIRE INPUT/OUTPUT

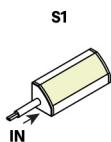
SINGLE (Input only)

PASS THROUGH (Input/Output)

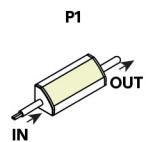


## ESSENTIALS VEVE™-OPTICS (02) RGBW

24VDC Linear Fixtures - Corner & Surface

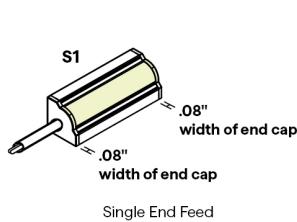


End Feed

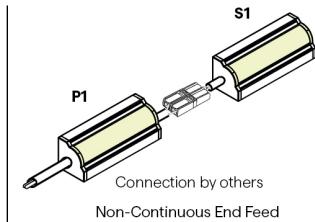


End Feed

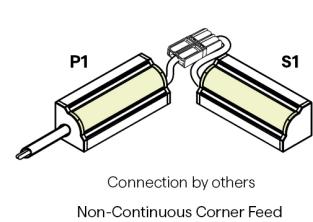
### CONFIGURATION OPTIONS



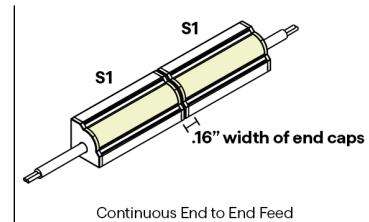
Single End Feed



Connection by others  
Non-Continuous End Feed



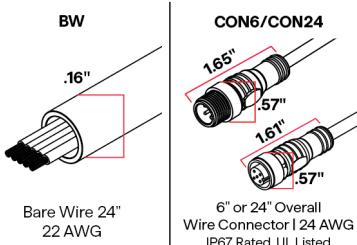
Connection by others  
Non-Continuous Corner Feed



Continuous End to End Feed

### 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



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



White

Black



## ESSENTIALS VEVE™-OPTICS (02) RGBW

24VDC Linear Fixtures - Corner & Surface

### 12 MOUNTING

SST	M4	MMA-04	MG
Satin Steel Clip	Low Profile Magnet	Magnet Mount Accessory for M4	Magnet 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	One M4 provided per foot. To order separately use MG-04	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	One MG provided per foot To order separately use MG-01

### 13 FINISH



Custom finishes require a longer lead time, consult factory

#### MMA-01

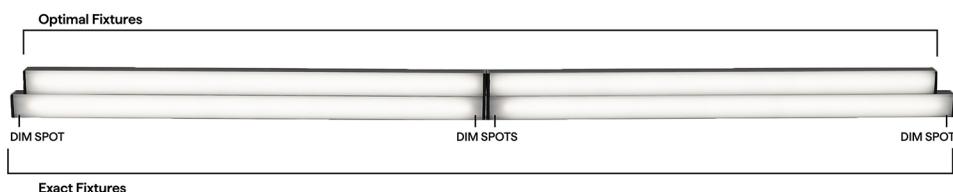
Magnet Mount Accessory of MG-01
Sold separately, to order use MMA-01
Each bracket comes with 2 #6 x 5/8" Flat Head SS Required when mounting to a non-magnetic surface

### 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™-OPTICS (02) RGBW

24VDC Linear Fixtures - Corner & Surface

## RGBW DRY DMP LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture	
	S1	End Feed
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
	IN	OUT
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"

## 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	



## ESSENTIALS VEVE™-OPTICS (02) RGBW

24VDC Linear Fixtures - Corner & Surface

### COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M	HINGE - HMB-L	HINGE - HMB-XL	Q-PIVOT	Q-ANGLE	MMA-01	MMA-04
1.41" .71"	1.46" 1.29"	1.46" 4"	.75" 1.03"	1.38" 2.23"	.23" .75"	.19" .93"
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	Magnet Mount Accessory of MG-01	Magnet Mount Accessory of MG-04

### COMPATIBLE WIRING ACCESSORIES



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