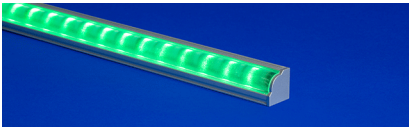




ESSENTIALS VEVE™-OPTICS (02)

RGB

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 allows for color changing applications
- Features 7 diodes per 2" cut point

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	EFFICIENCY	LENS
VV2RGB	6.0	RGB		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: **VV2RGB-6.0-RGB-DRY-STD-20-P1-BW-BW-BK-CL2-SST-BK-48"-E**

1	2	3	4	5	6
PRODUCT	WATTS/FT	CCT	RATED	EFFICIENCY	LENS
VV2RGB See following pages for compatible power supplies.	6.0 6.0W/ft	RGB	DRY IP20 DMP IP54	STD Standard	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

7	8	9	10
WIRE INPUT/OUTPUT	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	WIRE COLOR
SINGLE (Input only) S1 End Feed	BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"	CLS Closed End (No feed)	WH White BK Black
PASS THROUGH (Input/output) P1 End Feed	BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"	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: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

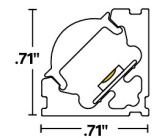
11	12	13	14	15
WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/OPTIMAL
CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW)	SST Stainless Steel M4 Low Profile Magnet MG Magnet	ST Satin BK Black BZ Bronze CU Custom Custom finishes require a longer lead time, consult factory	Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	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.



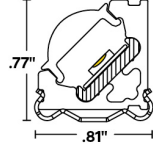
ESSENTIALS VEVE™-OPTICS (02) RGB

24VDC Linear Fixtures - Corner & Surface

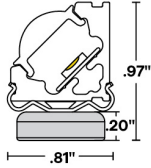
1 PRODUCT - DIMENSIONS



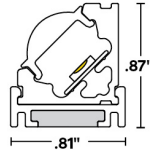
Profile with optical lens



Profile with optical lens,
stainless steel mounting clip
and mounting tray



Profile with optical lens
magnet mounting clip



Profile with optical lens
with low profile magnet

2 DELIVERED LUMENS

[Calculated L70 = 55000 hrs]
Tested with VV2RGB-6.0-RGB-DRY-STD

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
20	83	633	168	523	48	469	271
45	91	633	184	523	52	469	295

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.



Optical 20°



Optical 45°

TEMPERATURE RATINGS

		6.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	105°F
DMP	Ambient Operating Temp - Surface	-13°F	100°F
WET	Ambient Operating Temp - Surface	**	**



ESSENTIALS VEVE™-OPTICS (02) RGB

24VDC Linear Fixtures - Corner & Surface

7 WIRE INPUT/OUTPUT

SINGLE (Input only)



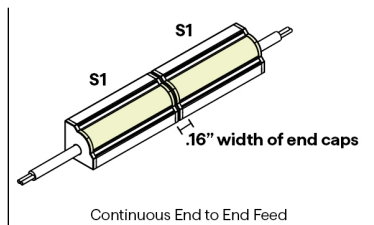
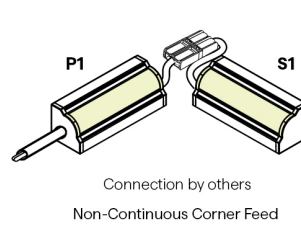
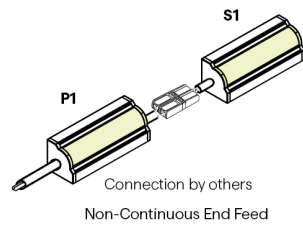
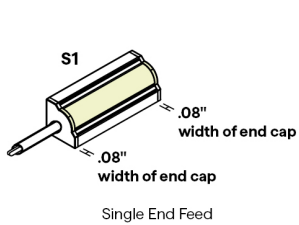
End Feed

PASS THROUGH (Input/Output)



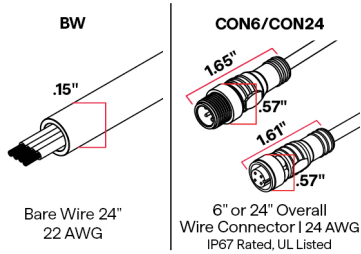
End Feed

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



Bare Wire 24"
22 AWG

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

10 WIRE COLOR





ESSENTIALS VEVE™-OPTICS (02) RGB

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

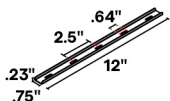


Magnet Clip

One MG provided per foot

To order separately use MG-01

MMA-01



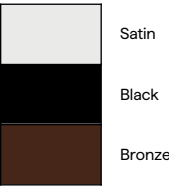
Magnet Mount Accessory of MG-01

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



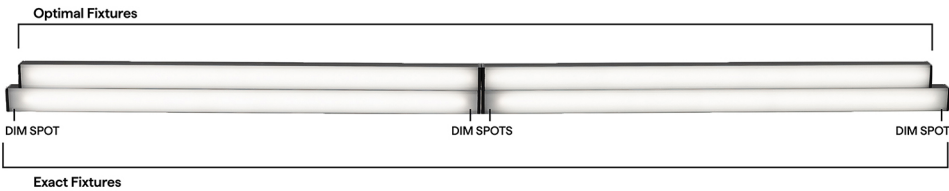
Custom finishes require a longer lead time, consult factory

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.





ESSENTIALS VEVE™-OPTICS (02) RGB

24VDC Linear Fixtures - Corner & Surface

RGB DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	S1
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
	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"

COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	RGB
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 RGB App Dongle


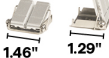



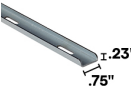

DIMMING PROTOCOL	INDOOR
	RGB
DMX	QTM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8



ESSENTIALS VEVE™-OPTICS (02) RGB

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"	2.23" 1.38"	1.23" .75"	1.19" .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

Q-mini-J5



2.80"
2.27"

UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



1.36"
2.58"

Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Q-NFC

Read and write DMX addresses and adjust voltage