



ESSENTIALS VEVE™-FLAT (01)

SW-IA

24VDC Linear Fixtures - Corner & Surface



5 YEAR
WARRANTY

Declare.

Red List
Approved

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
VV1IA	5.0		DRY	STD										

Sample Part Number: VV1IA-5.0-30-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E

1 PRODUCT VV1IA See following pages for compatible power supplies.	2 WATTS/FT 5.0 5.0W/ft	3 CCT 27 2700K 30 3000K 35 3500K 40 4000K	4 RATED DRY IP20	5 EFFICIENCY STD Standard	6 LENS DF Diffused PR Polar FR Frosted CL Clear For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages
7 WIRE INPUT/OUTPUT S1 Single 1 (Input only) - End Feed	8 CONNECTOR/WIRE IN 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)	9 CONNECTOR/WIRE OUT CLS Closed End (No feed)	10 WIRE COLOR WH White BK Black		
P1 Pass Through 1 (Input/output) - End Feed	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 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)			
11 WIRE TYPE CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW)	12 MOUNTING SST Stainless Steel M4 Low Profile Magnet MG Magnet	13 FINISH ST Satin BK Black BZ Bronze CU Custom Custom finishes require a longer lead time, consult factory	14 LENGTH (IN) Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	15 EXACT/OPTIMAL 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.	

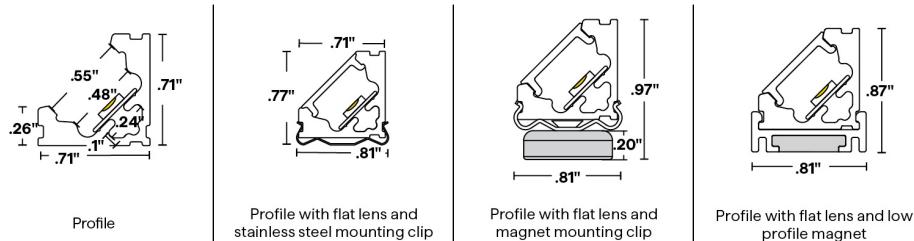
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



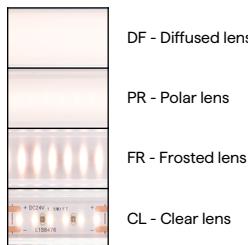
ESSENTIALS VEVE™-FLAT (01) SW-IA

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1 PRODUCT - DIMENSIONS

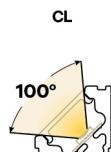


6 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

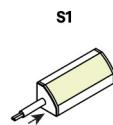
Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.



Clear 100°

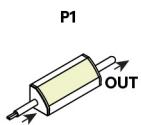
7 WIRE INPUT/OUTPUT

SINGLE (Input only)



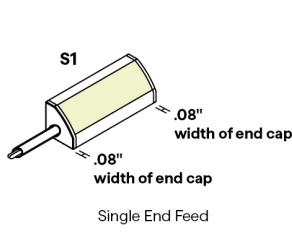
End Feed

PASS THROUGH (Input/Output)

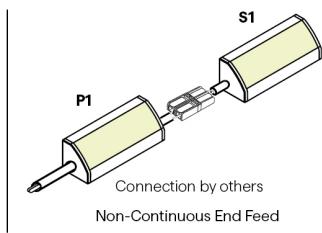


End Feed

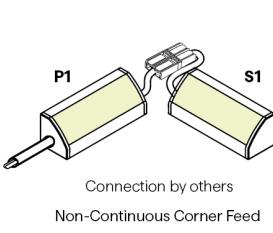
CONFIGURATION OPTIONS



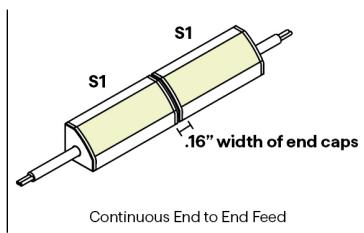
Single End Feed



Connection by others
Non-Continuous End Feed



Connection by others
Non-Continuous Corner Feed



Continuous End to End Feed

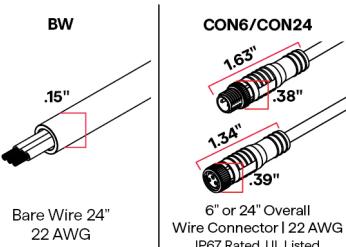


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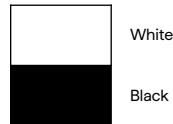
24VDC Linear Fixtures - Corner & Surface

8 / 9 CONNECTOR/WIRE – IN/OUT

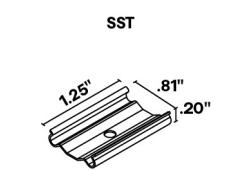
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



10 WIRE COLOR



12 MOUNTING

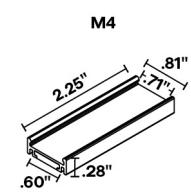


Stainless Steel Clip

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

To order separately use SST-01

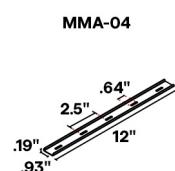
Each clip comes with a #4 x 5/8" Flat Head SS



Low Profile Magnet

One M4 provided per foot.

To order separately use MG-04

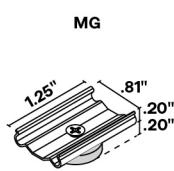


Magnet Mount Accessory for M4

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

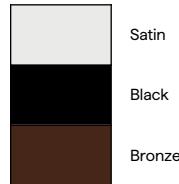


Magnet Clip

One MG provided per foot

To order separately use MG-01

13 FINISH



Satin

Black

Bronze

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



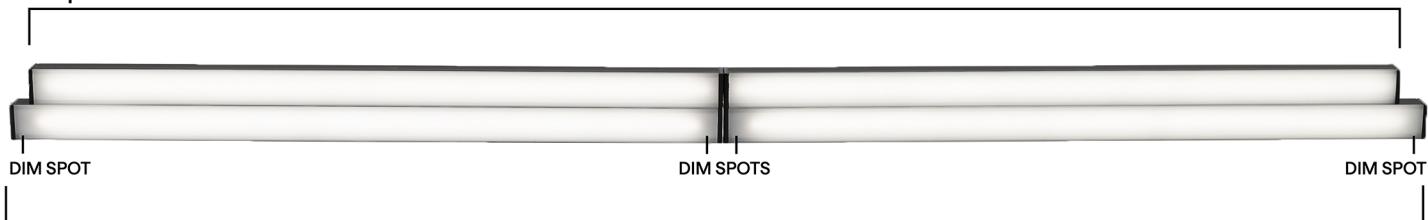
ESSENTIALS VEVE™-FLAT (01) SW-IA

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15 EXACT/OPTIMAL FIXTURE LENGTH

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

SW-IA DRY LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is $\pm 0 - 1/8"$. Consult factory for lengths under 12".

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
12"	.975"
13"	1.475"
14"	.3"-1.975"
15"	.8"
16"	1.3"
17"	1.8"
18"	.625"
19"	1.125"
20"	1.625"
21"	.45"
22"	.95"
23"	1.45"
24"	1.95"
36"	1.25"
48"	0.55"
60"	1.525"
72"	0.825"
84"	1.8"
96"	1.1"

OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1	P1
12"	 End Feed	10.71"
13"	 End Feed	10.71"
14"	 End Feed	10.71"
15"	 End Feed	14.06"
16"	 End Feed	14.06"
17"	 End Feed	14.06"
18"	 End Feed	17.41"
19"	 End Feed	17.41"
20"	 End Feed	17.41"
21"	 End Feed	20.76"
22"	 End Feed	20.76"
23"	 End Feed	20.76"
24"	 End Feed	20.76"
36"	 End Feed	34.16"
48"	 End Feed	47.56"
60"	 End Feed	57.61"
72"	 End Feed	71.01"
84"	 End Feed	81.06"
96"	 End Feed	94.46"

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has $\pm 0 - 5\%$ tolerance.

DIM TO LEVEL	INDOOR	
	SW-IA	
1%		QT-CAB-eLED+IA QTM-eLED+IA



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DIMMING PROTOCOL	INDOOR
	SW-IA
DMX	QT-CAB-eLED+IA QTM-eLED+IA

COMPATIBLE MOUNTING ACCESSORIES

1.41" x .71"	1.46" x 1.29"	1.46" x 4"	1.03" x .75"	1.38" x 2.23"	QUOVA Knife Edge	J Mounting Bracket	J Mounting Bracket	J Mounting Bracket	Backwards L Mounting Bracket
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	QUOVA Knife Edge	J Mounting Bracket	J Mounting Bracket	J Mounting Bracket	Backwards L Mounting Bracket
L Mounting Bracket	L Mounting Bracket	L Mounting Bracket	MMA-01	MMA-04					

COMPATIBLE WIRING ACCESSORIES

1.25" x 2"	2.27" x 2.80"	8ft barrel cable extender	Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	10ft Con cable extender	Splits lead from one to four LED Con connectors DRY/DMP/WET	Male con to barrel cable adaptor DRY/DMP
UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)					