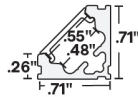
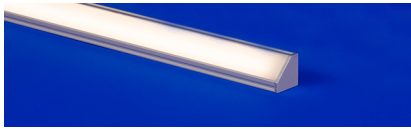




# ESSENTIALS VEVE™-FLAT (01)

## SW-IA

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
- Utilize DMX and SPI protocols to control nominal 1" segments of specifiable white LEDs

| 1       | 2         | 3   | 4     | 5          | 6    | 7                  | 8                  | 9                   | 10         | 11        | 12       | 13     | 14          | 15             |
|---------|-----------|-----|-------|------------|------|--------------------|--------------------|---------------------|------------|-----------|----------|--------|-------------|----------------|
| PRODUCT | WATTS/ FT | CCT | RATED | EFFICIENCY | LENS | WIRE INPUT/ OUTPUT | CONNECTOR/ WIRE IN | CONNECTOR/ WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
| VV1A    | 5.0       |     | DRY   | STD        |      |                    |                    |                     |            |           |          |        |             |                |

Sample Part Number: **VV1A-5.0-30-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

1

PRODUCT

VV1A

See following pages for compatible power supplies.

2

WATTS/FT

5.05.0W/ft

3

CCT

272700K  
303000K  
353500K  
404000K

4

RATED

DRYIP20

5

EFFICIENCY

STDStandard

6

LENS

DFDiffused  
PRPolar  
FRFrosted  
CLClear

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

S1Single 1 (Input only) - End Feed

P1Pass Through 1 (Input/output) - End Feed

8

CONNECTOR/WIRE IN

BWBare Wire (Standard 24")  
CON6Connector 6"  
CON24Connector 24"

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

BWBare Wire (Standard 24")  
CON6Connector 6"  
CON24Connector 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

CLSClosed End (No feed)

BWBare Wire (Standard 24")  
CON6Connector 6"  
CON24Connector 24"

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

10

WIRE COLOR

WHWhite  
BKBlack

11

WIRE TYPE

CL2Class 2  
CL2PPlenum Rated

CL2P only available with bare wire leads (BW)

12

MOUNTING

SSTStainless Steel  
M4Low Profile Magnet  
MGMagnet

13

FINISH

STSatin  
BKBlack  
BZBronze  
CUCustom

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

OOptimal Illumination  
EExact 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.

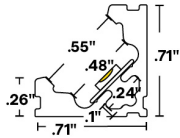
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



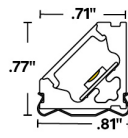
# ESSENTIALS VEVE™-FLAT (01) SW-IA

24VDC Linear Fixtures - Corner & Surface

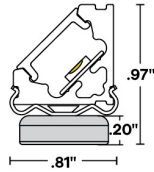
## 1 PRODUCT - DIMENSIONS



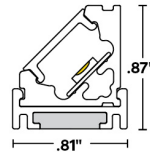
Profile



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

## 6 DIODE VISIBILITY



DF - Diffused lens

PR - Polar lens

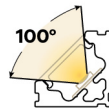
FR - Frosted lens

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°

## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

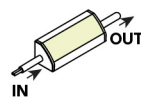
S1



End Feed

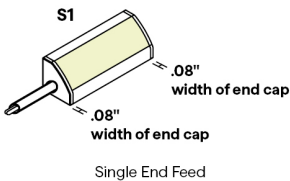
PASS THROUGH (Input/Output)

P1

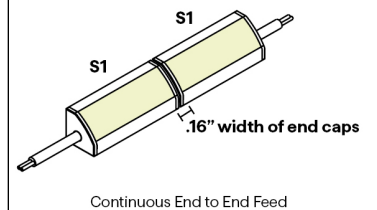
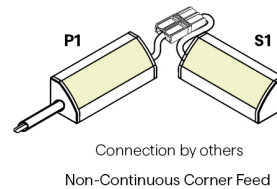
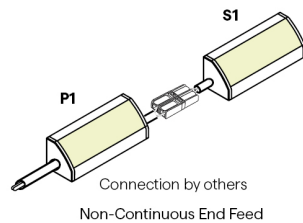


End Feed

## CONFIGURATION OPTIONS



Single End Feed



Continuous End to End Feed

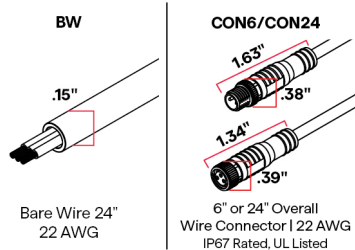


# ESSENTIALS VEVE™-FLAT (01) SW-IA

24VDC Linear Fixtures - Corner & Surface

## 8 / 9 CONNECTOR/WIRE - IN/OUT

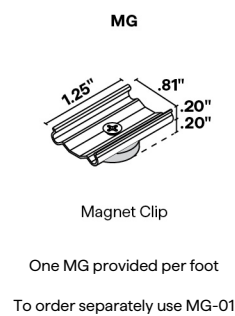
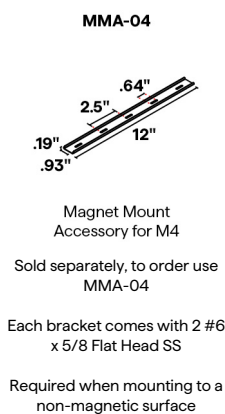
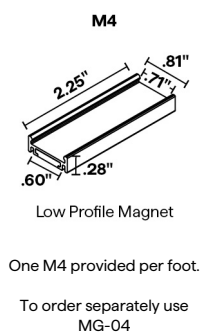
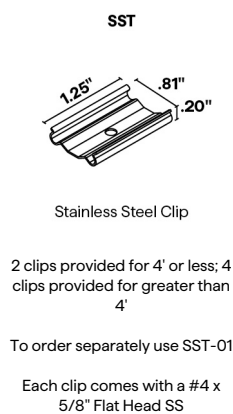
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



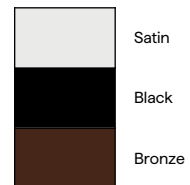
## 10 WIRE COLOR



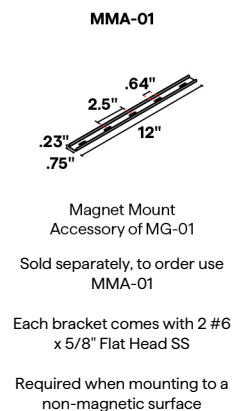
## 12 MOUNTING



## 13 FINISH



Custom finishes require a longer lead time, consult factory





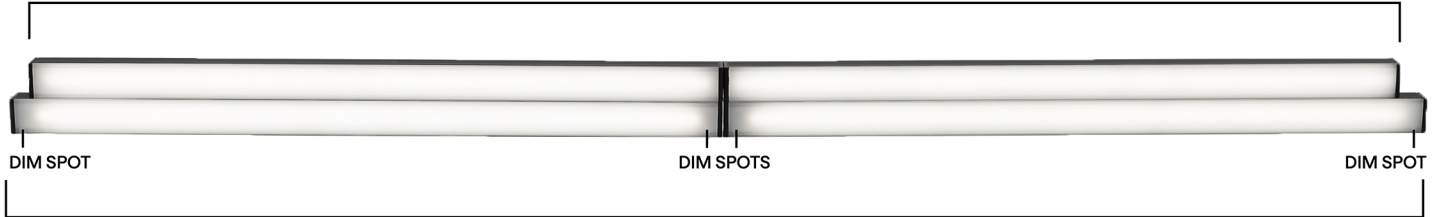
# ESSENTIALS VEVE™-FLAT (01) SW-IA

24VDC Linear Fixtures - Corner & Surface

## 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 +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  |
|--------------------------|---|---|
|                          | <br>End Feed | <br>End Feed |
| 12"                      | 10.46"  | 10.71"  |
| 13"                      | 10.46"  | 10.71"  |
| 14"                      | 13.81"  | 10.71"  |
| 15"                      | 13.81"  | 14.06"  |
| 16"                      | 13.81"  | 14.06"  |
| 17"                      | 13.81"  | 14.06"  |
| 18"                      | 17.16"  | 17.41"  |
| 19"                      | 17.16"  | 17.41"  |
| 20"                      | 17.16"  | 17.41"  |
| 21"                      | 20.51"  | 20.76"  |
| 22"                      | 20.51"  | 20.76"  |
| 23"                      | 20.51"  | 20.76"  |
| 24"                      | 23.86"  | 20.76"  |
| 36"                      | 33.91"  | 34.16"  |
| 48"                      | 47.31"  | 47.56"  |
| 60"                      | 57.36"  | 57.61"  |
| 72"                      | 70.76"  | 71.01"  |
| 84"                      | 80.81"  | 81.06"  |
| 96"                      | 94.21"  | 94.46"  |

## COMPATIBLE POWER SUPPLIES

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

| DIM TO LEVEL | INDOOR                        |
|--------------|-------------------------------|
|              | SW-IA                         |
| 1%           | QT-CAB-eLED+IA<br>QTM-eLED+IA |


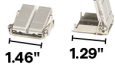



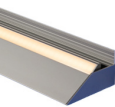







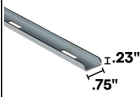
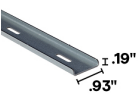


# ESSENTIALS VEVE™-FLAT (01) SW-IA


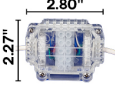





24VDC Linear Fixtures - Corner & Surface

| DIMMING<br>PROTOCOL | INDOOR                        |
|---------------------|-------------------------------|
|                     | SW-IA                         |
| DMX                 | QT-CAB-eLED+IA<br>QTM-eLED+IA |

## COMPATIBLE MOUNTING ACCESSORIES

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

## COMPATIBLE WIRING ACCESSORIES

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