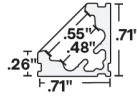




# ESSENTIALS VEVE™- ENCAPSULATED (03) STATIC COLOR

## 24VDC Linear Fixtures - Corner & Surface



- Corner and surface mount linear fixture with flat lens
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Encapsulation available in clear or translucent
- Suitable for indoor and outdoor locations (IK10)
- Mounting options include stainless steel clips, magnets, and low-profile magnet mounts
- Features painted end caps to match extrusion finish or clear end caps to achieve seamless appearance of long runs
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot per NEC regulations
- Red, Green, Blue or Amber LEDs available
- Q-Tran Red & Amber LED products are Florida Fish and Wildlife Conservation Commission certified, making them safe for turtles and other wildlife

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| 1       | 2         | 3   | 4     | 5          | 6    |
|---------|-----------|-----|-------|------------|------|
| PRODUCT | WATTS/ FT | CCT | RATED | EFFICIENCY | LENS |
| VV3SC   | 5.0       |     | ENC   | STD        |      |

### ADDITIONAL INFORMATION REQUIRED TO ORDER

| 7                     | 8                      | 9                       | 10               | 11                | 12         | 13        | 14       | 15     | 16          | 17                |
|-----------------------|------------------------|-------------------------|------------------|-------------------|------------|-----------|----------|--------|-------------|-------------------|
| WIRE INPUT/<br>OUTPUT | CONNECTOR<br>/ WIRE IN | CONNECTOR<br>/ WIRE OUT | INPUT END<br>CAP | OUTPUT END<br>CAP | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/<br>OPTIMAL |
|                       |                        |                         |                  |                   |            |           |          |        |             |                   |

Sample Part Number: **VV3SC-5.0-G-ENC-STD-TL-P1-BW-BW-STD-STD-BK-CL2-SST-ST-48"-E**

|   |  |  |   |   |  |
|---|--|--|---|---|--|
| <b>1</b><br><b>PRODUCT</b><br><b>VV3SC</b><br>See following pages for compatible power supplies.  | <b>2</b><br><b>WATTS/FT</b><br>5.0 5.0W/ft   | <b>3</b><br><b>CCT</b><br>A Amber<br>B Blue<br>G Green<br>R Red  | <b>4</b><br><b>RATED</b><br>ENC IP67  | <b>5</b><br><b>EFFICIENCY</b><br>STD Standard | <b>6</b><br><b>LENS</b><br>CL Clear<br>TL Translucent<br>For representation of LED visibility, see Diode Visibility section on following pages.<br>For beam angles, see Photometric Performance section on following pages |
| <b>7</b><br><b>WIRE INPUT/OUTPUT</b><br>SINGLE (Input only)<br>S1 End Feed<br><br>PASS THROUGH (Input/output)<br>P1 End Feed                  | <b>8</b><br><b>CONNECTOR/WIRE IN</b><br>BW Bare Wire (Standard 24")<br>BRL Barrel<br>CON6 Connector 6"<br>CON24 Connector 24"<br><br>BW Bare Wire (Standard 24")<br>BRL Barrel<br>CON6 Connector 6"<br>CON24 Connector 24" | <b>9</b><br><b>CONNECTOR/WIRE OUT</b><br>CLS Closed End (No feed)<br><br>BW Bare Wire (Standard 24")<br>BRL Barrel<br>CON6 Connector 6"<br>CON24 Connector 24" |   |   |  |
| <b>10</b><br><b>INPUT END CAP</b><br>STD Standard<br>CL Clear<br>STD - End cap matches fixture finish chosen<br>Select CL for continuous runs | <b>11</b><br><b>OUTPUT END CAP</b><br>STD Standard<br>CL Clear<br>STD - End cap matches fixture finish chosen<br>Select CL for continuous runs   | <b>12</b><br><b>WIRE COLOR</b><br>WH White<br>BK Black<br>N/A For Barrel   | <b>13</b><br><b>WIRE TYPE</b><br>CL2 Class 2<br>CL2P Plenum Rated<br>N/A For Barrel<br>CL2P only available with bare wire leads (BW)  |   |  |
| <b>14</b><br><b>MOUNTING</b><br>SST Stainless Steel<br>M4 Low Profile Magnet<br>MG Magnet   | <b>15</b><br><b>FINISH</b><br>ST Satin<br>BK Black<br>BZ Bronze<br>CU Custom<br>Custom finishes require a longer lead time, consult factory  | <b>16</b><br><b>LENGTH (IN)</b><br>Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".                      | <b>17</b><br><b>EXACT/OPTIMAL</b><br>O Optimal Illumination<br>E Exact Specified Length<br>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. |   |  |



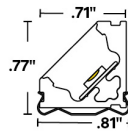
# ESSENTIALS VEVE™-ENCAPSULATED (03) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

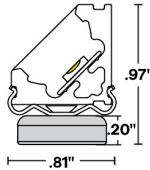
## 1 PRODUCT - DIMENSIONS



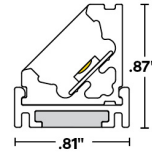
Profile



Profile with stainless steel mounting clip



Profile with magnet mounting clip



Profile with low profile magnet

## 2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]

Tested with VV3SC-5.0-\*\*-ENC-STD

|    | Red   |            | Green |            | Blue  |            | Amber |            |
|----|-------|------------|-------|------------|-------|------------|-------|------------|
|    | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH |
| CL | 60    | 633        | 326   | 517        | 85    | 466        | 54    | 597        |
| TL | 39    | 633        | 211   | 517        | 55    | 466        | 35    | 597        |

## 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

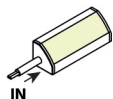
## TEMPERATURE RATINGS

|                                  | 5.0 W/FT |       |
|----------------------------------|----------|-------|
|                                  | Min      | Max   |
| Ambient Operating Temp - Surface | -4°F     | 110°F |

## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

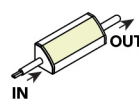
S1



End Feed

PASS THROUGH (Input/Output)

P1



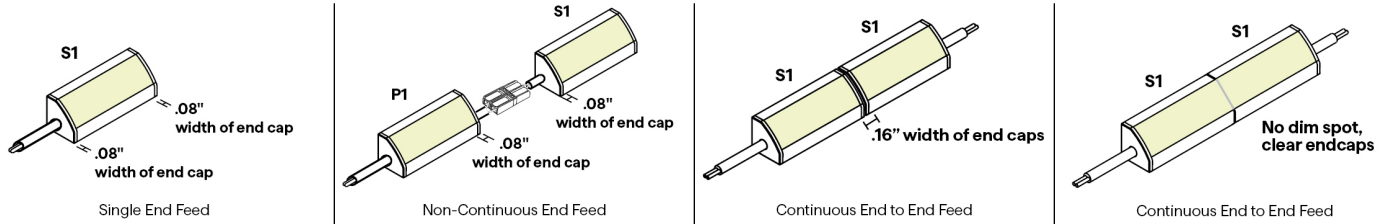
End Feed



# ESSENTIALS VEVE™-ENCAPSULATED (03) STATIC COLOR

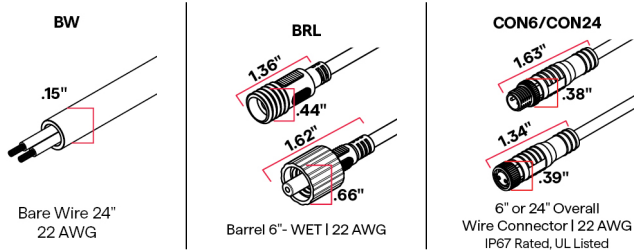
24VDC Linear Fixtures - Corner & Surface

## CONFIGURATION OPTIONS

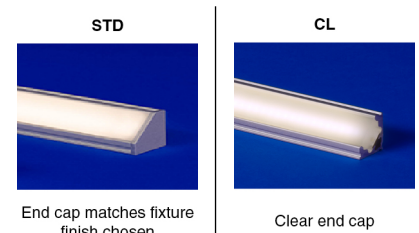


## 8 / 9 CONNECTOR/WIRE – IN/OUT

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



## 10 / 11 END CAP – IN/OUT





# ESSENTIALS VEVE™-ENCAPSULATED (03) STATIC COLOR

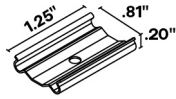
24VDC Linear Fixtures - Corner & Surface

## 12 WIRE COLOR



## 14 MOUNTING

### SST



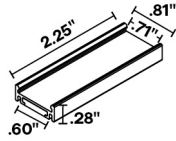
Stainless Steel Clip

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 screw

### M4

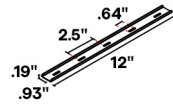


Low Profile Magnet

One M4 provided per foot

To order separately use MG-04

### MMA-04



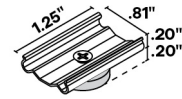
Magnet Mount Accessory for M4

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

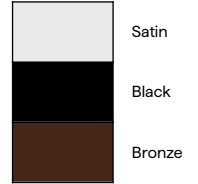


Magnet Clip

One MG provided per foot

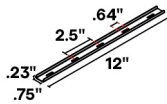
To order separately use MG-01

## 15 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

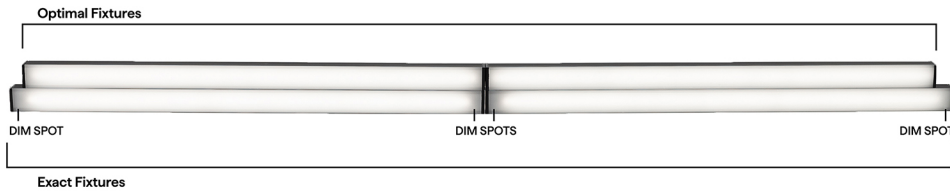
Required when mounting to a non-magnetic surface

## 17 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™-ENCAPSULATED (03) STATIC COLOR

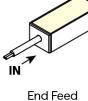
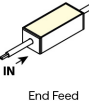
24VDC Linear Fixtures - Corner & Surface

## SC ENC LENGTHS BY INCH

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 fixture<br><br>S1<br> |
|------------------|---|
| 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<br> | P1<br> |
|--------------------------|---|---|
| 12"                      | 11.59"  | 11.34"  |
| 13"                      | 12.59"  | 12.34"  |
| 14"                      | 13.59"  | 13.34"  |
| 15"                      | 14.59"  | 14.34"  |
| 16"                      | 15.59"  | 15.34"  |
| 17"                      | 16.59"  | 16.34"  |
| 18"                      | 17.59"  | 17.34"  |
| 19"                      | 18.59"  | 18.34"  |
| 20"                      | 19.59"  | 19.34"  |
| 21"                      | 20.59"  | 20.34"  |
| 22"                      | 21.59"  | 21.34"  |
| 23"                      | 22.59"  | 22.34"  |
| 24"                      | 23.59"  | 23.34"  |
| 36"                      | 35.59"  | 35.34"  |
| 48"                      | 47.59"  | 47.34"  |
| 60"                      | 59.59"  | 59.34"  |
| 72"                      | 71.59"  | 71.34"  |
| 84"                      | 83.59"  | 83.34"  |
| 96"                      | 95.59"  | 95.34"  |

## COMPATIBLE POWER SUPPLIES

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

| DIM TO LEVEL | INDOOR   | OUTDOOR   |
|--------------|--|---|
|              | SC   | SC  |
| Dim to Black | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH+QD1  | QOM-DC+CAP<br>QOM-PH  |
| 0.1%         | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-DMX<br>Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QOM-eLED+DALI-DT6<br>QOM-eLED+PS-DALI-DT6<br>QZ-DMX<br>QZ-PH/0-10V |
| 1%           | QTM-eLED(E)<br>QZ-DALI-DT6   | Q-SET+QZ-DALI-DT6<br>QZ-DALI-DT6  |
| 10%          | Non-Dim Power Supply with SW App Dongle  |   |


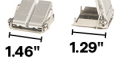




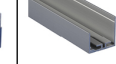
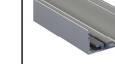
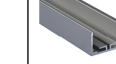
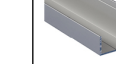
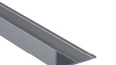
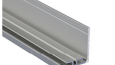
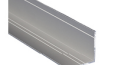





# ESSENTIALS VEVE™-ENCAPSULATED (03) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

| DIMMING PROTOCOL | INDOOR   | OUTDOOR  |
|------------------|--|--|
|                  | SC   | SC   |
| Non-Dim          | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND   | Q-SET-QZ-ND<br>Q-SET-eLED-ND<br>QOM-eLED-ND<br>QZ-ND                   |
| Phase            | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH+QD1           | Q-SET-QZ-PH/0-10V<br>QOM-DC+CAP<br>QOM-PH<br>QZ-PH/0-10V               |
| 0-10V            | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QZ-PH/0-10V |
| Lutron Athena    | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN   |  |
| ECO System       | QTM-eLED(E)  |  |
| DMX              | QZ-DMX   | Q-SET-QZ-DMX<br>QZ-DMX   |
| DALI-2: DT6      | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6  | Q-SET+QZ-DALI-DT6<br>QOM-eLED+DALI-DT6<br>QZ-DALI-DT6                  |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle  |  |

## COMPATIBLE MOUNTING ACCESSORIES


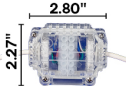



|  |  |   |  |  |  |  |  |  |  |
|--|--|---|--|--|--|--|--|--|--|
| <b>HINGE - HMB-M</b><br><br>1.41"<br>.71"<br>Adjustable mounting bracket - Medium | <b>HINGE - HMB-L</b><br><br>1.46"<br>1.29"<br>Adjustable mounting bracket - Large | <b>HINGE - HMB-XL</b><br><br>4"<br>1.46"<br>Adjustable mounting bracket - 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-MEDIUM</b><br><br>J Mounting Bracket | <b>NJ-LARGE</b><br><br>J Mounting Bracket | <b>NU-LARGE</b><br><br>U 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 |  |  |  |  |



# ESSENTIALS VEVE™-ENCAPSULATED (03) STATIC COLOR

24VDC Linear Fixtures - Corner & Surface

## COMPATIBLE WIRING ACCESSORIES

|  |   |   |  |  |
|--|---|---|--|--|
| <b>Q-mini-J</b><br><br>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | <b>Q-mini-J5</b><br><br>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | <b>BARREL-EXT</b><br><br>8ft barrel cable extender<br>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<br>DRY/DMP/WET |
|--|---|---|--|--|

## COMPATIBLE APPS

**NFC APP**  
  
Read and write DMX addresses and adjust voltage