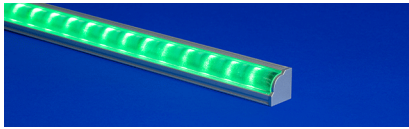




ESSENTIALS VEVE™-OPTICS (02)

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)

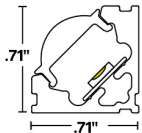
| 11 | 12 | 13 | 14 | 15 |
|---|--|---|--|--|
| WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/OPTIMAL |
| CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW) | SST Stainless Steel M4 Low Profile Magnet MG Magnet | ST Satin BK Black BZ Bronze CU Custom Custom finishes require 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. |



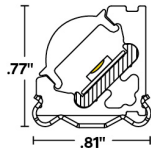
ESSENTIALS VEVE™-OPTICS (02) RGB

24VDC Linear Fixtures - Corner & Surface

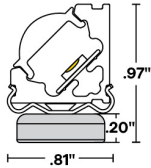
1 PRODUCT - DIMENSIONS



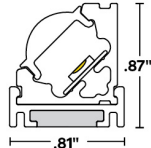
Profile with optical lens



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)



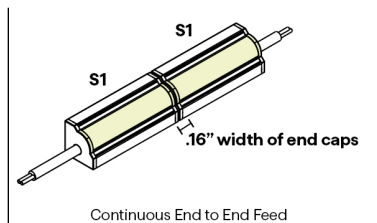
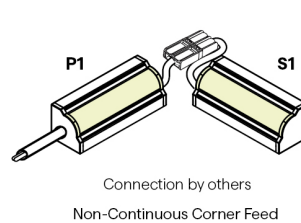
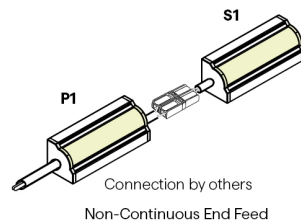
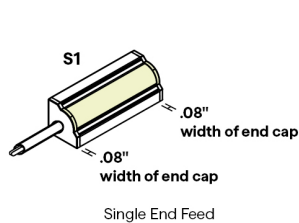
End Feed

PASS THROUGH (Input/Output)



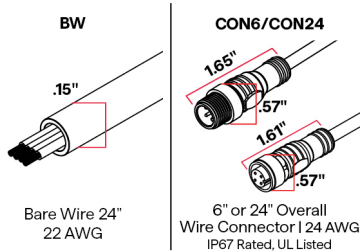
End Feed

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



10 WIRE COLOR





ESSENTIALS VEVE™-OPTICS (02) RGB

24VDC Linear Fixtures - Corner & Surface

12 MOUNTING

SST



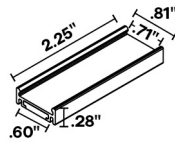
Stainless Steel Clip

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

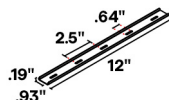


Low Profile Magnet

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

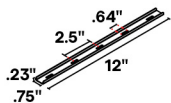


Magnet Clip

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



Satin

Black

Bronze

Custom finishes require a longer lead time, consult factory

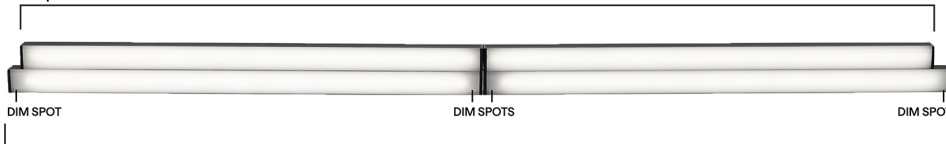
14 EXACT/OPTIMAL FIXTURE LENGTH

[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.

Optimal Fixtures



Exact Fixtures



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 |


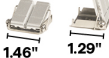



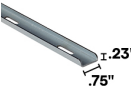

| DIMMING PROTOCOL | INDOOR |
|------------------|--|
| | RGB |
| DMX | QTM-eLED+DMX QZ-DMX |
| DALI-2: DT8 | QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8 |



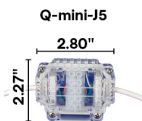
ESSENTIALS VEVE™-OPTICS (02) RGB

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



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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

