

# V-LINE *RGBW*



## SPECIFICATION GUIDE

### SACO V-LINE GEN 6 | DIRECT & INDIRECT VIEW

The V-LINE highly adaptable direct or indirect view fixture, with high lumen packages, high CRI (when using RGBW version,) with pixel cluster control and Micro-Mapping as standard.

Numerous mounting opportunities with rear thread pattern and side clipping features built into the sturdy diecast housing.

The V-LINE comes in a standard 1ft / 304mm length (other lengths available upon request,) available in high or low power variants and is controllable exclusively via SACO V-STREAM proprietary protocol.

#### BUILT TO LAST

Sturdy construction built for outdoor endurance.  
Auto-Addressing for easy field-servicing.

#### COMPACT SIZE

Ultra-Compact design and remote V-BRAIN power allows for low-profile installation and discreet integration.

#### MODULAR

Build the perfect performer by continuing and stacking fixtures to suit.

#### HEAT MANAGEMENT

Efficient heat dissipation.

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# V-LINE RGBW

## FEATURES GUIDE



### PHYSICAL

|              |  |
|--------------|--|
| CONSTRUCTION | Painted aluminum body for added rigidity   |
| MOUNTING     | Self-Aligning system for quick and consistent installation<br>Front mounted system |
| WEIGHT       | 500mm = 313.5g (lbs)<br>300mm = 179g (lbs)   |

### THERMAL

|                |                                |
|----------------|--------------------------------|
| OPERATING TEMP | -40°F to 140°F (-40°C to 60°C) |
|----------------|--------------------------------|

### ELECTRICAL

|               |  |
|---------------|--|
| INPUT VOLTAGE | 44-54VDC (48 VDC Typical)  |
| POWER         | 500mm = 19.85w/m<br>300mm = 11.98w/m   |
| CONTROL INPUT | SACO SVB V-BRAIN Controller, varying levels of power available<br>SACO V-STREAM Video Protocol |
| JUMPER CABLE  | Length 235mm   |
| LEAD CABLE    | Lead Cable length 140m max<br>2C (16AWG) = 4C (24AWG)<br>Bending radius: 20mm                  |
| DAISY CHAINS  | 5.0m with 140m lead cable (up to 9.0m with 30m lead cable)                                     |

### LIGHT OUTPUT

|                  |   |
|------------------|---|
| PIXEL TYPE       | 500 = 10 x 8 High Brightness LEDs by Nichia<br>300 = 6 x 8 High Brightness LEDs by Nichia                             |
| PIXEL PITCH      | 50mm (1.96in)   |
| PIXEL COUNT      | 6/10 (300mm/500mm)  |
| LUMEN OUTPUT     | RGB: 393.4lm (300mm) / 635.0lm (500mm)<br>RGBW: 447lm (300mm) / 733lm (500mm)<br>White: 594lm (300mm) / 992lm (500mm) |
| COLOR DEPTH      | 16-bit High Color per channel (65,536 shades per channel)<br>Up to 64-bit Deep Color per pixel (confirm with MARC)    |
| VIEWING ANGLE    | Beam angle: 110°<br>Field angle: 160°   |
| VIEWING DISTANCE | > 30ft (10m)  |

### ACCESSORIES

|             |  |
|-------------|--|
| CONTROLLERS | Multiple SACO video control options are available<br>See Accessories Guide for options |
|-------------|--|

### ADDITIONAL INFORMATION

|          |                                    |
|----------|------------------------------------|
| WARRANTY | 5 Years                            |
| ORIGIN   | Designed and Made in North America |

### CERTIFICATION

|        |                                     |
|--------|-------------------------------------|
| RATING | IP66, IP67 suitable for outdoor use |
|--------|-------------------------------------|



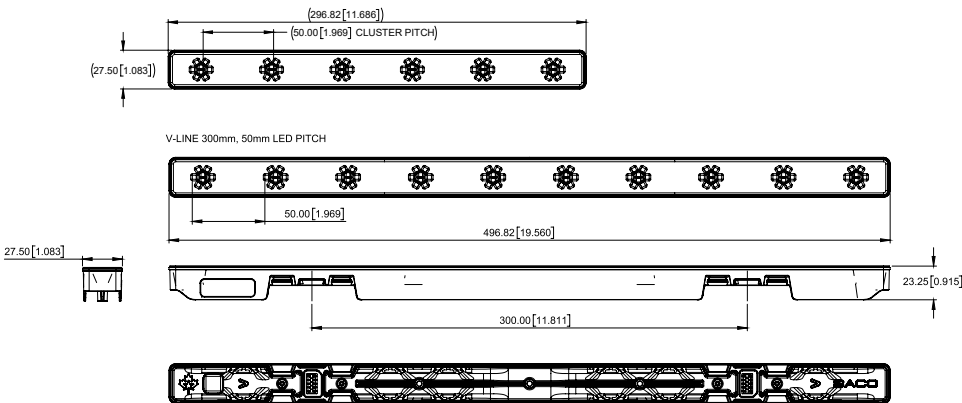
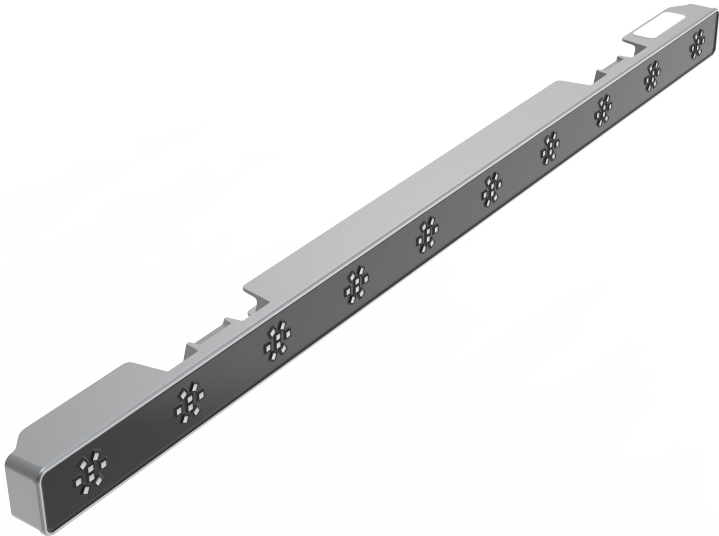
#### DESIGNED and manufactured in North America.

Specifications and characteristics shown in this document reflect the product baseline. Some specifications and characteristics can be modified and/or improved if requested by the client.

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## ORDERING GUIDE



### PRODUCT ORDERING CODE

|             |   |
|-------------|---|
|             | <b>MODEL #</b>                              |
|             | <b>NOMINAL LENGTH</b>                       |
| <b>500</b>  | 19.7" (500mm)                               |
| <b>300</b>  | 11.8" (300mm)                               |
| <b>50mm</b> | <b>LED PITCH</b>                            |
|             | <b>COLOR LIGHT SOURCE</b>                   |
| <b>RGB</b>  | <b>6411K</b> (300mm) / <b>6582K</b> (500mm) |
| <b>RGBW</b> | <b>2927K</b> (300mm) / <b>2953K</b> (500mm) |
| <b>W</b>    | <b>2980K</b> (300mm) / <b>2982K</b> (500mm) |
|             | <b>BODY FINISH</b>                          |
| <b>LP</b>   | Liquid Paint                                |
| <b>--</b>   | Custom Finish, please specify               |
|             | <b>FINISH COLOR</b>                         |
| <b>ST</b>   | Stainless Color                             |
| <b>C</b>    | Carbon Color                                |
| <b>CH</b>   | Champagne Color                             |
| <b>AU</b>   | Gold Color                                  |
| <b>BZ</b>   | Bronze Color                                |
| <b>--</b>   | Custom Finish, please specify               |
|             | <b>FACE FINISH</b>                          |
| <b>GR</b>   | Grey (High Gloss silicone)                  |
| <b>WH</b>   | White (High Gloss silicone)                 |
| <b>BK</b>   | Black (High Gloss silicone)                 |
| <b>CH</b>   | Charcol (High Gloss silicone)               |



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