



ACTUAL SIZE



SHOCKWAVE V-STICK S2 | COLOR SERIES

The SACO Shockwave V-STICK S2 is a stylish, compact, easily dissimulated video fixture using high-performance LEDs to deliver uninterrupted lines of light. Each pair of RGB LEDs is a pixel that is controlled and can display anything from uniform static colors to dynamic video lighting effects. The V-STICK S2 is a perfect direct-view linear light tool for clean architectural integration.

V-STICK S2 comes in two sizes. 300mm and 500mm. Custom colors are available.

HIGH RESOLUTION SACO's proprietary V-STREAM high-speed, high-resolution video pixel control.

16-bit data sampling for silky smooth dimming, with 65,536 shades per color

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

Ultra-compact design and remote V-BRAIN power allows for low-profile

installation and discreet integration.

MODULARBuild the perfect performer by combining and stacking fixtures to suit.

No tools required quick connectivity

HEAT MANAGEMENT Efficient heat dissipation. No dirt traps.

BUILT TO LAST

COMPACT SIZE





FEATURES GUIDE



PHYSICAL

CONSTRUCTION Injection molded UV-stabilized polycarbonate resin

Laser cut and anodized aluminum back plate for added rigidity

Sturdy stainless steel hardware

Outdoor rated silicone rubber electronics potting

MOUNTING Injection molded guarter-turn cam locks

Self-aligning system for quick and consistent installation

Injection molded linear spring connector clips

Locking device is designed so that fastening is easily seen and clicks when in place

WEIGHT 0.3lbs (0.14kg)/0.2lbs (0.08kg)

THERMAL

OPERATING TEMP -40°F to 185°F (-40°C to 85°C)

ELECTRICAL

INPUT VOLTAGE 44-54VDC (48 VDC Typical)

POWER 17W/10.2W Maximum @ full white (500mm/300mm)

CONTROL INPUT SACO SVB V-Brain controller, varying levels of power available

SACO V-Stream Video Protocol

CABLE 6-conductor lead cables for carrying power and data to fixture daisy chains

6-conductor flat jumper cables for low profile integration of systems

DAISY CHAINS Max chain length 21ft (6.4m) for lead cables < 328ft (100m) (V-Brain 1600)

Max chain length 15ft (4.8m) for max lead cable of 426ft (130m) (V-Brain 1600) Other combinations available, varies on V-Brain configuration. For more details

contact SACO

LIGHT OUTPUT

PIXEL TYPE High brightness 3-in-1 pairs of LED by Nichia

PIXEL PITCH 1.0" (25mm)

PIXEL COUNT 20/12 (500mm/300mm)

COLOR DEPTH 16-bit High Color per channel (65,536 shades per channel)

48-bit Deep Color per pixel (281 trillions shades per pixel)

VIEWING ANGLE Beam angle: 110°

Field angle: 160°

VIEWING > 30ft (10m)

DISTANCE

SHOCKWAVE ACCESSORIES

CONTROLLERS Multiple Shockwave video control options are available

See accessories guide for options

ADDITIONNAL INFORMATION

CERTIFICATION IP 65, suitable for wet locations

WARRANTY 5 years

ORIGIN Designed and made in North America









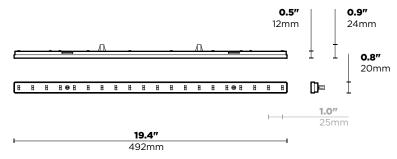






SPECIFICATIONS GUIDE





500MM VERSION.
(PIXEL PITCH IN GREY)



PRODUCT ORDERING CODE

MODEL# **NOMINAL LENGTH** 19,7" (500mm) 300 11,8" (300mm) **COLOR LIGHT SOURCE** RGB (Max 34W/meter @ full-on RGB 600lm approx, color-changing) **PIXEL PITCH** 25 1,0" (25mm) **BODY FINISH** GR Grey (high gloss polycarbonate) Custom, please specify **FACE FINISH** GR Grey (high gloss silicone) WH White (high gloss silicone) Black (high gloss silicone) BL Custom, please specify

FACE FINISH OPTIONS

GREY



BLACK









PHOTOMETRICS GUIDE













A NOTE ON PERFORMANCE

COLORED LIGHT

All of the photometrics below are based on a full-on RGB light source (-RGB), and individual channel measurements (Red, Green, Blue) on a V-Stick S2 500mm and 300mm fixture.

Beam angle (FWHM) may vary depending on specified light color and surface finish.

Photometric performance is measured in compliance with IESNA LM-79-08.

Consult SACO website for the latest IES files.

