

ACTUAL SIZE

S V-STICK S

SHOCKWAVE V-STICK S | COLOR SERIES

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

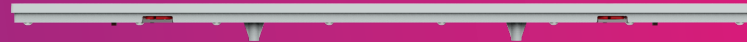
V-STICK S comes in two sizes, 300mm and 500mm. Custom colors are available.

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.
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 combining and stacking fixtures to suit. No tools required quick connectivity.
HEAT MANAGEMENT	Efficient heat dissipation. No dirt traps.

SACO



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 quarter-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)
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ELECTRICAL

INPUT VOLTAGE	44-54VDC (48 VDC Typical)
POWER	8.5W/5.1W 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 42ft (12.8m) for lead cables < 328ft (100m) (V-Brain 1600) Max chain length 31ft (9.6m) 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 LEDs 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 DISTANCE	> 30ft (10m)

SHOCKWAVE ACCESSORIES

CONTROLLERS	Multiple Shockwave video control options are available See accessories guide for options
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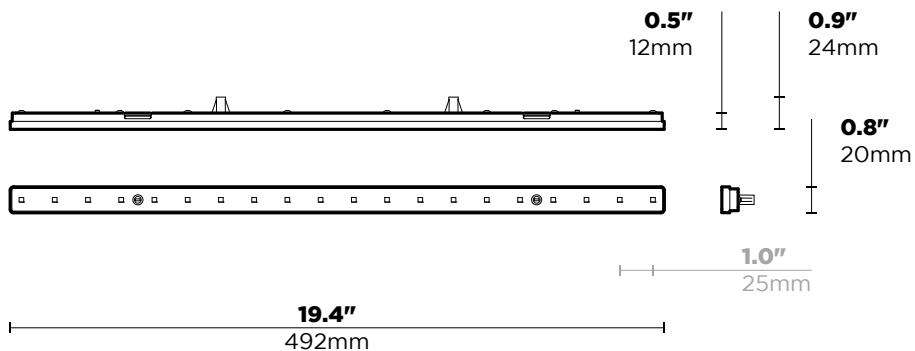
ADDITIONAL INFORMATION

CERTIFICATION	IP 65, suitable for wet locations
WARRANTY	5 years
ORIGIN	Designed and made in North America





SPECIFICATIONS GUIDE



-V-STICK 500 VERSION.
(PIXEL PITCH IN GREY)

PRODUCT ORDERING CODE

<input type="text"/>	MODEL #
<input type="text"/>	NOMINAL LENGTH 500 19,7" (500mm) 300 11,8" (300mm)
<input type="text"/>	COLOR LIGHT SOURCE RGB RGB (Max 17W/meter @ full-on RGB 300lm approx, color-changing)
<input type="text"/>	PIXEL PITCH 25 1,0" (25mm)
<input type="text"/>	STARTER CABLE HARNESS CONNECTOR Q Quick connector ¹ (6-pin, overmolded IP67) ¹ Standard option, 6-conductor maximum cable length is 2' (0.6m), see below.
<input type="text"/>	STARTER CABLE HARNESS NOMINAL LENGTH 600.6 6-conductor, 2' (0.6m) ² ² Default length option, comes fitted with 6-pin quick connector only (-Q, see above).
<input type="text"/>	BODY FINISH GR Grey (high gloss polycarbonate) -- Custom, please specify
<input type="text"/>	FACE FINISH GR Grey (high gloss silicone) WH White (high gloss silicone) BL Black (high gloss silicone) -- Custom, please specify

FACE FINISH OPTIONS

GREY



WHITE



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 S 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.

