

V-STICK S



ACTUAL SIZE

SPECIFICATION GUIDE

SACO V-STICK S | DIRECT VIEW

The SACO 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.

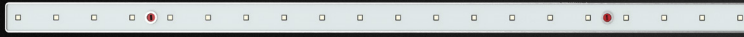
V-STICK S comes in two sizes, 300mm and 500mm. Custom colors are available.

- 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

V-STICKS

FEATURES GUIDE



PHYSICAL

CONSTRUCTION Painted aluminum body
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
Front mounted system (rear mounting option available)

WEIGHT 0.38lbs (0.175kg)/0.22lbs (0.100kg)

THERMAL

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

ELECTRICAL

INPUT VOLTAGE 44-54VDC (48 VDC Typical)

POWER 17W/m maximum @ full white (500mm | 25mm 1×RGB)

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

JUMPER CABLE Length 88mm
Mating cycles for jumpers & starter: 100 times

LEAD CABLE Lead cable length 130m
(16AWG) + 4C (24AWG)
Bending radius: less than 20mm

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)

ACCESSORIES

CONTROLLERS Multiple SACO video control options are available
See accessories guide for options

ADDITIONAL INFORMATION

WARRANTY 5 years

ORIGIN Designed and made in North America

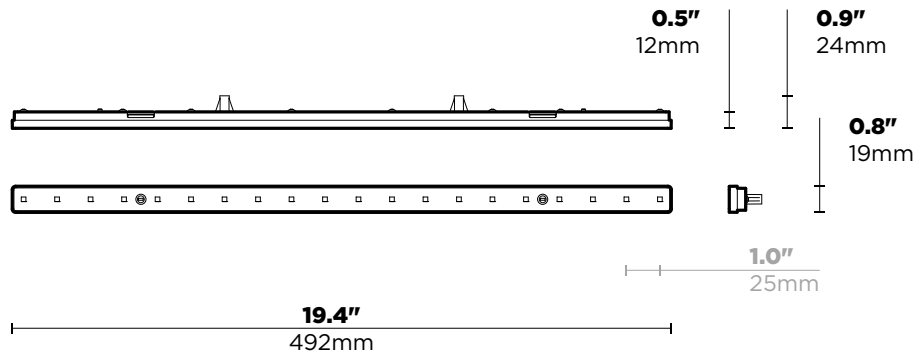
CERTIFICATION

RATING IP 65, suitable for outdoor use



V-STICKS

ORDERING GUIDE



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

PRODUCT ORDERING CODE

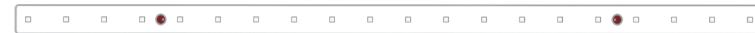
<input type="text"/>	MODEL #
<input type="text"/>	NOMINAL LENGTH
	500 19,7" (500mm)
	300 11,8" (300mm)
<input type="text"/>	COLOR LIGHT SOURCE
	RGB RGB (Max 17W/meter @ full-on RGB 300lm approx, color-changing)
<input type="text"/>	PIXEL PITCH
	25 1,0" (25mm)
<input type="text"/>	STARTER CABLE HARNESS 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
	AL Anodized aluminum
	-- 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



V-STICKS

PHOTOMETRICS

A NOTE ON PERFORMANCE

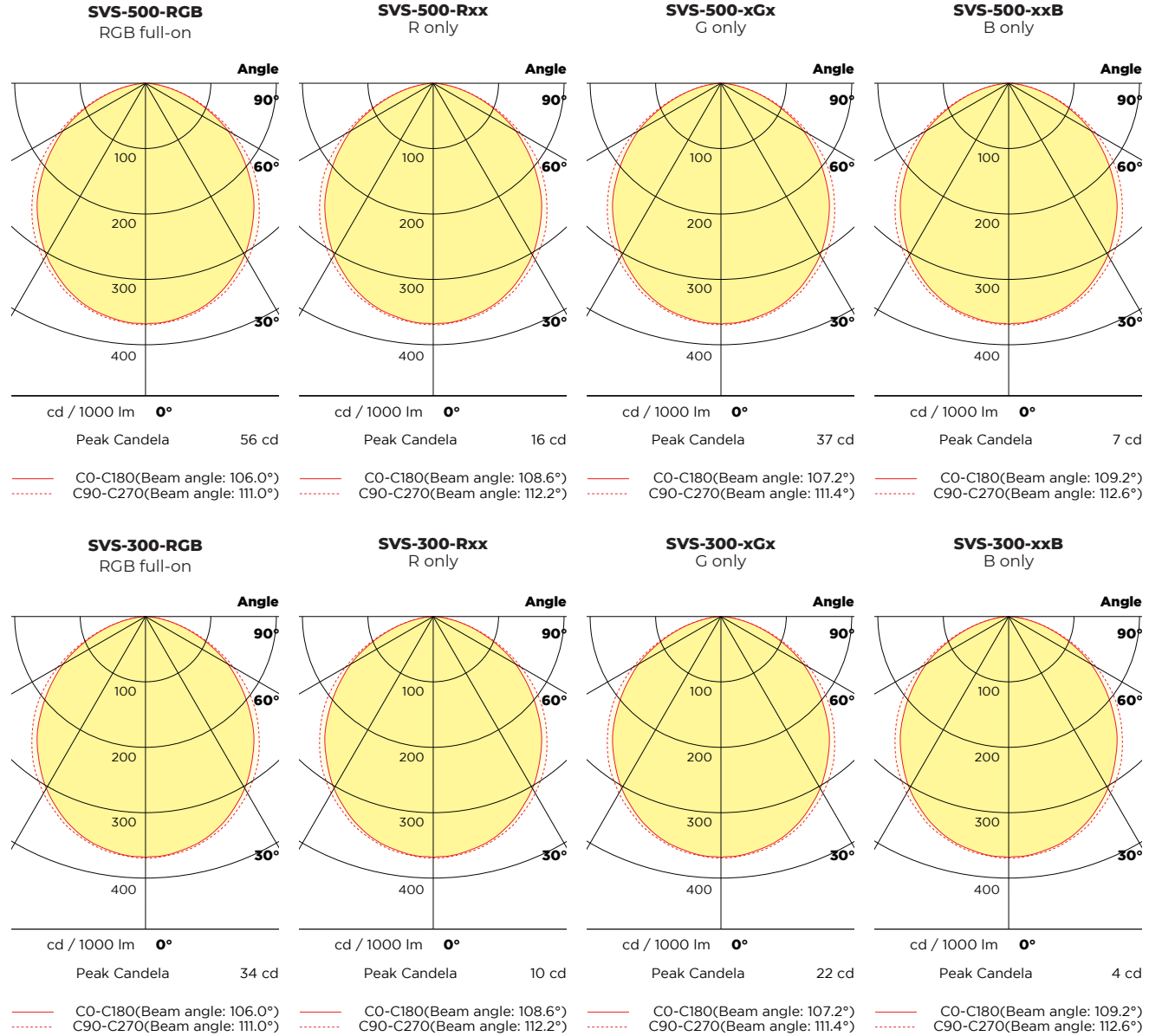
COLORED LIGHT

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.



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