

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.

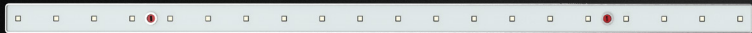
V-STICK S comes in two sizes, 300mm and 500mm. Custom colors are available.

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	Anodized aluminum body 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 Front mounted system (rear mounting option available)
WEIGHT	0.3lbs (0.14kg)/0.2lbs (0.08kg)

THERMAL

OPERATING TEMP	-40°F to 167°F (-40°C to 75°C)
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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
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ADDITIONAL INFORMATION

WARRANTY	5 years
ORIGIN	Designed and made in North America

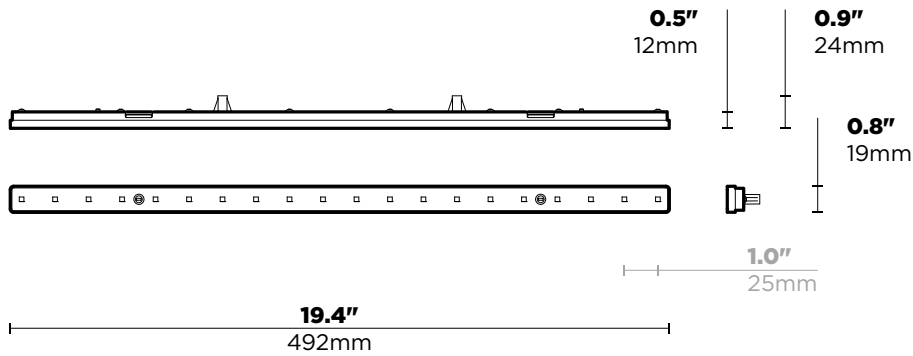
CERTIFICATION

RATING	IP 65, suitable for outdoor use
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V-STICKS

ORDERING GUIDE



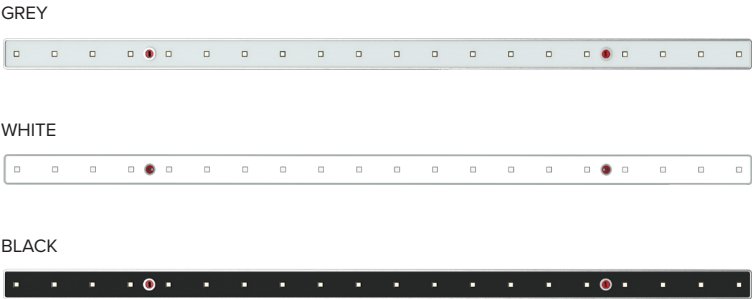
-V-STICK 500 VERSION.
(PIXEL PITCH IN GREY)



PRODUCT ORDERING CODE

	MODEL #
	NOMINAL LENGTH
500	19,7" (500mm)
300	11,8" (300mm)
	COLOR LIGHT SOURCE
RGB	RGB (Max 17W/meter @ full-on RGB 300lm approx, color-changing)
	PIXEL PITCH
25	1,0" (25mm)
	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.
	STARTER CABLE HARNESS NOMINAL LENGTH
600.6	6-conductor, 2' (0.6m) ²
	BODY FINISH
AL	Anodized aluminum
	Custom, please specify
	FACE FINISH
GR	Grey (high gloss silicone)
WH	White (high gloss silicone)
BL	Black (high gloss silicone)
--	Custom, please specify

FACE FINISH OPTIONS



V-STICK S

PHOTOMETRICS

A NOTE ON PERFORMANCE

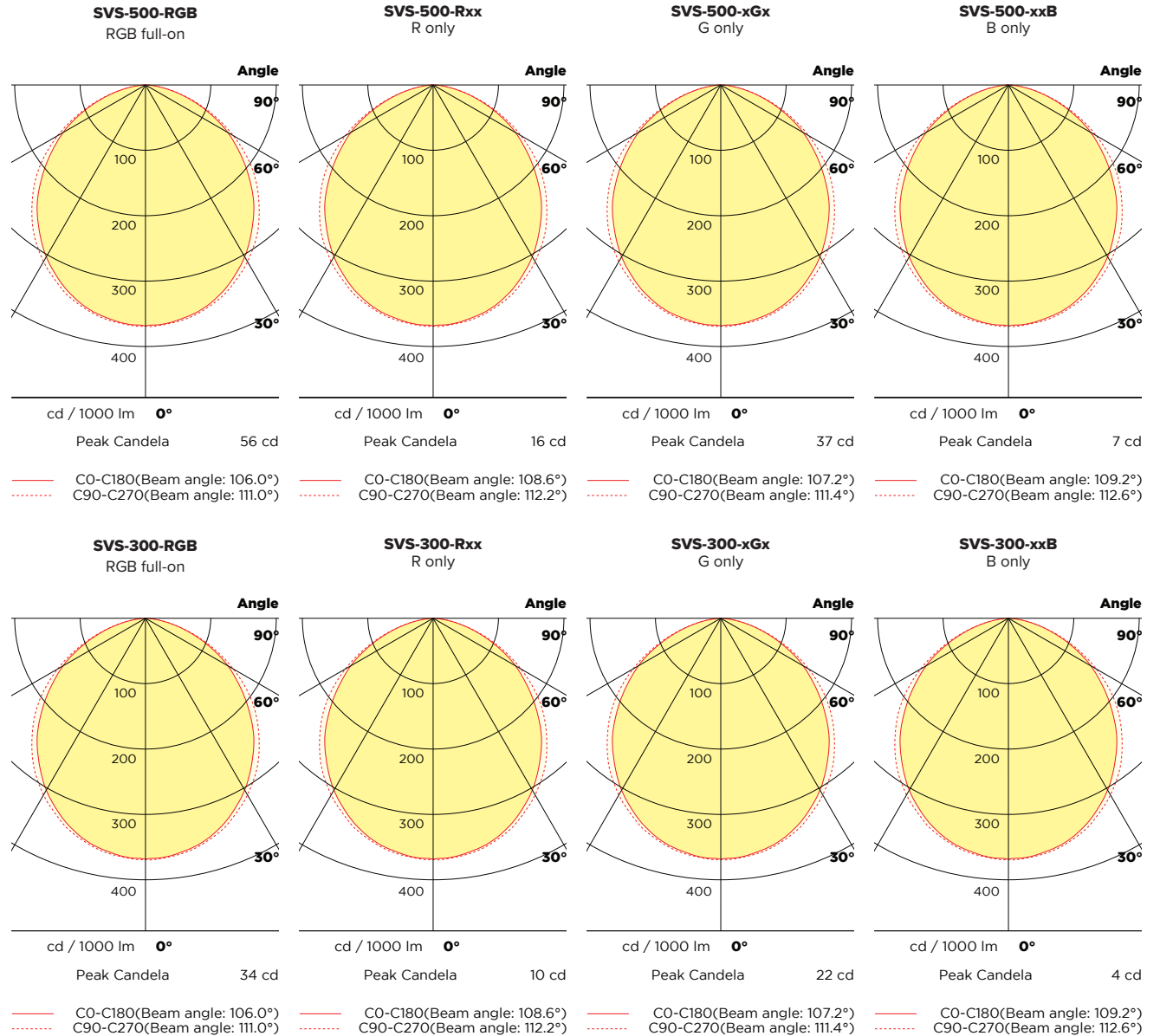
COLORED LIGHT

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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