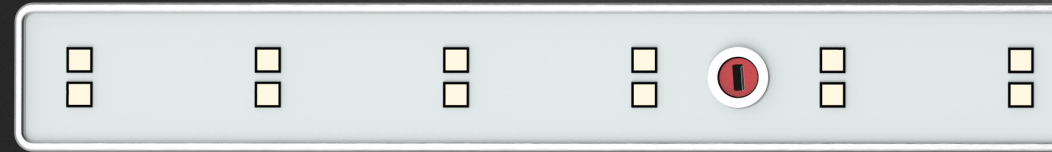


V-STICK S2



ACTUAL SIZE

SPECIFICATION GUIDE

SACO V-STICK S2 | DIRECT VIEW

The SACO V-STICK S2 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 S2 is a perfect direct-view linear light tool for clean architectural integration.

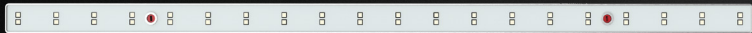
V-STICK S2 comes in two sizes, 300mm and 500mm. Custom colors are available.

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.
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-STICK S2

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)

ELECTRICAL

INPUT VOLTAGE 44-54VDC (48 VDC Typical)

POWER 34W/m maximum @ full white

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 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 LEDs by Nichia

PIXEL PITCH 1.0" (25mm)

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

PIXEL CONFIG Double

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

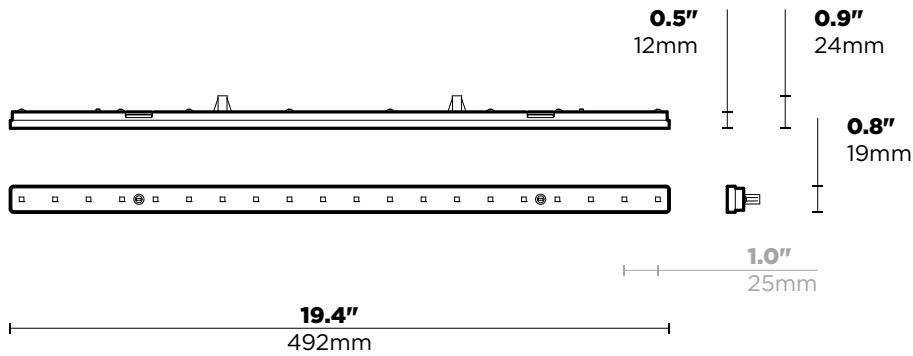
CERTIFICATION

RATING IP 65, suitable for outdoor use



V-STICK S2

ORDERING GUIDE



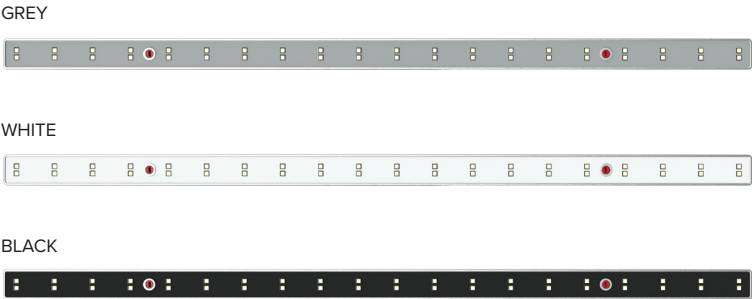
-V-STICK 500 VERSION.
(PIXEL PITCH IN GREY)



PRODUCT ORDERING CODE

	MODEL #
	NOMINAL LENGTH
500	19,7" (500mm)
300	11,8" (300mm)
	COLOR LIGHT SOURCE
RGB	RGB (Max 34W/meter @ full-on RGB 600lm/meter approx, color-changing)
	PIXEL PITCH
25	1,0" (25mm)
	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

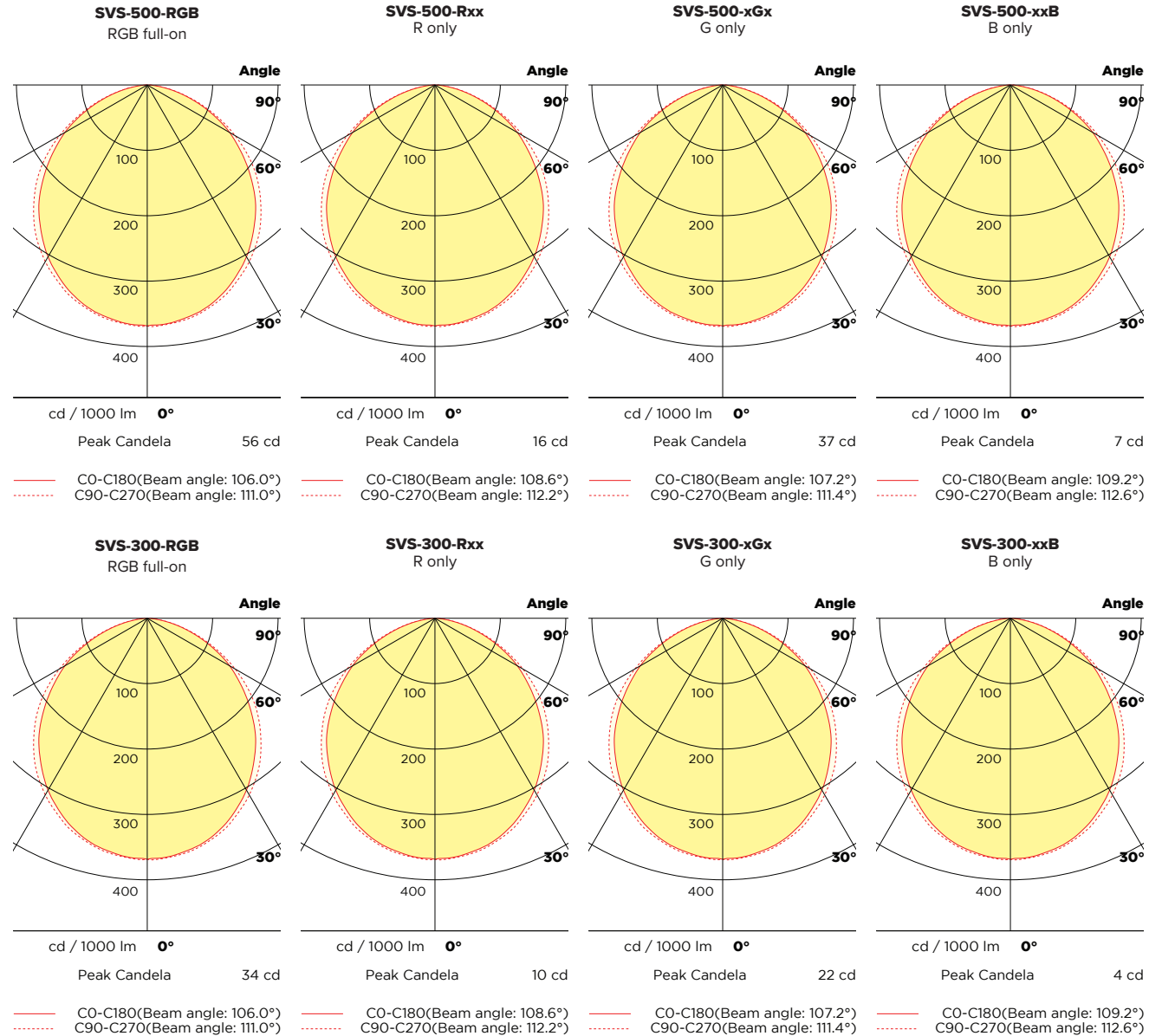
COLORED LIGHT

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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