![SHOCKWAVE VIDEO LIGHTING]

V-PIX S

SHOCKWAVE DIRECT VIEW | BLACK SERIES

The SACO Shockwave V-Pix S is an innovative, lightweight, and bright video fixture designed to wrap around façades and architectural elements, transforming the built environment into a media experience. The versatile V-Pix S is available in 3 cluster distributions of high-performance RGB LED light sources, for variable viewing distances, luminous intensity and effects. Enabled by SACO's proprietary Micromapping™ fixture addressing, a V-Pix LED array can be configured in subgroups of pixels, enhancing definition while maintaining high luminance.

V-Pix S is a creative lighting tool that will display anything from static colors to dynamic video lighting effects; it is available with either 4, 8, or 12 LEDs in a polar array, a rugged material construction in a variety of finishes, as well as optional front cosmetic plates. Custom colors are available.

ACTUAL SIZE

CONNECT THE DOTS
Introducing MICROMAPPING™ as a system-wide definition enhancer
V-Pix S 8 can count as 1 or 2 pixels; V-Pix S 12 can be 1 or 3 pixels
V-Pix S 4 is addressed as a whole, to maintain highest light intensity
LEDs arranged in a polar array to minimize color shift due to viewing angles

KEEP RESOLUTIONS
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

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

PIECE TOGETHER
Same mounting / joining bolt pattern as Black Series Spots family for accessory sharing
Custom designed connector system enables Direct View fixture interoperability
No tools required quick connectivity, built in snaps hold connectors in place
Front and rear access possible for mounting and joining accessories
Build the perfect performer by combining and stacking fixtures to suit

STAND THE HEAT
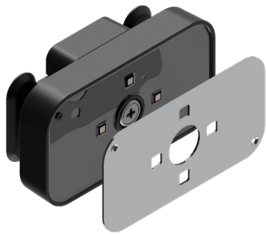Efficient integral heat dissipation. No dirt traps.

SACO

S V-PIX S

FEATURES GUIDE

COSMETIC PLATE

BODY/FACE

BLACK

GREY

WHITE

SVP-S-RGB-4   -8   -12

PHYSICAL

CONSTRUCTION	Injection molded UV-stabilized polycarbonate resin
	Sturdy stainless steel hardware
	Outdoor rated silicone rubber electronics potting
	Optional cosmetic plate
MOUNTING	Central spring-loaded stainless steel captive screw (easily accessed on front)
	4 heat installed brass inserts provide permanent threads (rear access for mounting and joining)
WEIGHT	0.15lbs (0.07kg)

THERMAL

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

ELECTRICAL

INPUT VOLTAGE	44-54VDC (48 VDC Typical)
POWER	1.2W/2.4W/3.6W Maximum @ full white (V-Pix 4 / V-Pix 8 / V-Pix 12)
CONTROL INPUT	SACO SVB V-Brain controller, varying levels of power available
	SACO V-Stream Video Protocol
CABLE	Round-to-round lead cables for carrying power and data to daisy chain starter block
	Flat-to-flat jumper cables for low profile integration of systems

LIGHT OUTPUT

LED TYPE	High brightness 3-in-1 LEDs by Nichia
PIXEL TYPE	Integral: LED array addressed as a whole, to ensure highest intensity of light
	Micromapping™: LED array addressed by subgroups, enabling enhanced definition while maintaining high luminance
PIXEL PITCH	Variable
PIXEL COUNT	Integral: 1 per fixture
	Micromapping™: 2 / 3 per fixture (V-Pix 8 / V-Pix 12)
	Please note Micromapping™ is a system-wide setting and has no effect on V-Pix 4
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°

SHOCKWAVE ACCESSORIES

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

ADDITIONAL INFORMATION

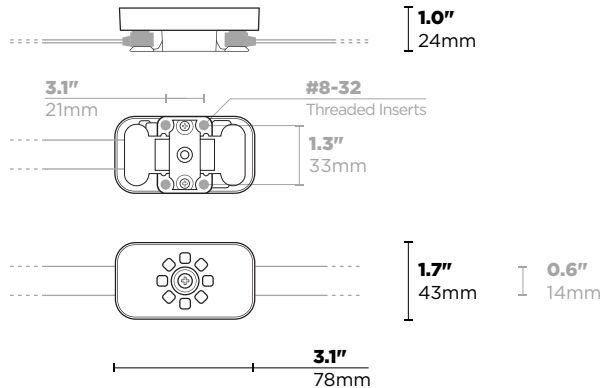|	
CERTIFICATION	IP65 (as per IEC 60529-1 : 2013, when receptacles are capped or mated)
	UL suitable for wet location (as per UL 8750 : 2015, CAN/CSA-C22.2 No.250.13 : 2012)
	NRTL (as per UL 8750 : 2015, CAN/CSA-C22.2 No.250.13 : 2012)
	CE (as per EN 62031 : 2008/A2 : 2015) Class 2
WARRANTY	5 years
ORIGIN	Designed and made in North America

V1.3-2020-10

SHOCKWAVE VIDEO LIGHTING
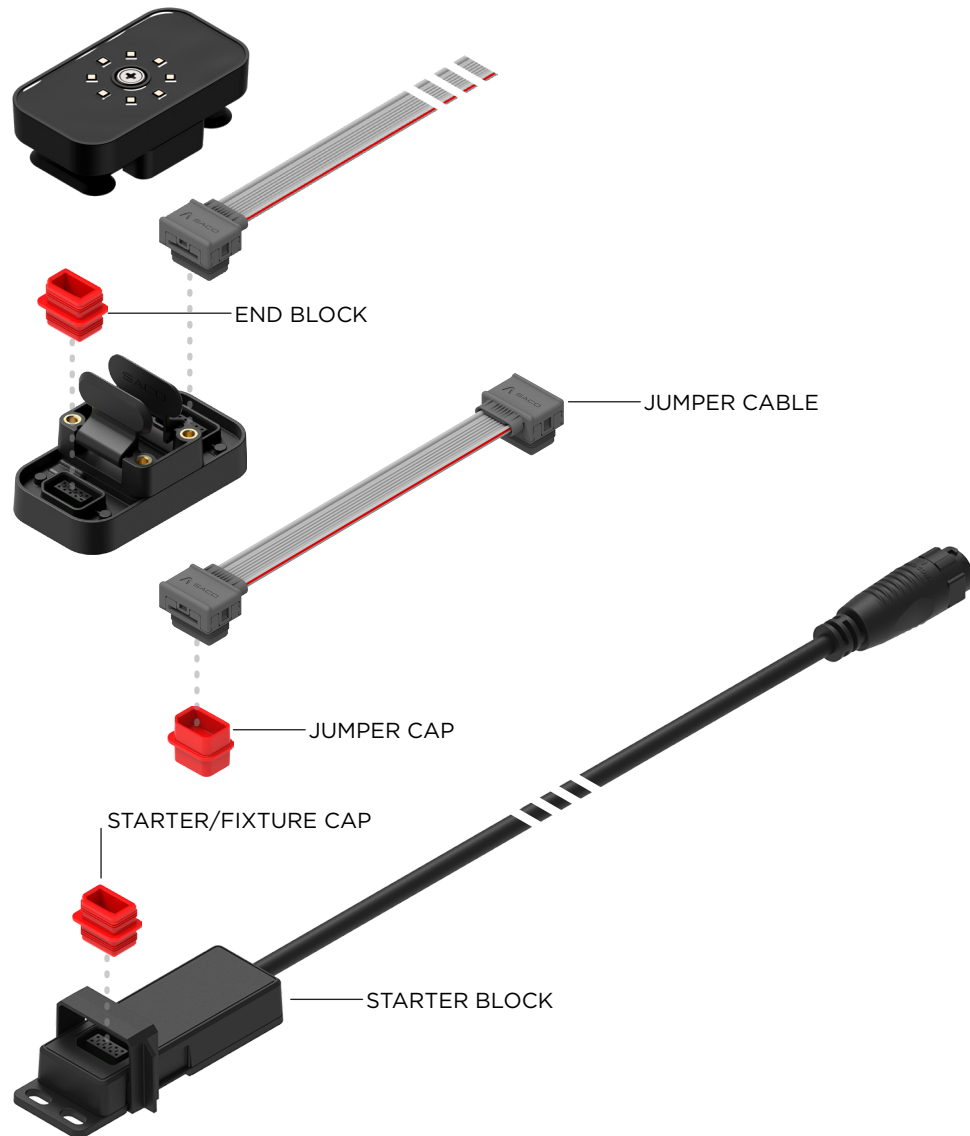
S V-PIX S

SPECIFICATIONS GUIDE

MODEL #

LUMINAIRE SIZE

S   Small

COLOR LIGHT SOURCE

RGB   RGB, color-changing (See light sources for power and lumen outputs)

 # LIGHT SOURCES

4   4 LEDS (1.2W, 33lm @ full-on RGB)
8   8 LEDS (2.4W, 66lm @ full-on RGB)
12   12 LEDS (3.6W, 99lm @ full-on RGB)

BODY FINISH

GRM   Grey Matte (injection molded polymer)
BKM   Black Matte (injection molded polymer)
WTM   White Matte (injection molded polymer)

FACE FINISH

GRG   Grey Gloss (silicone electronics potting)
BKG   Black Gloss (silicone electronics potting)
WTG   White Gloss (silicone electronics potting)

COSMETIC PLATE FINISH

NO   None
CRA   Clear Reflective Aluminum (Mirror finish)
_ _ _   Custom, please consult factory for options

1.0" 24mm

3.1" 21mm

#8-32 Threaded Inserts

1.3" 33mm

1.7" 43mm   **0.6"** 14mm

3.1" 78mm

V-PIX S 8 PIXEL VERSION
(MOUNTING DIMENSIONS IN GREY)

SHOCKWAVE
VIDEO LIGHTING

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SV-PIX S

COMPONENTS GUIDE

END BLOCK

JUMPER CABLE

JUMPER CAP
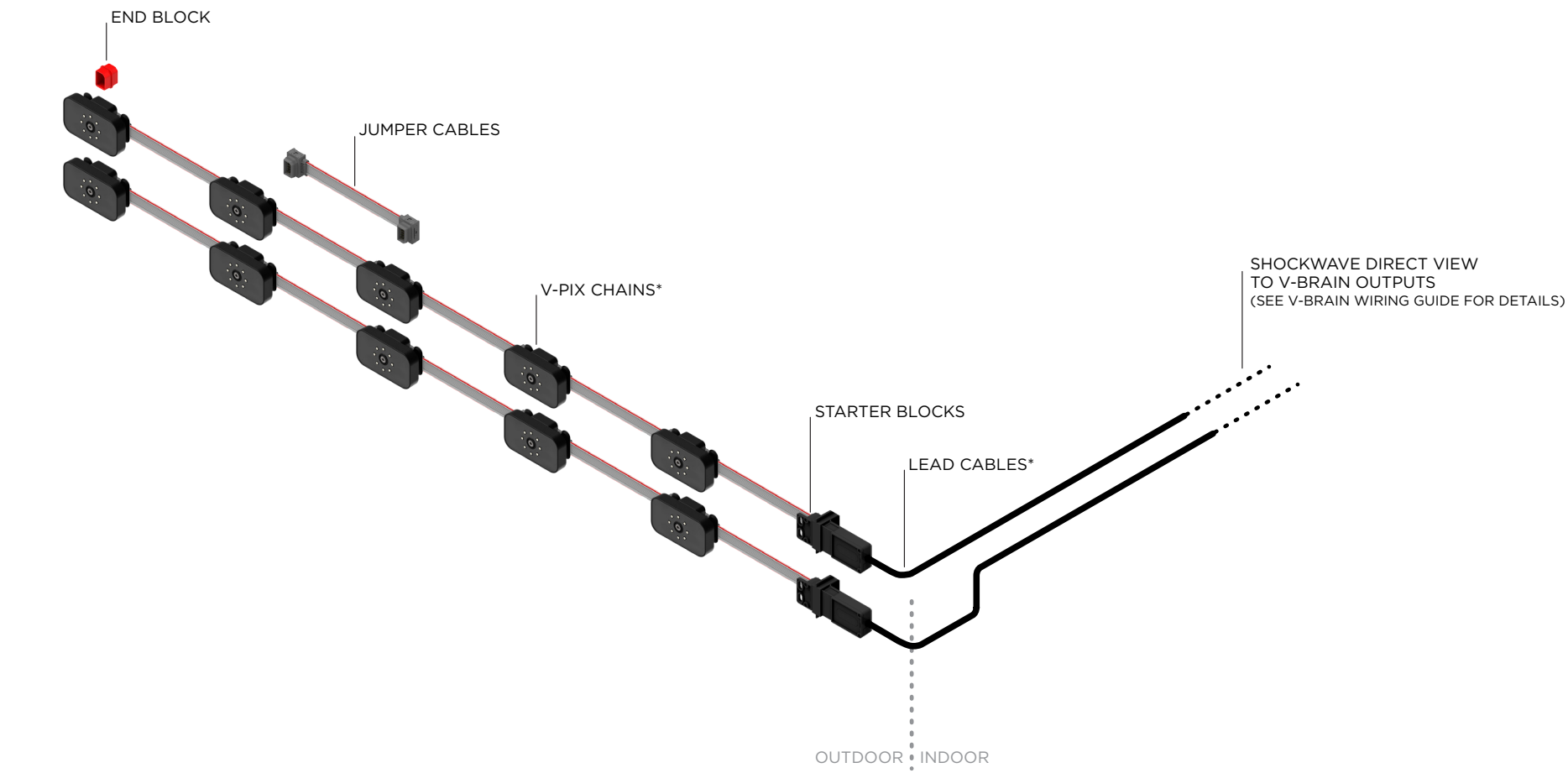
STARTER/FIXTURE CAP

STARTER BLOCK

SYSTEM COMPONENTS

Companion components are required for system to be complete on the fixtures' side.
Please refer to the Wiring Guide on next page, as well as Shockwave Direct View Controls for details on compatible power and data distribution devices.

STARTER BLOCK

Provides round to flat cable connection

Onboard electronics ensure signal integrity

Locking slider snaps on jumper connection for tight fit

Mounting ears for simple installation

Injection molded UV-stabilized polymer housing

Outdoor rated silicone rubber electronics potting

CAP

Provides product protection from dust and water ingress

One model for both fixture and starter block receptacles

One model for covering connections on jumper cables

Injection molded UV-stabilized polymer body

Injection molded custom gasket

JUMPER CABLE

Custom designed IDC connector and gasket

Keyed design to preserve polarity

Custom designed hybrid flat cable

IP65 assembly (when mated)

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V-PIX S

WIRING GUIDE

END BLOCK

JUMPER CABLES

V-PIX CHAINS*

SHOCKWAVE DIRECT VIEW
TO V-BRAIN OUTPUTS
(SEE V-BRAIN WIRING GUIDE FOR DETAILS)

STARTER BLOCKS

LEAD CABLES*

OUTDOOR : INDOOR

JUMPER CABLE — Max jumper cable length is 5ft (1.5m) for chains up to 30 V-Pix 8. Consult factory for other system needs.

LEAD CABLE — Max lead cable length to V-Brain up to 425ft (130m).

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