

# SVB<sup>TM</sup><sub>1</sub>



**ROBE**<sup>®</sup>

# SVB<sup>1</sup>™

FULL  
PIXEL  
MAPPING

7 X 40W  
RGBW  
MULTICHIPS

ZOOM  
RANGE 3.8°–50°

200W  
WHITE  
STROBE

360°  
CONTINUOUS  
ROTATION  
CONTROL

EXTREMELY  
FAST  
PAN  
TILT  
MOVEMENT



## Are you in search of a small, lightweight, high-impact lighting fixture that gives you an edge over the competition? Look no further! Introducing the eye-catching SVB1™ effect, beam, and wash luminaire!



This versatile, compact powerhouse, built on the heritage of its SVOPATT™ lineage, delivers high-output and extreme speed with continuous pan and tilt rotation, ensuring a captivating performance for your audience.

Equipped with seven individual 40W RGBW LED cells and a central pixel featuring both RGBW and a powerful 200W white strobe LED module, the SVB1™ offers full pixel mapping capabilities for unlimited creative looks and effects, boasting an impressive 11.000 lm output.

Helping to maintain this high level of performance, the RLCT™ lens coating protects against scratches and scuffs while preventing particle adhesion, ensuring your optics stay cleaner for far longer.

The SVB1™ stands out with its motorized zoom range, offering precise 3.8° beams to expansive 50° washes, all while operating with remarkable quietness. Its rapid speed and wide coverage are further enhanced by the fixture's 360° continuous pan and rotation capabilities, making it an impressive choice for any lighting setup.

With a choice of RGB or CMY colour mixing modes, a variable CCT range from 1.700K to 20.000K, an onboard DataSwatch™ colour library with 66 preset colours, and tungsten lamp emulation, the SVB1™ provides a comprehensive colour control set.

Designed for noise-sensitive environments, the SVB1™ operates at an ultra-quiet 18 dB(A) in quiet mode due to its advanced AirLOC™ cooling technology and noise dampening design. Along with Cpulse™ software for on-screen flicker removal and +/- green content control, this luminaire is ideal for studio environments.

A multitude of modes and protocols, including ArtNet and sACN, ensures easy pixel mapping. Network communication is streamlined with REAP™ (Robe Ethernet Access Portal), while the Epass™ Ethernet pass-through switch maintains connectivity even when the fixture is powered off.

Weighing just 7.2 kg, the compact and feature-packed SVB1™ offers exceptional speed, accuracy and punch, making it the perfect enhancement for any performance!

### SVB1™ - Enhancing your impact!



#### Source

- Light source type:
  - 1 module - contain 7x 40W RGBW multichips
  - middle pixel contain White strobe LEDs
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours

#### Optical System

- Robe's proprietary optical design.
- High-efficiency zoom optical system, ratio 13:1
- Zoom range: 3.8° - 50°
- Diffusion filter imbedded
- Fixture total lumen output:
  - 11.000 lm (integrating sphere)
  - 8.600 lm (goniophotometer)
- Illuminance: 17.500 lx @5m
- RLCT™ Innovative lens coating technology

#### Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- + - Green correction function
- 9 individually controllable Strobe LED zones
- White light: Variable CCT 1.700K - 20.000K
- DataSwatch™ filters: pre-programmed 66 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- Tungsten lamp effect: 750W, 1.000W, 1.200W, 2.000W, 2.500W lamp emulation for whites from 2.700K to 4200K (red shift and thermal delay)
- Motorised exceptionally quiet zoom
- High resolution electronic dimming: 0-100 %
- Electronic strobe effect with variable speed up to 20 Hz, pre-programmed random strobe & pulse effects
- L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K

#### Control and Programmin

- Setting & Addressing: ROBE Navigation System 3 (RNS3)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding, NFC app controller
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- REAP™ - Robe Ethernet Access Portal
- Wireless CRMX™ technology from Lumen Radio - On request

- Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity - On request
- DMX Protocol modes: 3
- Control channels: 28, 61, 58
- RGBW / CMY: 8 or 16 bit
- Pan & Tilt resolution: 8 or 16 bit
- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

#### Movement

- Automatic Pan & Tilt position correction
- Pan movement range 540° with continuous rotation control
- Movement control: Standard and Speed
- Tilt movement range 360° with continuous rotation control
- Controllable speed of Pan & Tilt movement

#### Thermal Specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 70 °C (158 °F)
- Minimum operating temperature: -5 °C (23 °F)

#### Noise Levels

- Sound pressure level: 18 dB(A) at 1 m (quiet mode)  
34 dB(A) at 1 m (auto mode)
- Sound power level: 26 dB(A) (quiet mode)  
42 dB(A) (auto mode)

#### Electrical Specification and Connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: Max. 200W
- Power connector in/out: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 5-pin XLR connectors
- Ethernet port in/out: RJ45, for Embedded Epass™ switch 10/100 Mbps - On request

#### Approvals

- CE Compliant
- cETLus Compliant

#### Mechanical specification

- Height: 398 mm (15.7") - head in vertical position
- Width: 281 mm (11")
- Depth: 186 mm (7.3") - head in vertical position
- Weight: 7.2 kg (15.87 lb)
- Ingress protection rating: IP20

#### Rigging

- Universal operating position
- Safety cable attachment point

#### Included Items

- User Manual
- Omega Adaptor CL-regular

#### Optional Accessories

- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Wireless DMX external module: 10980127
- Mains Cable powerCON TRUE1 In/Schuko, 2m, Indoor: 13052405
- Mains Cable powerCON TRUE1 In/US, 2m, Indoor: 13052406
- Mains Cable powerCON TRUE1 In/CEE 16A, 2m, Indoor: 13052445
- Mains Cable powerCON TRUE1 In/Open ended, 2m, Indoor: 13052407
- Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439
- Daisy Chain powerCON TRUE1 In/Out, US, 2m, Indoor: 13052440
- Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444
- Single Top Loader Case: 10120361
- Quad Top Loader Case: 10120362
- Eight Pack Top Loader Case: 10120363
- Foam Shell: 20020505

#### Legal

- SVB1™ is a Trademark of Robe lighting s. r. o.
- SVB1™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

## New Generation LEDs

Unlock your creativity with next-generation LEDs that deliver higher lumens per watt, superior colour rendering, together with the precision of full pixel control. For added impact, the powerful 200W white LED central strobe introduces an extra dimension of stunning effects.



## Colour Control

With a choice of RGB or CMY colour mixing modes, incredible white CCT range from 1.700K to 20.000K, onboard DataSwatch™ colour library and tungsten lamp emulation, you have an all-inclusive colour control set.



## Tungsten effect

The Halogen lamp mode provides emulation of 750W, 1.000W, 1.200W, 2.000W and 2.500W tungsten lamps. The dimmer channel initiates halogen lamp-like behavior (red effect and thermal delay) for each lamp type during dimming.



Dimmer 100 %



Dimmer 80 %



Dimmer 50 %



Dimmer 20 %

## Zoom Range

From narrow beams to wide washes, the spectacular zoom range of 3.8° to 50° offers fast sweeping beams and wide, smooth, velvet-soft washes.



## Movement

Delivering rapid, eye-catching movement with continuous 540° Pan and 360° Tilt rotation control, including noise-dampening technology, it's perfect for creating dynamic visuals in studio environments.

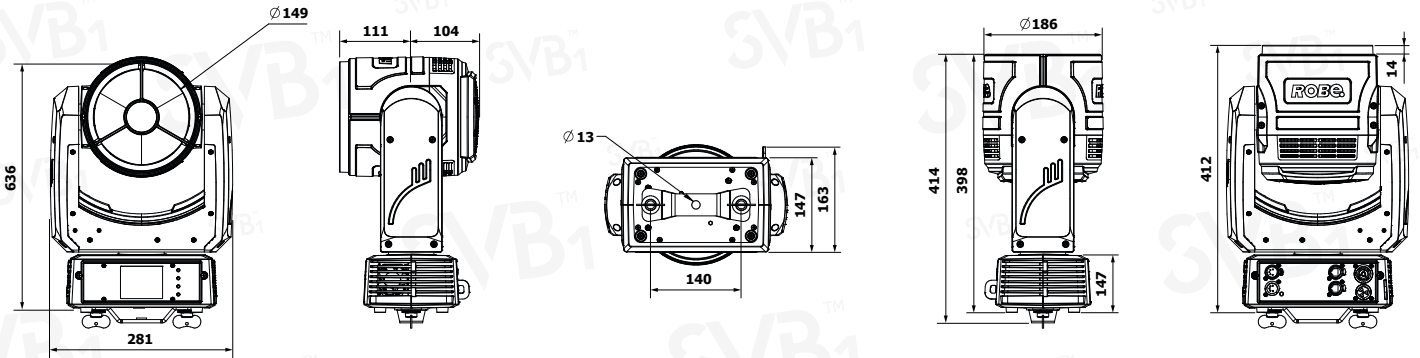


## Lens Coating Technology

Innovative RLCT™ lens coating technology protects lenses against "surface scattering" even when scrubbed repeatedly. Anti-static properties prolong the time period before the lenses collect dust and create white maps on the lens surface. This technology brings countless benefits including longer intervals between cleaning, keeping lenses in pristine condition for greater output.



# SVB<sup>1</sup>™



# SVB<sup>TM</sup><sub>1</sub>



[www.robe.cz](http://www.robe.cz)



Head office: ROBE lighting s. r. o. | Házovice 2090 | 756 61 Rožnov pod Radhoštěm | Czech Republic

Factory: ROBE lighting s. r. o. | Palackého 416 | 757 01 Valašské Meziříčí | Czech Republic

Tel.: +420 571 751 500 | E-mail: [robe@robe.cz](mailto:robe@robe.cz)

September 2024 © ROBE lighting s. r. o. All specifications subject to change without notice.