

# SVOPATT™

Iconic Luminaires are instantly recognisable in the lighting world. As a proudly Czechia based manufacturer, we pay homage to the past, bringing you a new icon, the SVOPATT™.

**Light source**

9 modules of 7 x 40W RGBW multichips and 20 x 10W White strobe LEDs

**Light output**

75.000 lm, 118.000 lx @ 5 m

**Zoom range**

3,8° - 50°

**Effects**

Pixel control, Motorised exceptionally quiet zoom, Electronic strobe effect, Virtual colour wheel, Tungsten lamp effect, Preprogrammed pixel effects, White strobe effects



Transforming into the modern age, you cannot fail to make an impact with the SVOPATT™ both as a scenic element and a source of captivating effects. With nine individual modules each containing 7 x 40W RGBW multichips and the centre pixel also containing a 200W white LED strobe, the fixture generates over 75.000 lm (integrating sphere). You have a source worthy of its lineage.

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.

With a multitude of modes and protocols, including ArtNet and sACN ensuring easy pixel mapping; a choice of RGB or CMY colour mixing modes; variable CCT range from 1.700K to 20.000K; onboard DataSwatch™ colour library with 66 preset colours, and tungsten lamp emulation, the SVOPATT™ provides a comprehensive colour control set.

Each individual module contains a noise-dampened motorized zoom. With a range of 3.8° - 50° you can create tight beams or wide washes from each individual module.

Designed for noise-sensitive environments, the SVOPATT™ operates at an ultra-quiet 18 dB(A) in quiet mode due to its advanced 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.

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. To maintain the characteristic look of the original, an external power supply is included.

**SVOPATT™ - New era for the iconic luminaire**

# Technical Specification

## Source

- Light source type: 9 modules of 7 x 40W RGBW multichips and 20 x 10W 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°
- Fixture total lumen output:
  - 75.000 lm (integrating sphere)
  - 58.500 lm (goniophotometer)
- Illuminance: 118.000 lx @ 5 m
- RLCT™ Innovative lens coating technology
- M-CEC™ (Multisource Central Extended Combination) system. This compact, quiet design synchronizes chamber and zoom movement, ensuring shadowless output without light loss

## Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- + - Green correction function
- Individual control of each RGBW pixel
- 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 programming

- 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
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- REAP™ - Robe Ethernet Access Portal
- Wireless CRMX™ technology from Lumen Radio
- Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity
- DMX Protocol modes: 4
- Control channels: 21, 124, 286, 384
- RGBW / CMY: 8 or 16 bit
- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

## Movement

- Pan movement: Manual
- Tilt movement: Manual

## Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 80°C (176°F)
- Minimum operating temperature: -5°C (23°F)
- Maximum SVOPATT™ Driver surface temperature: 50°C (122°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

- SVOPATT™ Driver
  - Power supply: Electronic auto-ranging
  - Input voltage range: 200-240 V, 50/60 Hz
  - Power consumption: Max. 2400 W
  - Power connector in: 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
  - Power connector out: Amphenol connector
- SVOPATT™
  - Data in: Locking 4-pin XLR connector
  - Power connector in: Amphenol connector

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- SVOPATT™
- Height:
  - 435 mm (17.1") - without yoke
  - 545 mm (21.5") - with yoke
- Width:
  - 1005 mm (39.6") - without yoke
  - 1162 mm (45.7") - with yoke
- Depth: 216 mm (8.5")
- Weight: 39.7 kg (87.5 lbs)
- SVOPATT™ Driver: 8.9 kg (19.6 lbs)
- Ingress protection rating: IP20

## Rigging

- SVOPATT
  - 2x Omega bracket (top and bottom)
  - 2x Safety cable attachment point
  - Can be merged to a wall of light
- SVOPATT™ Driver
  - 1x Omega bracket
  - 1x Safety attachment point

## Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 In connector
- Jumper Cable: 2m

## Optional accessories

- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Omega Adaptor CL-regular 2 pcs: 10980033
- Alignment adaptor: 10981217
- 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
- SVOPATT Power Jumper cable 4m: 10981221
- SVOPATT Power Jumper cable 6m: 10981222
- SVOPATT Power Jumper cable 8m: 10981223
- SVOPATT Power Jumper cable 10m: 10981224
- SVOPATT Data Jumper cable 4m: 10981225
- SVOPATT Data Jumper cable 6m: 10981226
- SVOPATT Data Jumper cable 8m: 10981227
- SVOPATT Data Jumper cable 10m: 10981228
- SVOPATT tilt bracket: 10981284
- Single Top Loader Case: 10120358-01
- Dual Top Loader Case: 10120360-01

## Legal

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