JB LIGHTING

SPARX 18
WASHBEAM TWINZOOM

The all-round talent for lighting and beam effects of the highest quality!

Zoom 3°–70° (1:23)

Output 23,000 lumen

only 29 dB(A) extremely quiet

only 21 kg weight

37 x 40 Watt LED output

Made in GERMANY

...JUST BRILLIANT

The Washbeam Sparx 18 with TwinZoom –
enormously versatile, bright and quiet!

The Sparx 18 LED washlight, with TwinZoom and 37x 40 watt LED output, is an absolute all-rounder and enables impressive washlight applications in completely new dimensions.

The optical system guarantees perfectly homogeneous illumination and effective multicolour applications in unimagined variety and brilliance. With the help of the innovative, segmentally controllable TwinZoom of 3°–70° (1:23), lighting engineers can create lighting scenarios that were previously unthinkable in this form. The basic colour temperature, from which all colours are automatically mixed, is freely selectable on the Sparx 18, making it an excellent addition to any lighting ensemble. In conjunction with the LED single pixel control, it also shows its strengths in backlighting. The Sparx 18 enables lighting design at its best, with fascinating colour gradients and unique beam effects and shapes. With its compact design and a weight of only 21 kg, the Sparx 18 is ideally suited for use on tour. In addition, thanks to special heatpipe cooling, the Sparx18 is so extremely quiet that it is barely audible.

Sparx 18 – the all-rounder for perfect washlight applications, with features such as:

- Patented TwinZoom from 3°– 70° (1:23)
- Individual LED single pixel control
- Sparkle channel for dynamic effects
- Overlay of multiple layers with independent patterns
- Glow channel and Color Spread channel
- Optimised color mixing behaviour
- High-resolution, stepless and color-accurate dimming from 0 –100%
- Ultra-quiet 29 dB(A)
- Flicker-free operation, camera mode up to 600 Hz
- Electronic strobe with pulse and random effects
- Separate CTC channel
- Basic colour temperature can be selected:

2700 K   3200 K   4200 K

5600 K   6000 K   6500 K
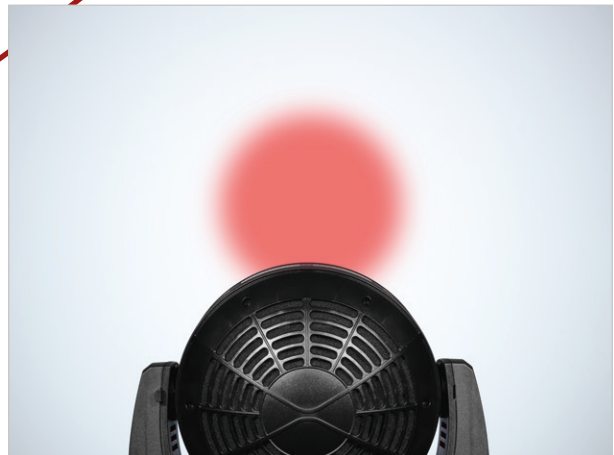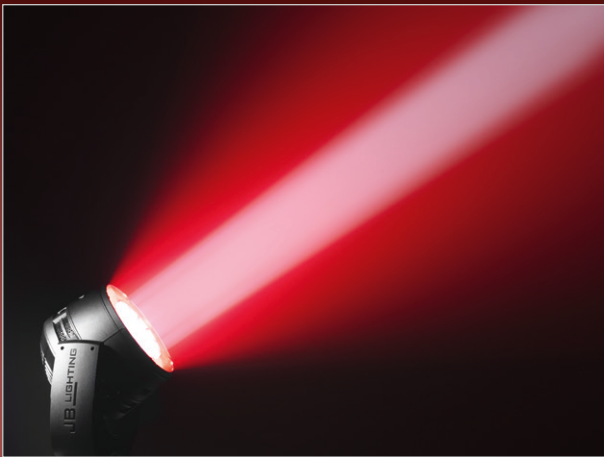
7000 K   8000 K

DMX   Ethernet   Wifi   Bluetooth

Find more information at: **www.jb-lighting.de**

SPARX 18 SPECIAL FEATURE: TWINZOOM

With the TwinZoom, the outer LED ring and the inner area can be zoomed separately from each other – completely infinitely variable from 3°–70° (1:23). This makes it possible to create absolutely innovative, beautifully shaped and effective lighting scenes that you never dared to dream of.

SPARX 18
37x 40 Watt RGBW-LED

23,000 lm

CRI > 85

SPARX 18
37x 40 Watt RGBY-LED

19,000 lm

CRI > 90

The Sparx 18 with RGBW LEDs: Your first choice when you want to focus mainly on high-intensity **white light applications.**

Sparx 18 with RGBY LEDs (amber): Particularly recommended when intensive and brilliant **color applications** are required.

STEPLESS ZOOM: 3° – 70° (1:23)

The luminosity and zoom range of 3°–70° of the Sparx 18 are impressive. Virtually noiseless, absolutely precise and fast, the Sparx 18 changes from extremely narrow to wide beam distribution. When TwinZoom is used, you can be sure of its wow factor.

Narrow beam with minimal zoom: 3°

Wide beam distribution at a maximum zoom of 70°

HARD EDGE & SOFT EDGE

Thanks to the scattered light-optimised beam of the Sparx 18 and the TwinZoom, precise, extremely homogeneous light projections from Hard Edge to Soft Edge can be produced.
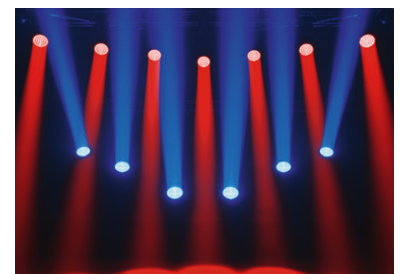
Hard Edge

Soft Edge

The Sparx 18 with Beamshape module (optional accessory).

PERFECTLY STAGED: MULTICOLOR BEAMS & GRADIENTS

The Sparx 18 from JB-Lighting is a lighting artist that plays a decisive role on every stage with its brightness, variety of colors and patterns. It is so multifaceted, colorful and versatile that it integrates perfectly into any lighting ensemble. Sometimes it holds back discreetly and then skilfully puts itself back in the spotlight to set highlights – whether in the theatre, at trade fairs, events or TV appearances.
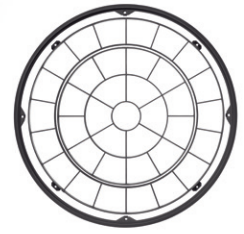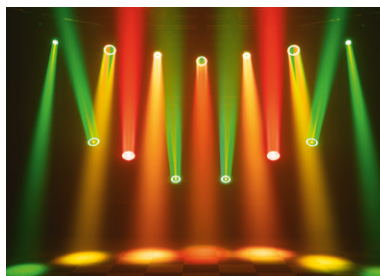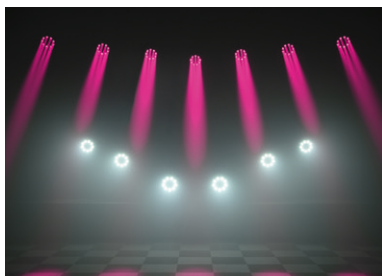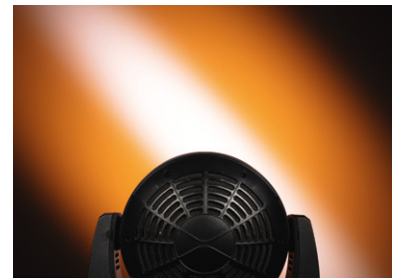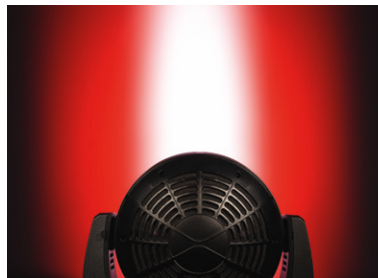
Should it be necessary for special uses to further reduce the minimum stray light of the Sparx 18 beam, it can be equipped with a honeycomb screen as an optional extra.

OPTIONAL: BEAMSHAPE MODULE

The continuously rotatable and positionable beam shape creates asymmetrical, oval beams. This beam form is suitable e.g. in the theatre excellent as an aisle light or at trade fairs for the illumination of rectangular objects. Of course, the TwinZoom can also be used in this case to individually adjust the beam width and characteristics. In combination with the endless rotation of the Beamshape module, extremely dynamic, circular animation effects can also be achieved.

BEAM AND SHOW EFFECTS OF THE HIGHEST QUALITY

The Sparx 18 is an LED washlight that leaves nothing to be desired. Thanks to TwinZoom and Sparkle effects, individual pixel control, perfect dimming properties and optimised color mixing, its light performance knows no bounds even in backlighting. And as befits a Rock ,n' Roller, it also has a separate CTC, Glow and Color Spread channel for additional color effects.

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Technical specifications:

Optics and light source

- 37 RGBW high-performance LEDs of 40 W each
  Standard: RGBW-LED; 23,000 lm; CRI > 85
  Optional: RGBY-LED; 19,000 lm; CRI > 90
- > 20.000 h life time
- Flicker-free operation, camera mode up to 600 Hz
- TwinZoom system: Zoom range 3°– 70° (1:23)
- Highly efficient optics for perfect color mixing

Effects

- Individual LED control – Single pixel control
- Sparkle channel for dynamic effects
- Multiple layers with independent patterns can be stacked
  on top of each other
- Countless color and pattern combinations
- Glow channel and Color spread channel as additional color effects
- Separate CTC channel
- Optimised color mixing behaviour
- High-resolution, steplessly variable dimmer 0 –100%
- Color-accurate dimming
- Electronic strobe with pulse and random effects
- TwinZoom effects: Multicolor beams and innovative beam shapes
- Basic color temperature can be selected: 2700 K, 3200 K,
  4200 K, 5600 K, 6000 K, 6500 K, 7000 K oder 8000 K

Movement

- 3 phase extra strong stepping motors
- Precise, very fast and silent movement
- 540° pan / 330° tilt

Control and programming

- USITT DMX-512, RDM
- Ethernet interface with Art-Net, sACN and Kling-Net
- Wireless DMX / RDM Lumen Radio CRMX TiMo
- Bluetooth, Wifi
- Color touch display with function keys and battery backup
- Mini USB for software update
- Stand-alone mode, master/slave function
- Built-in DMX analyser

Construction

- Robust, roadworthy design
- Individually changeable LEDs
- Fan control for almost noiseless operation, 29 dB(A)
- Graphical display, electronically revolvable
- Neutrik 5pin XLR IN/OUT
- Neutrik etherCON RJ45 IN/OUT
- Neutrik powerCON TRUE1 IN/OUT

Rigging

- 2 Omega brackets with Original Camloc® fasteners for quick
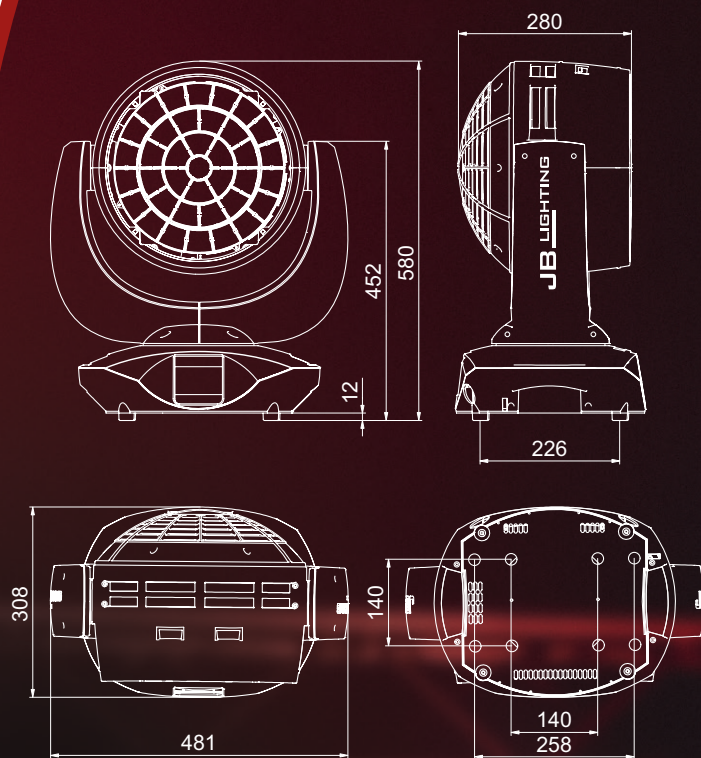 and convenient installation in any position, with four different
  fastening options

Electrical specification

- Max. power consumption 1300 VA
- Input voltage range 100 V – 240 V, 50/60 Hz

Mechanical specifications

- Dimensions: B 481 x D 308 x H 580 mm
- Weight: 21 kg

Dimensions:

280
452
580
12
226
308
481
140
140
258

Accessories:

- **Beamshape module** (Code ZU0018)
- **Honeycomb** (Code ZU0020)
- **AMPTOWN single** with SiP foam inlet (Code CASE33)
  Dimensions: B 60 x D 60 x H 80 cm
  Weight without (incl. fixtures): approx. 43 (64) kg
- **AMPTOWN double** with SiP foam inlet (Code CASE34)
  Dimensions: B 120 x D 60 x H 80 cm
  Weight without (incl. fixtures): approx. 62 (104) kg

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