JB LIGHTING

SPARX 12

WASHBEAM TWINZOOM

19 x 40 Watt LED output

Zoom 3.2°–55° (1:17.2)

only 29 dB(A) extremely quiet

only 15.5 kg weight

The washbeam for impressively bright, color intensive and homogeneous beams!

Made in GERMANY

...JUST BRILLIANT

Sparx 12: The perfect pixel washer when you need a little more!

The Sparx 12 Washbeam is impressive in every respect, whether as an effects unit with TwinZoom and single pixel control for backlighting applications or as an excellent wash light with perfectly homogeneous beams over the entire zoom range of 3.2°–55°.

Its 19 x 40 Watt LED output provides impressive brightness. This impressively outshines conventional 2 kW spotlights in particularly intensive color applications, even though the Sparx 12 is one of the most absolutely lightest units with a height of 49 cm and a weight of just 15.5 kg. Of course, the Sparx 12 also works extremely quietly thanks to special heat pipe cooling, a feature that we've attached great importance to for years in all of our new developments. The optical system of the Sparx12 guarantees perfectly homogeneous illumination and diverse multicolor applications with intensity, brilliance and speed that are sure to be fun and entertaining.

Sparx 12 – the compact wash beam:

- Patented TwinZoom from 3.2°–55° (1:17.2)
- Scattered light-optimised, homogeneous beam
- Individual LED single pixel control
- Sparkle channel for dynamic effects
- Overlay of multiple layers with independent patterns
- 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	

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

HARD EDGE & SOFT EDGE

Thanks to the scattered light-optimised beam and with the help of the TwinZoom, enormously homogeneous light projections ranging from hard edge to soft edge are able to be created.
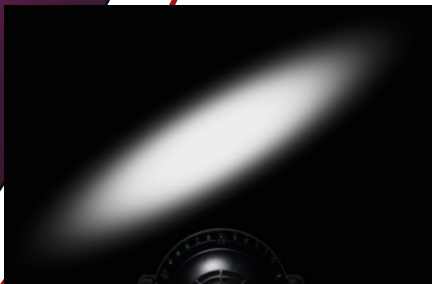

Hard Edge

Soft Edge

BEAM AND SHOW EFFECTS AT THEIR BEST:

With its brightness, variety of colors and patterns, as well as perfect dimming properties, the Sparx 12 sets accents on every stage and ensures optimal lighting, whether in the theatre, at trade fairs, events or on TV. It takes up very little space and fits into any rig. Thanks to the TwinZoom and sparkle effects, single-pixel control and CTC channel, its performance is impressive even with backlighting.
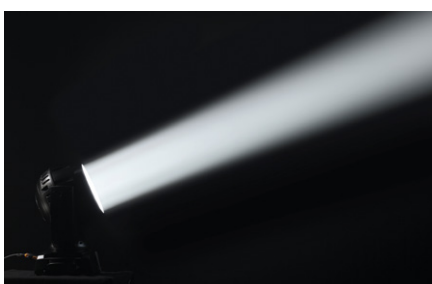
BEAMSHAPE

A rotatable Beamshape (accessory) can be integrated into the Sparx 12. This transforms the circular beam shape into an oval one, e.g. for illuminating rectangular objects at trade fairs or as aisle lighting in the theatre.
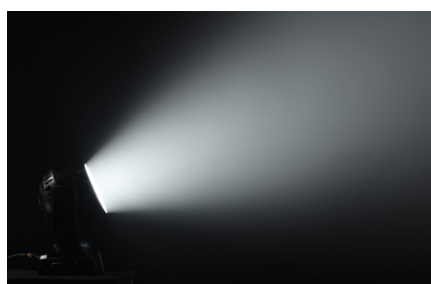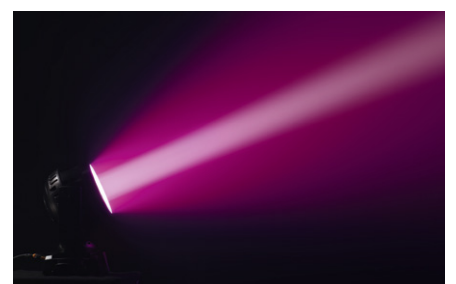
STUFENLOSER ZOOM: 3.2° – 55° (1:17.2)

The Sparx 12 is not only a top-class motion artist, it also ranks in a league of its own like you've never seen before in terms of luminosity and zoom range. The Sparx12 switches from extremely narrow to wide-beam distribution just as fast as its head movements. The TwinZoom can be used to zoom the outer LED ring and the inner 7 LEDs separately and with different colors, greatly increasing the number of beam shapes and effects.

Narrow beam with minimal zoom: 3.2°

Wide beam distribution at a maximum zoom of 55°

2-color TwinZoom effect

Technical specifications:

⬚ Optics and light source
- 19 RGBW high-performance LEDs of 40 W each
- > 20.000 h life time
- Flicker-free operation, camera mode: 100, 120 and 600 Hz
- TwinZoom system: Zoom range 3.2°– 55° (1:17.2)
- 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
- 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 or 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
- LCD display with function keys and battery buffer, electronically rotatable
- 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)
- Neutrik 5pin XLR IN/OUT
- RJ45 IN/OUT network socket
- Power IN/OUT
- 5pin IN/OUT socket (prepared for battery operation)

⬚ 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 750 VA
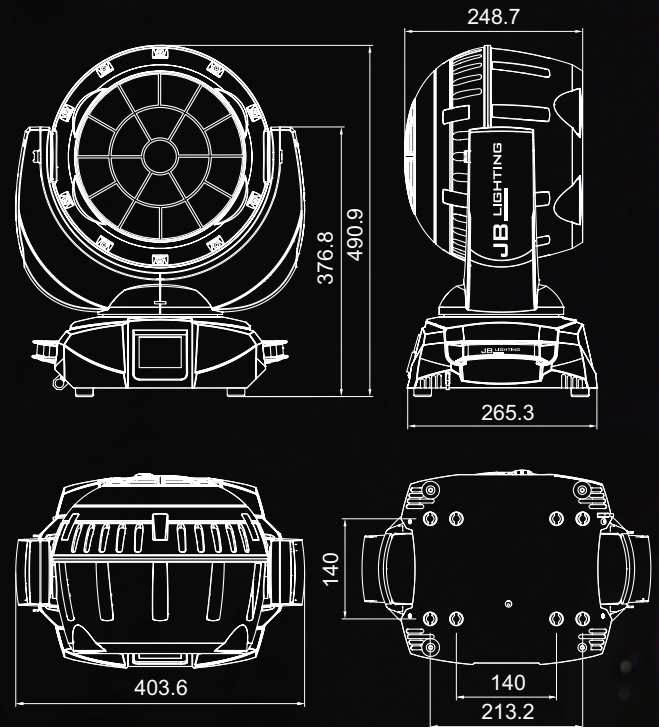- Input voltage range 100 V–240 V, 50/60 Hz

⬚ Mechanical specifications
- Dimensions: B 404 x D 265 x H 491 mm
- Weight: 15,5 kg

⬚ Scope of delivery
- Schuko on powerCON TRUE1, flexible rubber cable (2 m long, 3 x 1.5 mm²)
- 2 Omega brackets

Dimensions:

248.7
490.9
376.8
265.3
403.6
140
140
213.2

+ Accessories:
- **Beamshape** (Code ZU0027)
- **AMPTOWN double** (Code CASE42)
  – with SiP foam inlet, stacking troughs and a scan window
  – Dimensions: W 65 x D 60 x H 72 cm
  – Weight without (incl. fixtures): approx. 36 (67) kg
- **AMPTOWN 4-compartment** (Code CASE43)
  – with SiP foam inlet, stacking troughs and a scan window
  – Dimensions: W 127 x D 60 x H 72 cm
  – Weight without (incl. fixtures): approx. 62 (124) kg

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