JB LIGHTING

Unique in every respect:
The smallest, lightest and most powerful LED beam spot in its performance class

P5
200 W BEAMSPOT

200 W White light LED

Up to 9,000 lm Output

Zoom 2.4°– 50° (1: 20.8)

only 10.9 kg weight

only 29 dB(A) extremely quiet

Made in GERMANY

...JUST BRILLIANT

Working with the P5 is a real pleasure – the result is in a class of its own.

The small P5 Beamspot combines high-quality JB quality with state-of-the-art LED technology to create an extremely compact moving head weighing just 10.9 kg. It can be easily handled by one person and is equipped with everything that demanding users could wish for.

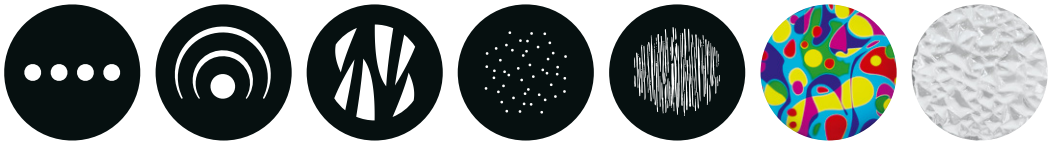
The P5 Beamspot offers a zoom range of 2.4° – 50°, unrivalled in its performance class, as well as extremely high light quality and flexibility. With 6800 K, 9,000 lm output and a CRI 74 (+/-3), it is predestined for all show applications. A high CRI filter with a CRI value of 90 (+/-3) and a CTO filter for warmer lighting scenes are available for front lighting applications. The fast CMY color mixing system and a color wheel cover a wide color range – from pastel to highly saturated colors. In combination with its extensive range of effects, there are no limits to creative lighting design – in every area of application.

Our P5 makes a big impression everywhere, with features such as:

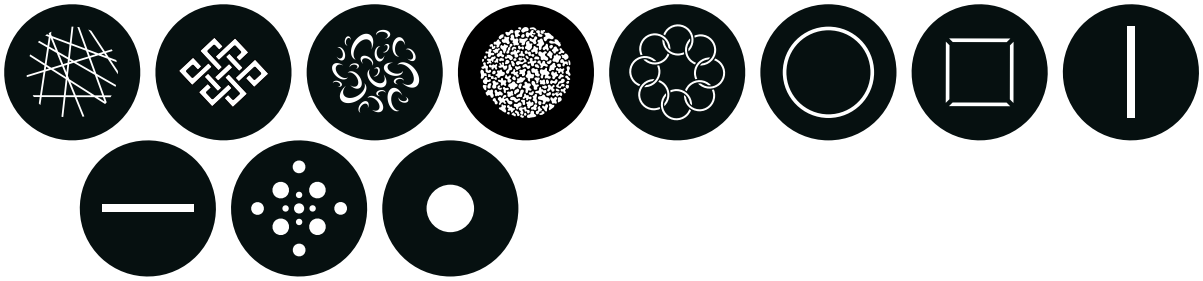
- Zoom range from 2.4°– 50° (1:20.8)
- 1 gobo wheel with 7 rotating gobos
- 1 gobo wheel with 11 static gobos
- 1 color wheel with 8 colors, incl. UV filter
- 3 correction filters: High CRI, CTO and CTB filter
- Virtual CTC adjustment: 2000 K – 13000 K
- Permanently installed CMY color mixing unit
- 3-section circular prism and 5° frost filter
- Electronic shutter with pre-programmed pulse and ramp functions
- 4 carrying handles for easy handling
- Large light emission lens with Ø 95 mm
- Ultra-quiet operation: only 29 dB(A)
- Flicker-free operation, camera mode: 100, 120, 600 Hz and high-flex mode

You can find more information about the P5 Beamspot at: **www.jb-lighting.de/en**

7 rotating gobos



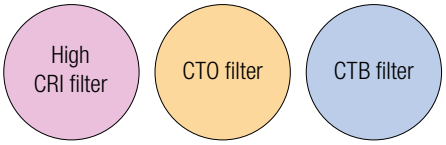
11 fixed gobos



8 brilliant colors

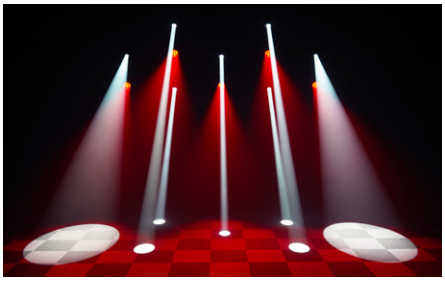
CMY + correction filters

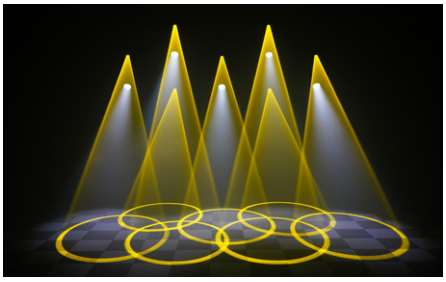
+

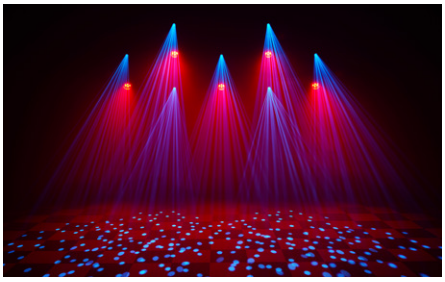


TOP FEATURE: MINIMUM SPACE REQUIREMENT – MAXIMUM PERFORMANCE

The P5 is a compact beam spot with 200 W LED power that impresses with its high quality of light, precise beam characteristics and impressive variety of effects. Thanks to its extremely space-saving design, it can be integrated almost anywhere – on small to medium-sized show stages, in clubs, at corporate events and trade fairs, but also in theatres. With the P5, lighting designers do not have to make any compromises: Neither in terms of light quality, flexibility or range of effects. Its enormous color range opens up almost limitless creative possibilities. Rotating and fixed gobos, multicolor and art glass effects as well as frost and prism applications ensure that nothing is left to be desired when it comes to lighting design.







ZOOM RANGE: 2.4° – 50°

Whether high-intensity beams with a minimum zoom of 2.4° (1.0° with beam reducer) or uniformly sharp projections with an open zoom of up to 50° – the possibilities of the P5 Beamspot are virtually unlimited and the areas of application versatile.

Minimum zoom: 2.4° (with beam reducer gobo 1.0°)

Maximum zoom: 50°

Technical specifications:

Optics and light source

- 200 W white light LED module, 6800 K; 13,000 lm (9,000 lm Output); CRI 74 (+/-3); TM-30 Rg = 95 (+/-3), TM-30 Rf = 70 (+/-3)
- Highly efficient optical system consisting of zoom, focus, and projection lens
- Light-emitting lens Ø 95 mm
- > 20.000 h life time
- Flicker-free operation, camera mode: 100, 120, 600 Hz and high flex mode
- Zoom range: 2.4° – 50° (1:20.8)

Effects

- 1 gobo wheel with 11 static gobos including a beam reducer gobo + open
- 1 gobo wheel with 7 rotatable, positionable and replaceable gobos, including one art glass gobo and one multi color gobo + open
- 1 color wheel with 8 full or half colors + High CRI filter (= TM-30 filter) + CTO filter and CTB filter + open
- CMY color mixing unit for fast and perfectly homogeneous color mixing
- CTB filter for automatic color temperature correction for gobo applications (can be switched off)
- 1 frost filter (5°), infinitely retractable – can be replaced by JB click system, other frost levels available as options: 1°, 2°, 3,5°, 10°, 20°
- 1 prism, 3-section circular
- Electronic dimmer 0% – 100%, 3 selectable dimming curves
- Electronic shutter with pre-programmed pulse and ramp functions
- Virtual green/magenta correction to adapt to the surrounding light
- Virtual CTC adjustment: all light colors 2000 K – 13000 K

Movement

- 3 phase extra strong stepping motors
- Precise, very fast and silent movement
- 541° pan / 281° tilt

Control and programming

- USITT DMX-512, RDM
- Ethernet interface with Art-Net and sACN
- Wireless DMX / RDM Lumen Radio CRMX TiMo
- LCD display with function keys and battery buffer, electronically rotatable
- Micro USB for software update
- Stand-alone mode, Master/Slave function
- Error analysis and DMX analysis
- Ethernet in/out with bypass function switch 10/100 Mbps

Construction

- Original JB-Lighting slide-in module technology
- Robust, roadworthy design with 4 carrying handles
- Transport lock for tilt
- High-tech heat pipe cooling in conjunction with calibrated silent fans for almost noiseless operation at max. 29 dB(A)
- Neutrik 5pol XLR IN/OUT
- Neutrik etherCON 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
- Optional: Diagonal omega bracket for two additional mounting possibilities

Electrical and thermal specification

- Maximum power consumption 350 VA
- Supply voltage 200 V–240 V, 50/60 Hz
- Total heat dissipation (calculated): 1,194 BTU/h
- Ambient temperature: 0 to +45° (note the warm-up phase)

Mechanical specifications

- Dimensions: W 314 x D 241 x H 507 mm
- Weight: 10.9 kg
- LWR specification: (LWR = Lumen to Weight Ratio): 826 lm/kg

Scope of delivery

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

Warranty

- Device: 2 years
- LEDs: 4 years

Accessories

- CASE50 AMPTOWN double flight case
  Dimensions: W 58 x D 46 x H 74 cm
  Weight without (incl. fixtures): approx. 33 (55) kg
- CASE51 AMPTOWN 4-compartment flight case
  Dimensions: W 80 x D 58 x H 74 cm
  Weight without (incl. fixtures): approx. 48 (92) kg
- CASE52 AMPTOWN 6-compartment flight case
  Dimensions: W 120 x D 58 x H 74 cm
  Weight without (incl. fixtures): approx. 63 (129) kg

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