

**JB LIGHTING**

# P9 330 W BEAMSPOT

The compact JB spotlight  
for excellent front light and  
back light applications!



Output  
**15,000**  
lumen

Zoom  
**3.4°–54°**  
(1:15.9)

only  
**17 kg**  
weight

**330 W**  
white light  
LED

Made in  
**GERMANY**

...JUST BRILLIANT



## The P9 Beamspot: a top class entertainer!

The P9 is extremely versatile, effective and compact – with extremely fast pan-tilt movements. With its 330 W LED power and 15,000 lm output, the “Small version” is not only a big player in terms of luminosity.

Due to the three correction filters, a zoom range of 3.4°–54° (1:15.9), the precise optics and the low weight, it is more versatile than comparable effect spotlights of its size. Thanks to its equipment including CMY color mixing, color wheel with 7 color filters, 2 correction filters and linear CTO, two gobo wheels as well as 3-section prism and frost filter, it is an absolute “multifunctional tool”. The P9 rocks, is flexible to use and enjoys band life on tour just as much as TV appearances or any other type of event.

**Der P9 ist ein vielseitiger Verwandlungskünstler mit Features wie beispielsweise:**

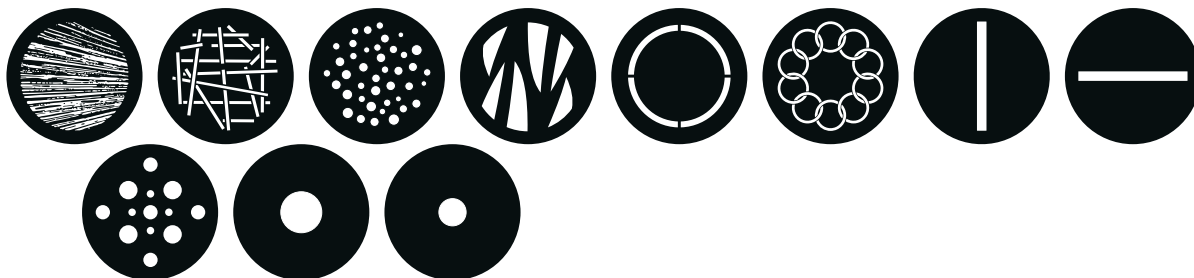
- Zoom from 3.4°–54° (1:15.9)
- 1 gobo wheel with 7 rotating gobos
- 1 gobo wheel with 11 static gobos
- 1 color wheel with 7 colors, High CRI filter, CTB filter
- CMY color mixing unit and linear CTO
- Electronic shutter with pre-programmed pulse and ramp functions
- 3-section prism circular and infinitely adjustable frost filter
- Ultra-quiet operation: only 29 dB(A)
- Infinitely adjustable high-speed iris
- Flicker-free operation, camera mode: 100 | 120 | 600 Hz and 3 kHz
- 4 carrying handles for easy handling
- Large light emission lens with Ø 135 mm



**7**  
rotating  
gobos



**11**  
fixed  
gobos



**7**  
brilliant  
colors



**CMY**  
+ variable  
CTO



### SPECIAL FEATURE: CTB CORRECTION WITHOUT LOSS OF BRIGHTNESS

The color wheel of the P9 is equipped, among other things, with a CTB filter (8500 K) that automatically retracts with gobo applications and corrects the color shift of the gobo without loss of brightness. The optical system of the P9 uses the reflective light inside the housing to automatically compensate for brightness. In addition, the P9 is equipped with a High CRI filter, achieving a color temperature of 5800 K and a CRI  $\geq 90$ , making it ideally suited for front lighting applications.



CTB filter neutralises gobo color shift



Front light application without filter



Perfect skin tones thanks to High CRI filter

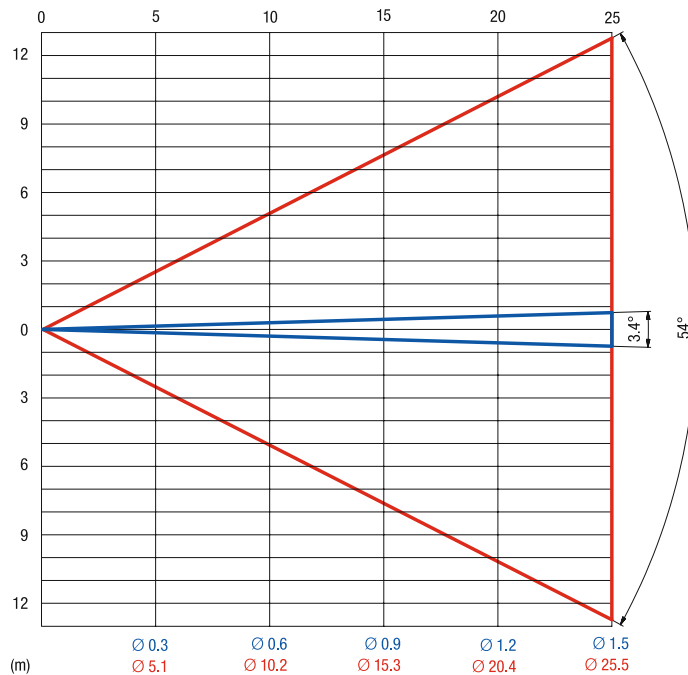
### JB SLIDE-IN TECHNOLOGY

Changing the gobo and cleaning the P9 can be done in no time at all. All inserts can be removed without tools or manual cable disconnection, as is typical for JB.

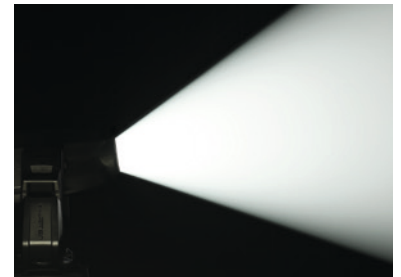


## ZOOM RANGE: 3.4° – 54° (1:15.9)

The optical system produces a very sharp and brilliant light beam with 15,000 lumens of output, adjustable from a narrow 3.4° beam to a wide 54° spot. If that is not enough, the two beam reducer gobos (4 and 6 mm) can be used to create extremely narrowly defined, absolutely parallel beams. In addition, the P9 is an effects full machine that shines throughout the zoom range with consistently high luminosity and rich color reproduction.



Minimal zoom: 3.4°



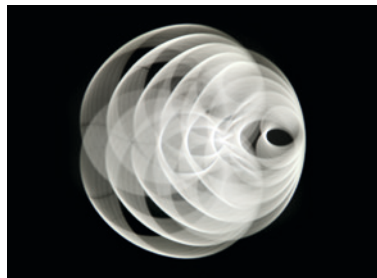
Maximum zoom: 54°

## 3-SECTION PRISM & FROST FILTER

The gobos of the P9 can be combined with the 3-section prism (circular) and/or the frost filter. The prism is indexable and can be rotated infinitely at different speeds.



3-section prism



Prism and circle gobo in rapid rotation



... or slowly rotating.

## CMY COLOR MIX

The CMY color mixing unit of the P9 extends the color spectrum by an almost unlimited number of colors. With their help, absolutely harmonious and graduation-free color gradients or transitions can be created and pastel shades can be mixed without having to compromise on luminosity and intensity.



## PHOTOMETRIC DATA

The P9 HP (High Power) can be used in three light colors!  
– 6800 K, 5800 K or 3200 K –

**6800 K, 15,000 lm output, CRI  $\geq 70$**   
Basic color of the P9 HP



The P9 is a rock 'n' roller in the making and at home on any stage. As an effect spotlight, it is often booked for festivals and events of all kinds and is guaranteed to deliver a fascinating show.

**5800 K, 10,000 lm output, CRI  $\geq 90$**   
with High CRI filter



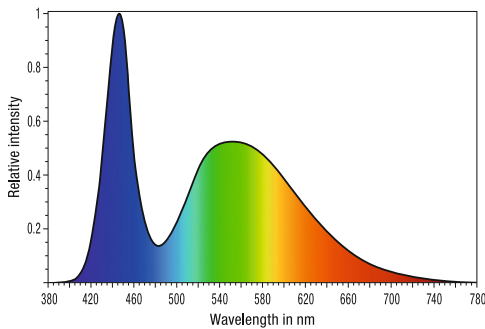
If the focus of the lighting performance is on the most intensive color rendition and natural skin tones, the P9 with its high CRI filter plays perfectly into the limelight.

**3200 K, 7,000 lm output, CRI  $\geq 90$**   
with CTO filter

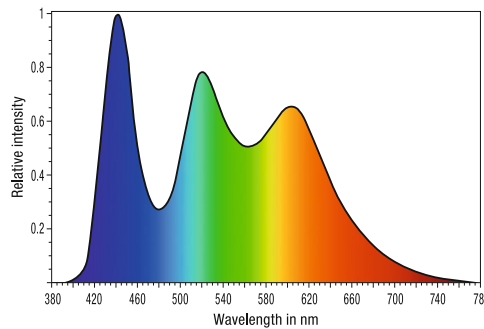


The P9 is an enormously versatile spotlight. Thanks to the CTO filter, it easily blends into a halogen environment and does not only sound very quiet on TV or in the theatre.

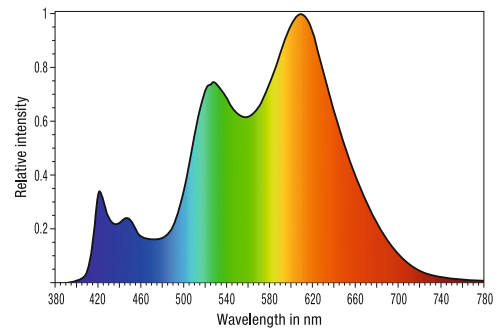
RELATIVE SPECTRAL DISTRIBUTION



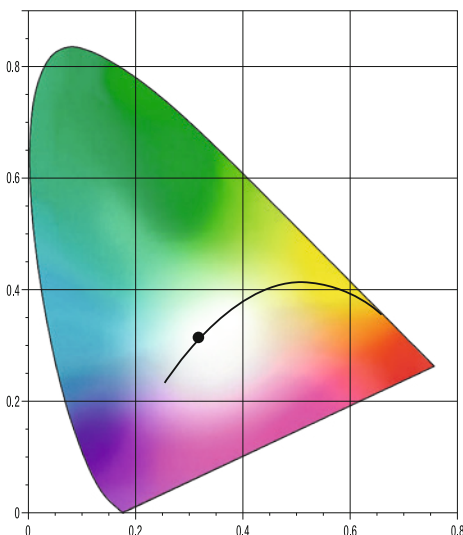
RELATIVE SPECTRAL DISTRIBUTION



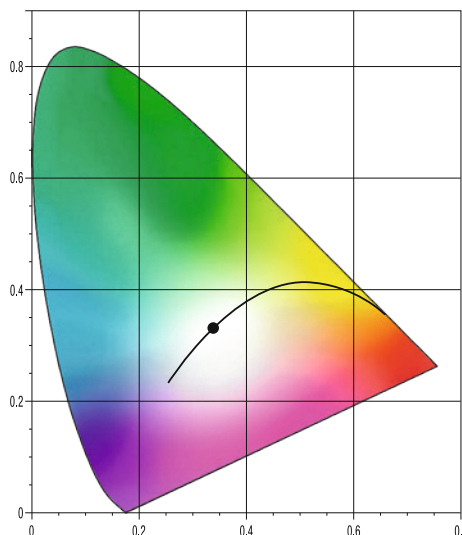
RELATIVE SPECTRAL DISTRIBUTION



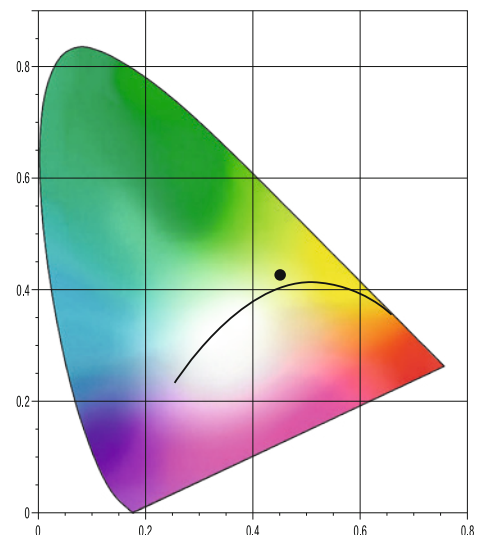
CHROMATICITY COORDINATES X,Y CIE 1931



CHROMATICITY COORDINATES X,Y CIE 1931



CHROMATICITY COORDINATES X,Y CIE 1931





## Technical specifications:

### Optics and light source

- 330 W white light LED module
- HP (High Power): 6800 K; 25,000 lm (15,000 lm output); CRI ≥70
- Zoom range: 3.4° – 54° (1:15.9)
- Large light-emitting lens Ø 135 mm
- > 20,000 h life time
- Flicker-free operation, camera mode: 100, 120, 600 Hz and 3 kHz

### Effects

- 1 gobo wheel with 11 static gobos + open
- 1 gobo wheel with 7 rotatable, positionable and interchangeable gobos incl. multicolor gobo + open
- 1 color wheel with 7 full and half colors + linear CTO + open
- CTB filter (8500 K) for automatic colour correction with gobo application
- High CRI filter: 5800 K, CRI ≥90
- CTO filter: 3200 K, CRI ≥90
- CMY color mixing unit for rapid, even color mixing
- Infinitely adjustable frost filter, 5°, exchangeable – further frost levels optionally available
- 3-section prism circular, rotatable and indexable
- Motorised, infinitely adjustable high-speed iris
- Electronic dimmer 0%–100%
- Electronic shutter with pre-programmed pulse and ramp functions
- Sparkle effect
- Focus system with auto-focus function

### Movement

- High-resolution, powerful 3-phase stepper motors
- Precise, very fast and silent movements
- 540° Pan / 280° Tilt

### Control and programming

- USITT DMX-512, RDM
- Ethernet interface with Art-Net and sACN
- Wireless DMX / RDM Lumen Radio CRMX TiMo
- Mini USB-for software update
- Stand-alone mode, Master/Slave function
- Error analysis and DMX analysis

### Construction

- Original JB-Lighting slide-in module technology
- Robust, roadworthy design with 4 carrying handles
- Pan/Tilt transport lock
- Fan control for almost noiseless operation, 29 dB(A)
- LCD display with function keys and battery buffer, electronically rotatable
- 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, with four different fastening options

### Elektrical specification

- Maximum power consumption 460 VA
- Input voltage range 100V–240V, 50/60 Hz

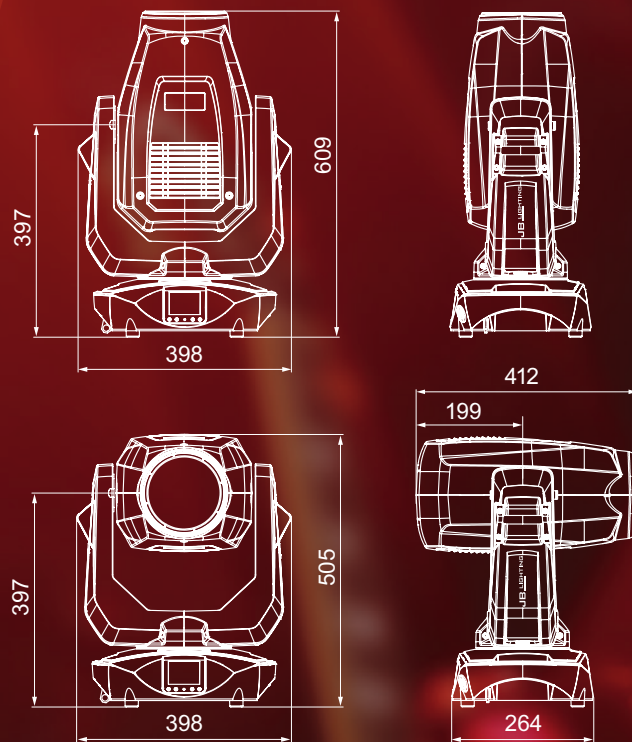
### Mechanical specification

- Dimensions: W 398 x H 609 x D 264 mm
- Weight: 17 kg

### Scope of delivery

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

## Dimensions:



## + Accessories:

- **AMPTOWN double** (Code CASE40)
  - with SiP foam inlet, stacking troughs and a scan window
  - Dimensions: W 60 x D 60 x H 82 cm
  - Weight without (incl. fixtures): approx. 40 (74) kg
- **AMPTOWN 4-compartment** (Code CASE41)
  - with SiP foam inlet, stacking troughs and a scan window
  - Dimensions: W 117 x D 60 x H 82 cm
  - Weight without (incl. fixtures): approx. 70 (138) kg



# JB LIGHTING

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