JB LIGHTING

P18

1,000 W
LED WASH
with framing module

The showmaster with Fresnel lens: incredibly bright, quiet and brilliant!

P18

Output
34,000
lumen

Zoom
13°–65°
(1:5)

only
29 dB(A)
extremely quiet

only
31 kg
weight

1,000 W
white light LED

Made in GERMANY

...JUST BRILLIANT

Raise the curtain for the P18 Wash –
extremely bright, efficient and quiet!

The high-performance P18 Wash washlight, with 1,000 watt white light LED module, framing module and wash optics with Fresnel lens, was specially designed for large show and theatre stages.

Fast, precise and almost noiseless, this powerful LED washlight provides one highlight after the other. Thanks to its compact size, the P18 Wash is a real lightweight (31 kg) with incredible luminosity and intensity. Furthermore, it can hardly be surpassed in terms of energy efficiency and beam quality. The P18 Wash from JB-Lighting is a showmaster who knows how to impress on every stage, always keeps a cool head and no longer has to change the light source – the best **'Made in Germany' quality** and the perfect replacement for classic, maximum-power washlights with discharge lamps of up to 2,000 watts.

The modular equipment of the P18 Wash offers light technicians a wide range of options depending on the use, with features such as:

- Zoom from 13°–65° (1:5)
- Ultra-quiet 29 dB(A)
- Flicker-free operation, camera mode 100 Hz–3 kHz
- Framing module with 4 blades
- CMY color mixing unit and linear CTO
- 2 color wheels with colours and correction filters
- 2 stepless, variable frost filters
  (individual beam characteristics adjustable)
- Infinitely adjustable high-speed iris
- Large Fresnel light exit lens
- Graphic color-touch display, rotated electronically

P18 WASH
HP (High Power)
7000 K

61,500 lm (34,000 lm Output)

CRI > 70

P18 WASH
HC (High CRI)
6000 K

47,500 lm (28,000 lm Output)

CRI > 90

DMX   Ethernet   Wifi   Bluetooth

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

6 brilliant colors
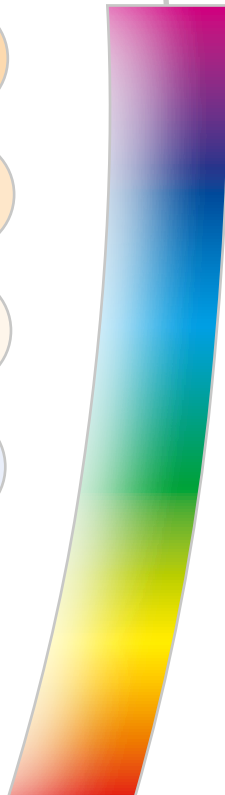
7 correction filters

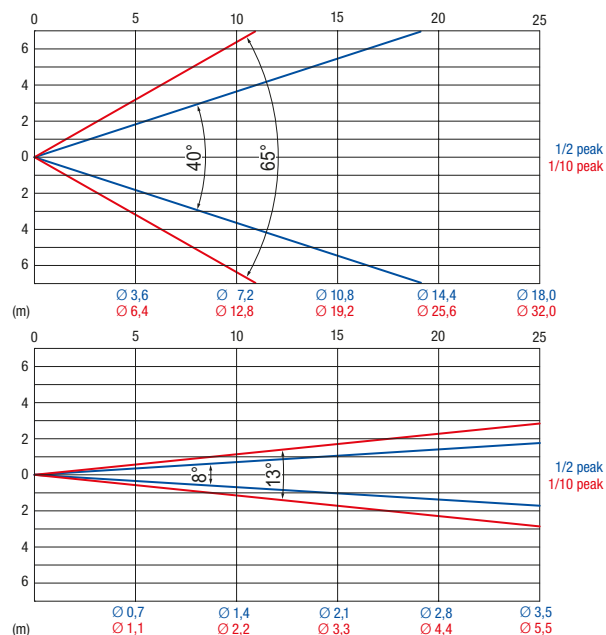**CMY** + variable CTO

CTO 1

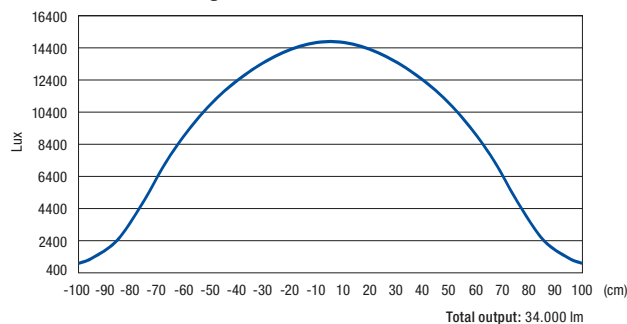CTO 2

CTO 3

CTB 1

CTB 2

CTB 3

UV filter

High CRI filter
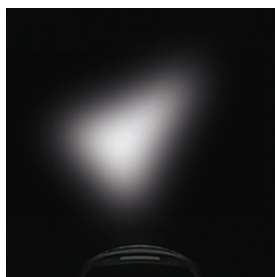
PHOTOMETRIC DATA

Beam angle P18 Wash

40°
65°

1/2 peak
1/10 peak

	Ø 3,6	Ø 7,2	Ø 10,8	Ø 14,4	Ø 18,0
(m)	Ø 6,4	Ø 12,8	Ø 19,2	Ø 25,6	Ø 32,0

8°
13°

1/2 peak
1/10 peak

	Ø 0,7	Ø 1,4	Ø 2,1	Ø 2,8	Ø 3,5
(m)	Ø 1,1	Ø 2,2	Ø 3,3	Ø 4,4	Ø 5,5

Light distribution P18 Wash

Total output: 34.000 lm

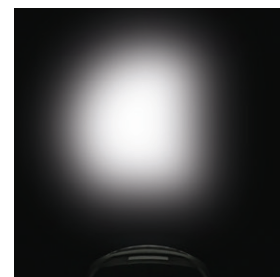## SPECIAL FEATURE P18 WASH: FRAMING MODULE

The P18 Wash is equipped with a framing module capable of rotating 90°.
Each blade can be adjusted independently in position and angle and shuts completely.
This allows fast and precise geometric shapes to be created for targeted
illumination/shading of objects and scenarios.

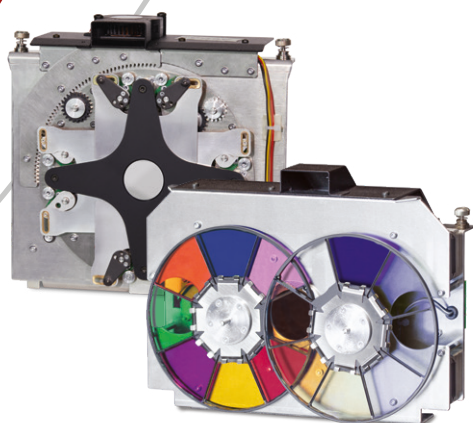Individually controllable blades with variable angle and position

A „total curtain" effect made separately by each of the 4 blades, also exact parallel position possible

Even more diffuse beam character using focus and frost

JB SLIDE-IN TECHNOLOGY

Cleaning, color and correction filter changes are easily possible with the P18 Wash,
as all inserts can be removed without tools or manual cable cutting.

Technical specifications:

⬛ Optics and light source

- 1,000 W white light LED module
  HP (High Power): 7000 K; 61,500 lm (34,000 lm Output); CRI > 70
  HC (High CRI): 6000 K; 47,500 lm (28,000 lm Output); CRI > 90
- > 20,000 h life time
- Flicker-free operation, camera mode 100 Hz – 3 kHz
- Zoom range: 13° – 65° (1:5)
- Large Fresnel light exit lens

⬛ Effects

- 1 color wheel with 6 full and semi colors + open also linear
  color selection, color filters interchangeable
- 1 color wheel with 7 changeable correction filters
- CMY color mixing unit for fast and homogeneous color
  mixing + linear CTO
- High CRI filter
- Framing module with 4 blades – each fully closing (total curtain)
  and with separate motion and rotation control, module can be
  rotated by 90°
- Motorised infinitely adjustable high-speed iris with 18 fins
- 2 frost filters (soft edge/flood frost), continuously variable
  – optional further frost stages possible
- Electronic dimmer 0 % – 100 %
- Electronic shutter with preprogrammed puls- and ramp functions
- Zoom range: 13° – 65° (1:5)

⬛ Movement

- 3 phase extra strong stepping motors
- Precise, very fast and silent movement
- 540° pan / 280° 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

- Original JB-Lighting slide-in module technology
- Rugged construction
- Transport lock for pan/tilt
- Fan control for almost noiseless operation, 29 dB(A)
- Graphical display, electronically revolvable
- Neutrik 5pin XLR IN/OUT
- 2 Neutrik etherCON IN/OUT
- Neutrik powerCON TRUE1 IN/OUT

⬛ Rigging

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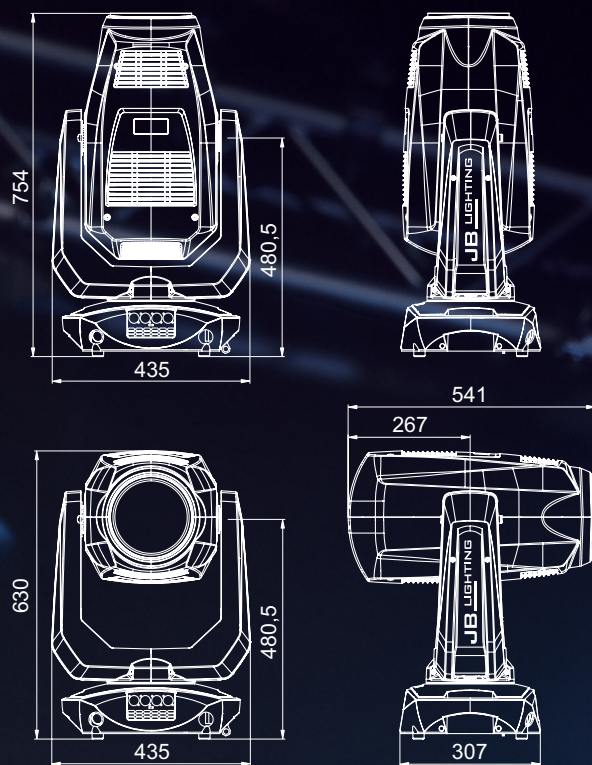 convenient installation with four different fastening options

⬛ Electrical specification

- Max. power consumption 1200 VA
- Input voltage range 100 V – 240 V, 50/60 Hz

⬛ Mechanical specifications

- Dimensions: W 435 x H 754 x D 307 mm
- Weight: 31 kg

Dimensions:

754
480,5
435
541
267
630
480,5
435
307

⊕ Accessories – flight cases:

AMPTOWN single with SiP foam inlet (Code CASE31)
- Dimensions: W 60 x H 86 x D 58 cm
- Weight without (incl. fixtures): approx. 48 (80) kg

AMPTOWN double with SiP foam inlet (Code CASE32)
- Dimensions: W 120 x H 86 x D 58 cm
- Weight without (incl. fixtures): approx. 74 (138) kg

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