

**JB LIGHTING**

# P18

**1,000 W**  
**LED WASH**

with framing module

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

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](http://www.jb-lighting.de)

**6**  
brilliant  
colors

**7**  
correction  
filters

**CMY**  
+ variable  
CTO



CTO 1

CTO 2

CTO 3

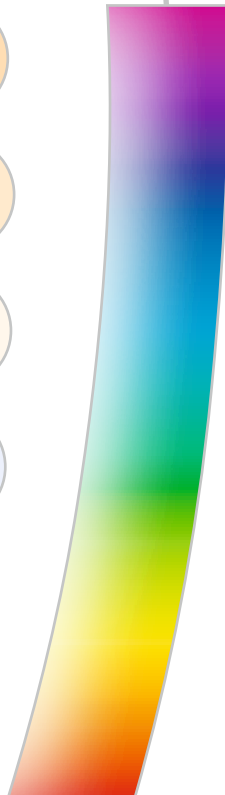
CTB 1

CTB 2

CTB 3

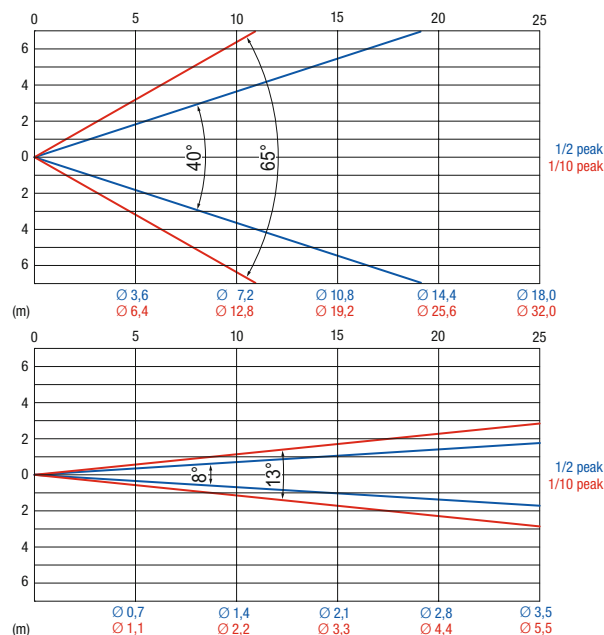
UV filter

High  
CRI filter

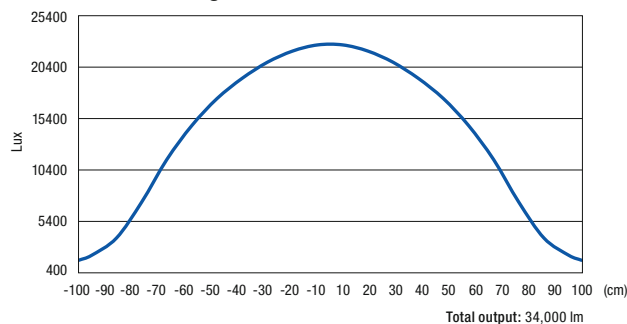


## PHOTOMETRIC DATA

### Beam angle P18 Wash

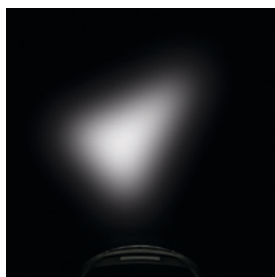


### Light distribution P18 Wash

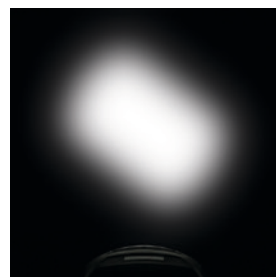


## SPECIAL FEATURE P18 WASH: FRAMING MODULE

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



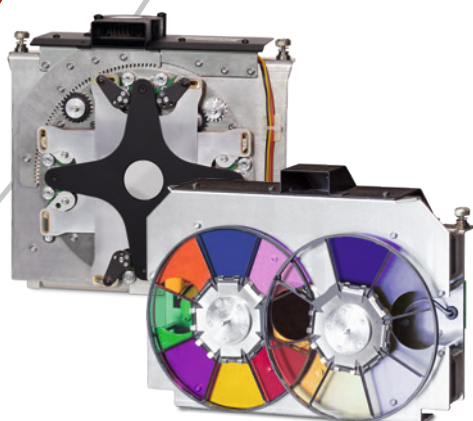
A „total curtain“ effect made separately by each of the 4 blades, also exact parallel position possible



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

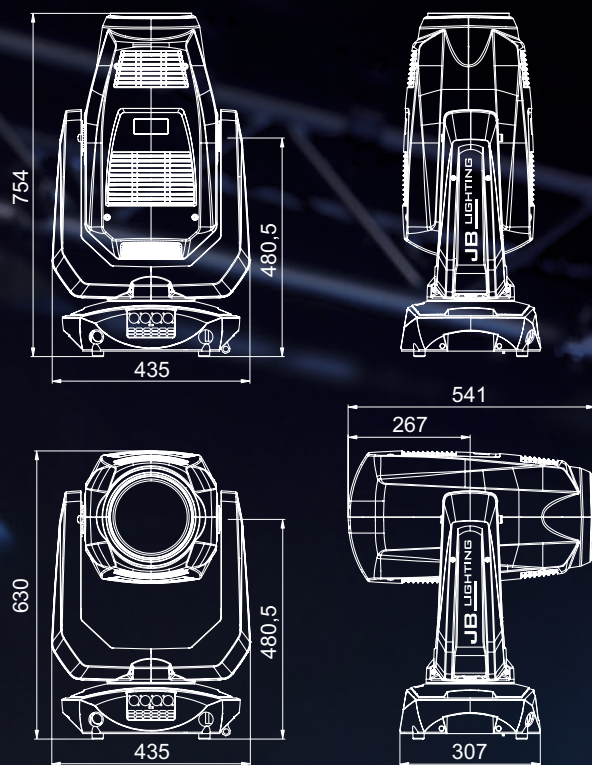
### Electrical specification

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

### Mechanical specifications

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

## Dimensions:



### + 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

