JB LIGHTING

M18

1,200 W PROFILE

with multispectral LED

Output 25,000 lumen at 5800 K

Zoom 6.5°–54° (1:8.3)

only 28 dB(A) extremely quiet

only 32 kg weight

CRI 95

1,200 W Multi-Spectral-LED

Made in GERMANY

The impressively bright theatre pro with brilliant color diversity!

...JUST BRILLIANT

M18 Profile – the versatile color marvel with spectacular intensity and luminosity!

The M18 is a profile spotlight with 1,200 Watt multispectral LED, framing module and zoom range of 6.5° – 54°, specially designed for color-intensive applications in playhouses, theatres and opera houses. Thanks to its immense luminosity (e.g. 25,000 lm output at 5800 K) the M18 provides breathtakingly bright light projections even from a great distance. The M18 Profile carries out its work exceptionally quietly, extremely precisely and entirely flicker-free – as is to be expected of a product from JB.

The CRI 95 makes skin tones in particular appear completely natural and – thanks to multispectral, additive color mixing – colors are reproduced in a variety and brilliance that is simply outstanding. The M18 Profile is supplied with factory pre-programmed white, color or pastel tones and two gobo wheels with a total of 14 projection gobos specially designed for theatre requirements. Furthermore, the M18 Profile has two stepless frost filters (1°, 5°), two rotating prisms and a fully-fledged animation wheel that can be rotated endlessly and seamlessly.

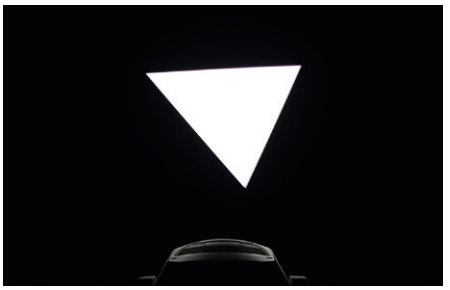
The M18 Profile is a true theatre pro with features including:

- Zoom from 6.5°–54° (1:8.3)
- CMY, RGB and RGBYA color mixing
- Framing module (rotatable by +/- 65°) with 4 blades, each blade can be rotated independently by +/- 30°
- 1 gobo wheel with 6 rotating gobos
- 1 gobo wheel with 8 static gobos
- Endlessly rotating animation wheel for water and fire effects
- 2 infinitely adjustable frost filters
- 2 prisms (3-facet circular and 5-facet linear)
- Animation effect
- Infinitely adjustable high-speed iris
- Large light-emitting lens
- Ultra-quiet 28 dB(A)
- Graphic display, electronically rotatable and with a battery backup
- Flicker-free operation, camera mode: 100|120|600 Hz and 3 kHz
- Convenient to use thanks to 32 kg weight and 4 carrying handles
- The white light color temperature is seamlessly adjustable from 2000 to 20,000 Kelvin

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

M18 PROFILE – FRAMING MODULE

The M18 Profile is equipped with a 130° rotatable framing module. This allows the round shape of the beam to be limited for targeted shading, creating a variety of geometric shapes for partial illumination. Each blade can be adjusted independently in terms of its position and angle. The blades can be pushed in along the entire travel path with the maximum angle of +/- 30°, which is particularly important for very steep shading angles.



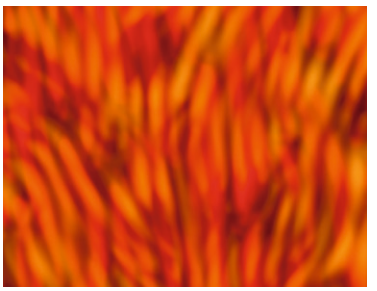
Each individual blade can be continuously rotated (+/-30°) and freely positioned

The four blades can be positioned precisely parallel or at right angles to each other

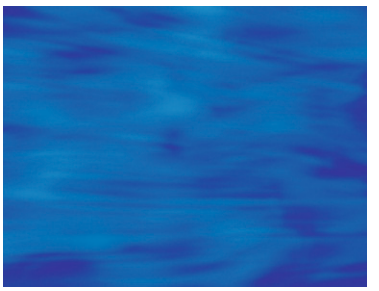
The framing module can be continuously rotated +/- 65° and combined with the frost filters

ANIMATION WHEEL & PRISMS

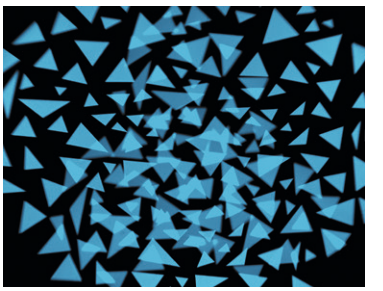
Combine the gobos of the M18 Profile with the endlessly rotating animation wheel to create outstanding fire and water effects with various dynamics. The M18 is also equipped with two prisms (3-section circular and 5-section linear), which add even greater pattern variety and movement to the stage design.



Fire effect



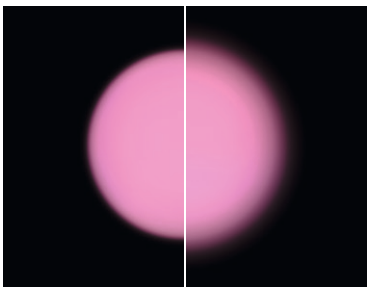
Water effect



Triangular gobo with 3-section prism

ZOOM RANGE & FROST FILTERS

The M18 Profile allows you to produce extremely sharp and homogeneous beams from 6.5° – 54°, which can be combined with one of the two stepless frost filters (1°, 5°) if required – e.g. for wash effects.



Soft edge, 1° Flood frost, 5°

Minimum zoom (6.5°)

Maximum zoom (54°)

JB SLIDE-IN TECHNOLOGY

Cleaning and gobo changing are easy. All slide-ins can be removed without tools or manual cable disconnection.

Technical specifications:

Optics and light source
- 1,200 W RGBYA LED module
- 42.900 lm (25.000 lm Output at 5800 K); CRI max. 95
- > 20,000 h life time
- Flicker-free operation, camera mode: 100, 120, 600 Hz and 3 kHz
- Zoom range: 6.5° – 54° (1: 8.3)

Effects
- 1 gobo wheel with 8 static, interchangeable gobos + open
- 1 gobo wheel with 6 rotate-, position- and interchangeable gobos + open
- CMY, RGB and RGBYA color mixing
- CRI adjustable from 80 to max. 95
- The white light color temperature is seamlessly adjustable from 2000 to 20,000 Kelvin
- Framing module with 4 blades – each with separate motion and rotation control, the module can be rotated by 130° (+/- 65°), each blade independently by +/- 30°
- Endlessly rotating animation wheel for water and fire effects
- Motorised infinitely adjustable high-speed iris with 18 fins
- 1 prism, 3-section circular, rotate- and indexable
- 1 prism, 5-section linear, rotate- and indexable
- 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
- Animation effect
- Focus system with auto focus function
- Zoom range: 6.5°– 54° (1: 8.3)

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 and sACN
- Wireless DMX / RDM Lumen Radio CRMX TiMo
- LCD display with control keys, electronically rotatable and a 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, 28 dB(A)
- Neutrik 5pin XLR IN/OUT
- Neutrik etherCON IN/OUT
- Neutrik powerCON TRUE1 IN/OUT

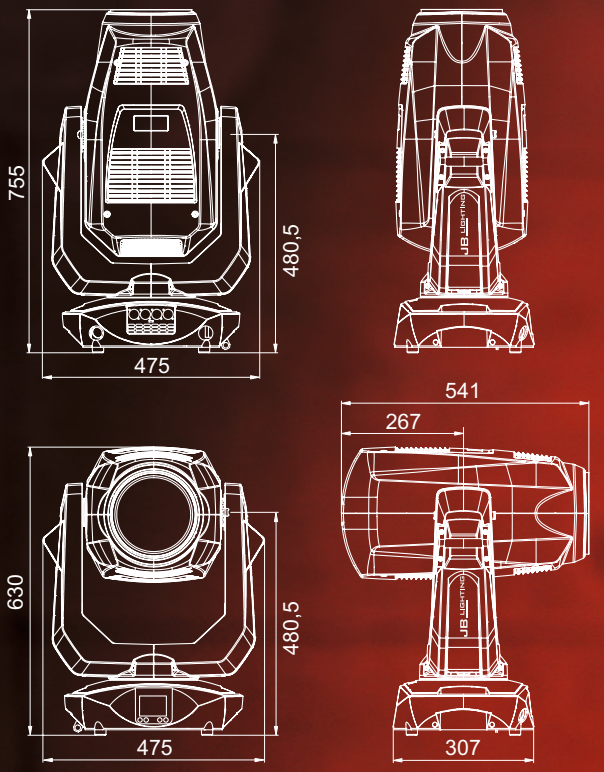
Rigging
- 2 Omega brackets with Original Camloc® fasteners for quick and convenient installation with four different fastening options

Electrical specification
- Max. power consumption 1,600 VA
- Input voltage range 100 V–240 V, 50/60 Hz

Mechanical specifications
- Dimensions: W 475 x H 755 x D 307 mm
- Weight: 32 kg

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

Dimensions:



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Accessories:
- **Lens hood** (Code JBK0315)
- **AMPTOWN single** (Code CASE31)
  – with SiP foam inlet, stacking troughs and scan window
  – Dimensions: W 60 x D 58 x H 86 cm
  – Weight without (incl. fixtures): approx. 48 (80) kg
- **AMPTOWN double** (Code CASE32)
  – with SiP foam inlet, stacking troughs and scan window
  – Dimensions: W 120 x D 58 x H 86 cm
  – Weight without (incl. fixtures): approx. 74 (138) kg

JB LIGHTING

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