

JB LIGHTING

M15

1,000 W
PROFILE
with framing module

Huge range of colors.
Perfect light distribution.
Excellent quality!



Output
21,000
lumens

Zoom
5.2° – 54°
(1:10.4)

CRI
≤ 93
(+/-3)

only
29 dB(A)
extremely
quiet

only
24 kg
weight

1,000 W
multispectral
LED

Made in
GERMANY

...JUST BRILLIANT

M15 Profile: The high-output multi-tool for perfect lighting creations

Featuring a 1,000 W multispectral LED and patented brightness enhancement technology, the M15 Profile is the lighting tool for all lighting designers who demand maximum flexibility and creative freedom: the very best light quality (CRI 93) and the widest possible colour gamut at every event – whether in a permanent installation or on tour.

Whether for white-light applications, powerful colors or silky-smooth pastel tones, its output of 21,000 lm and continuously adjustable CRI of up to 93 (+/-3) ensure that all light colors are reproduced with equal brilliance and exceptional uniformity from centre to edge. This is made possible by its optical system featuring 13 anti-reflection lenses, which also delivers sharply defined mid-air effects. Despite its impressive performance, the M15 operates whisper-quietly, features an extremely compact design and, at just 24 kg, is particularly easy to handle. Its LED module, combining red, green, blue, amber and lime, offers a significantly wider color gamut than conventional white-light fixtures while delivering maximum efficiency and reliability. The M15 also offers an impressive range of effects, led by its framing module with a 4-level blade mechanism, which guarantees precise light shaping even from difficult angles.

The M15 Profile is a true all-rounder, with features including:

- Zoom from 5.2° to 54° (1:10.4)
- CMY-, RGB- and RGBAL color mixing
- Virtual CTC adjustment (2000 K – 13000 K)
- 2 gobo wheels each with 6 rotating precision gobos
- Framing module, +/-65° rotatable with 4 blades, each blade can be rotated by +/-30°
- 2 prisms, 3-section circular and 5-section linear, rotatable
- 2 frost filters (1°, 5°), additional options available
- Infinitely adjustable high-speed iris with 18 fins
- Virtual green/magenta correction
- Unrivalled 29 dB(A) quiet
- Graphic display, electronically rotatable and with a battery backup
- Flicker-free operation, camera mode: 100 | 120 and 600 Hz
- 4 carrying handles for easy handling
- Integrated Follow Mode
- Pre-programmed basic color temperature:

8000 K

7000 K

6500 K

6000 K

5600 K

4200 K

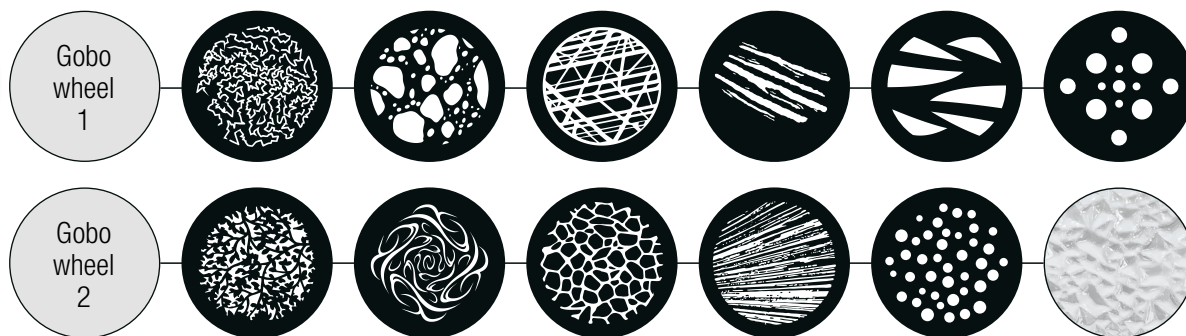
3200 K

2700 K



For more information about the M15 Profile, visit: www.jb-lighting.de

12
rotating
gobos

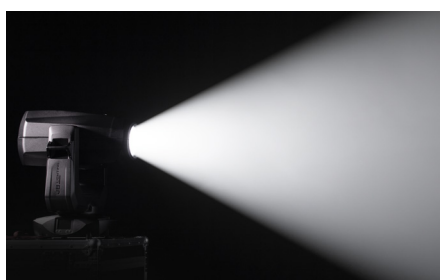


TOP FEATURE: EXCELLENT LIGHT QUALITY & MAXIMUM COLOR VARIETY

Whether it's white tones ranging from 2000 K to 13000 K, rich colors, or the most delicate pastel shades with brilliant intensity – the M15 Profile offers an impressive variety thanks to its RGBAL color space and virtual CTC channel. In addition, the patented brightness enhancement ensures that all light colors shine at their best.

Extended RGBAL color space

Virtual CTC channel: 2000 K – 13000 K



ZOOM RANGE: 5.2° – 54°

The optical system guarantees absolutely uniform illumination and well-defined beams (mid-air effect) across the entire zoom range. Using focus and/or frost, the beam can be intentionally adjusted to the desired degree of blur.

FRAMING MODULE – PRECISE SHADING FROM ANY ANGLE

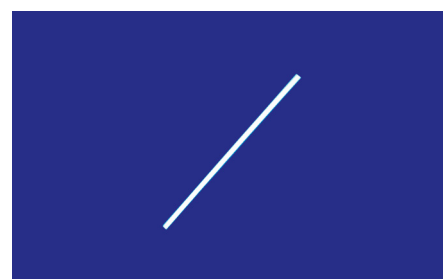
Each of the four blades is mounted on its own plane, can be freely rotated and positioned, and can be slid in at the maximum angle across nearly the entire usable area. This enables precise shading even from very steep angles with minimal light loss. The framing module is also infinitely rotatable through 130° and can be combined with frosted or prismatic finishes.



Each blade can be rotated continuously by +/- 30° and positioned freely



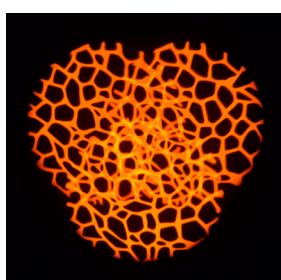
Thanks to the perfectly matched 4-level blade mechanism, you can draw the finest lines



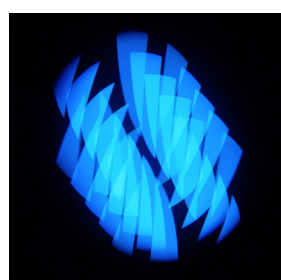
All blades can be pushed in equally wide and exactly parallel

PRISMS & FROST

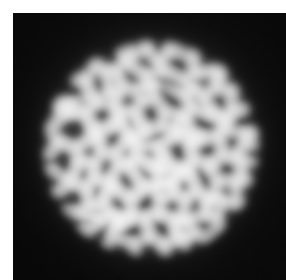
The M15 Profile features two rotating prisms for a wide variety of patterns and lighting effects. Two continuously adjustable, combinable frost filters (1°, 5°) allow for customization of the degree of soft focus.



3-section prism (circular)



5-section prism (linear)



Frost 1° – soft edge

Technical specifications:

Optics and light source

- 1,000 W RGBAL LED module
- 21,000 lm Output; CRI 93 (+/-3); TM-30 Rg: 109 (+/-3), TM-30 Rf: 91 (+/-3)
- Highly-efficient optical system with perfect projection properties, featuring 13 coated anti-reflection lenses
- Light-emitting lens Ø 135 mm
- > 20,000 h life time
- Flicker-free operation, camera mode: 100, 120 and 600 Hz
- Zoom range: 5.2° – 54° (1:10.4)

Effects

- 2 gobo wheels each with 6 rotatable, positionable and replaceable gobos + open
- CMY-, RGB- and RGBAL color mixing
- Pre-programmed white-light color temperatures: 2700 K, 3200 K, 4200 K, 5600 K, 6000 K, 6500 K, 7000 K and 8000 K
- Variable, continuously adjustable CRI 93 (+/-3)
- Framing module with 4 blades, module can be rotated by 130° (+/-65°), each blade can be rotated individually by +/-30
- Virtual green/magenta correction to adapt to the surrounding light
- Virtual CTC adjustment: all light colors 2000 K – 13000 K
- 2 frost filters (soft edge, 1°, flood frost, 5°), infinitely retractable and combinable – can be replaced by JB click system, other frost levels available as options: 2°, 3.5°, 10°, 20°
- 2 prisms, 3-section circular and 5-section linear, rotatable and indexable
- Motorised, infinitely adjustable high-speed iris with 18 fins
- Electronic dimmer 0% – 100%, 3 selectable dimming curves
- Electronic shutter with pre-programmed pulse and ramp functions
- Animation effect / sparkle effect
- Focus system with auto-focus function

Movement

- High-resolution, high-performance 3-phase stepper motors with high-precision ring magnet encoders
- 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 function keys and battery buffer, electronically rotatable
- Micro USB for software update
- Stand-alone mode, Master/Slave function
- Follow Mode ready with attachable handles (accessory)
- 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 pan/tilt
- Prepared for mechanical path limitation for narrow installation spaces
- High-tech heat pipe cooling in conjunction with calibrated silent fans for almost noiseless operation at max. 29 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 and thermal specification

- Maximum power consumption 1,100 VA
- Supply voltage 100V–240V, 50/60 Hz
- Total heat dissipation (calculated): 3,753 BTU/h
- Ambient temperature: 0 to +40° (note the warm-up phase)

Mechanical specifications

- Dimensions: W 421 x D 264 x H 682 mm
- Weight: 24 kg
- LWR specification: (LWR = Lumen to Weight Ratio): 875 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
- LED module: 4 years

Accessories

- ZU0029 Path limitation
- ZUV151 Chaser bracket for Follow Mode
- JBK0322 Lens hood
- CASE38 AMPTOWN double flight case
Dimensions: W 60 x D 60 x H 90 cm
Weight (incl. devices): approx. ca. 48 (94) kg
- CASE39 AMPTOWN 4-compartment flight case
Dimensions: W 120 x D 60 x H 90 cm
Weight (incl. devices): approx. 76 (168) kg



JB LIGHTING

JB-Lighting Lichtenlagentechnik GmbH
Sallersteig 15 · D-89134 Blaustein · Phone +49 7304 9617-0
E-Mail: info@jb-lighting.de · www.jb-lighting.de