

BMFL™ WashBeam EV

The BMFL WashBeam EV is a special version of a standard and extremely popular BMFL WashBeam fixture, which comes with second rotating gobo wheel (instead of animation wheel), offering in total 12 rotating and indexable gobos. The EV version has been designed for Japanese market, but upon request is now available also for other markets.

**Light source**

1700 W OSRAM Lok-it! HTI 1700/PS

**Light output**

41.000 lm, 300.000 lx @ 5 m, 3.000 lx @ 50 m

**Zoom range**

5° - 45°

**Effects**framing shutters, 2 rotating gobo wheels,
interchangeable frost

The BMFL WashBeam EV will enhance any show with its large beam produced through wide 180 mm front lens. With custom light source designed for Robe it produces an astounding 300.000 lux at 5 metres! Two rotating gobo wheels with carefully selected gobos ensure many combinations of in air animations, but can also produce nice spot-like projections on surfaces. Four fast shutter blades with smooth and precise movement offer individually angled positions within a frame - which itself can rotate through 90 degrees, providing a sharp or soft, precisely repeatable frame for the projected image. Fast movement of the framing system also allows unique in air beam effects. Adding frost filters can enhance the projection by adding smooth touches to the beam's edge.

Technical Specification

Source

- Light source type: Compact short-arc metal halide lamp
- Base: PGJX28
- Approved model: OSRAM Lok-it! HTI 1700/PS
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Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 9:1
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- Zoom range: 5° - 45°

Dynamic Effects and Features

- Cyan: 0 - 100%
- Magenta: 0 - 100%
- Yellow: 0 - 100%
- Cyan: 0 - 100%
- Magenta: 0 - 100%
- Yellow: 0 - 100%

Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
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Movement

- Pan movement: 540°
- Tilt movement: 270°
- Movement control: Standard and Speed
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- Tilt movement: 270°
- Movement control: Standard and Speed

Rotating gobos

- 12x rotating glass gobos on 2 wheels
- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm
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- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm

Framing shutters system

- Shutters: 4 Blades, each with separate movement and +- 25° rotation control
- Movement: Smooth with variable speed, ultrafast blade movements for creating mid-air effects
- Pre-programmed: Shape and blade sequences
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- Movement: Smooth with variable speed, ultrafast blade movements for creating mid-air effects
- Pre-programmed: Shape and blade sequences

Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 170°C (338°F)
- Minimum operating temperature: -5°C (23°F)
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- Maximum surface temperature: 170°C (338°F)
- Minimum operating temperature: -5°C (23°F)

Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 200-240 V, 50/60 Hz
- Power consumption: 2000 W at 230 V / 50 Hz
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- Power consumption: 2000 W at 230 V / 50 Hz

Approvals

- cETLus Compliant
- CE Compliant
-
- cETLus Compliant
- CE Compliant
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Mechanical specification

- Height: 826 mm (32,5")
- Width: 483 mm (19)
- Depth: 335 mm (13.2")
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- Width: 483 mm (19)
- Depth: 335 mm (13.2")

Rigging

- Mounting positions: 0°, 32°, 90°
- Universal operating position
- Mounting points: 5 pairs of 1/4-turn locks
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- Universal operating position
- Mounting points: 5 pairs of 1/4-turn locks

Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON In connector
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- Power cord including powerCON In connector

Optional accessories

- Lamp Osram Lok-it HTI 1700/PS: 14080049
- BMFL Handles - 2 pcs in box: 10980233
- BMFL Side Handle: 10980396
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Legal

- BMFL™ is a trademark of Robe lighting s.r.o.
- BMFL™ WashBeam EV is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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Gobos&Colours

Rotating Gobo Wheel 1



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15020292



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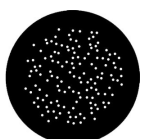


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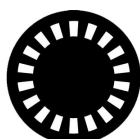


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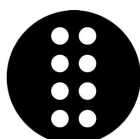
Rotating Gobo Wheel 2



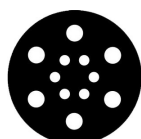
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15020300

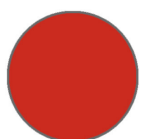


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Colour Wheel 1



14070411



14070393



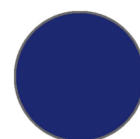
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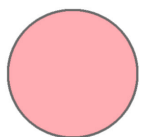


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Colour Wheel 2



99014263



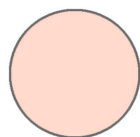
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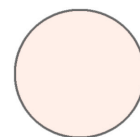
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