

# BMFL™ WashBeam

The strong-arm of the BMFL™ family - the superbly powerful BMFL WashBeam comes with extra bright output and an abundance of great features, e.g newly developed framing shutters, super wide front lens and animation wheel.

**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, rotating gobo wheel,  
interchangeable frost

The BMFL WashBeam 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! Rotating gobo wheel 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

- Lamp: 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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## Dynamic Effects and Features

- Cyan: 0-100 %
- Magenta: 0-100 %
- Yellow: 0-100 %
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- 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, Art-Net, 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

- 6x rotating glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm
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- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm

## Effect wheel

- Single animation wheel
- Material: Aluminium
- Diameter: 109 mm
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- Diameter: 109 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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- Input voltage range: 200-240 V, 50/60 Hz
- Power consumption: 2000 W at 230 V / 50 Hz

## Approvals

- cETLus Compliant
- CE Compliant
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## Mechanical specification

- Height: 826 mm (32.5")
- Width: 483 mm (19.0")
- Depth: 335 mm (13.2")
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- Width: 483 mm (19.0")
- 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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## Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON In connector
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### **Optional accessories**

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

### **Legal**

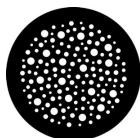
- BMFL™ is a trademark of Robe lighting s.r.o.
- BMFL™ WashBeam is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patent
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## Gobos&Colours

### Rotating Gobo Wheel



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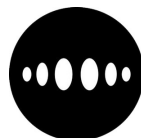
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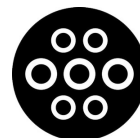
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### Colour Wheel 1



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14070393



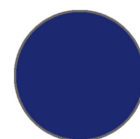
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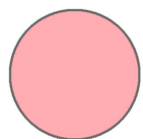


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### Colour Wheel 2



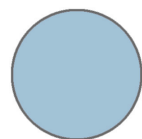
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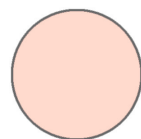
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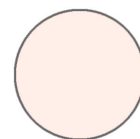
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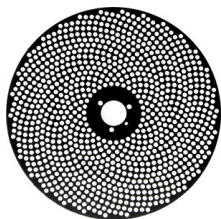


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### Animation Wheel



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