

# BMFL™ Blade

Four fast shutter blades with smooth and precise movement in the new BMFL Blade lighting fixture. Individually angled and positioned within a frame - which itself can rotate through 90 degrees, providing a sharp or soft, precisely repeatable, frame for the projected image.

**Light source**

1700 W OSRAM Lok-it! HTI 1700/PS

**Light output**

40.000 lm, 250.000 lx @ 5 m, 2.500 lx @ 50 m

**Zoom range**

5° - 55°

**Effects**

rotating and static gobo wheel, circular and linear prism, framing shutters, animation wheel



Producing a new series of fast-moving in-air effects through pre-programmed shape and movement sequences of the blades, gobo images can be trimmed or framed in a regular, triangular or trapezoid shape. Each pair of opposing blades can close to a complete blackout. Two gobo wheels - one rotating with six slot&lock gobo positions plus another with 8 static gobos can be combined with the Animation wheel to create numerous dynamic projected effects.

Add all this to the already acclaimed BMFL features including: exceptionally smooth linear dimming, Imperceptible high definition colour mixing, full width beam, Output in excess of 250,000 lux at 5 metres - and the Robe EMS™ (Electronic Motion Stabiliser) technology, enabling the BMFL™ to both move and stop faster and more precisely than any other fixture in its class - all this housed in a compact body profile weighing just 37,9 Kgs.

# 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 11:1
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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, 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

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

## Static gobos

- 8x static glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm
- 8x static glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm

## Effect wheel

- Single animation wheel
- Material: Aluminium
- Diameter: 109 mm
- Single animation wheel
- Material: Aluminium
- 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

- CE Compliant
- cETLus Compliant
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- cETLus Compliant

## Mechanical specification

- Height: 813 mm (32")
- 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 locking points
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- Mounting points: 5 pairs of 1/4-turn locking points

### **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: 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™ Blade 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



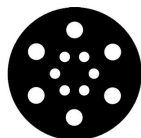
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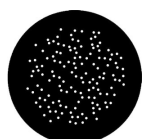


15020297



15020301

## Static Gobo Wheel



15020296



15020291



15020292



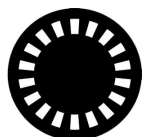
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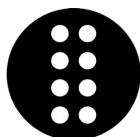
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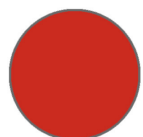


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15020299

## Colour Wheel 1



14070411



14070393



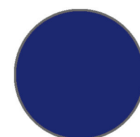
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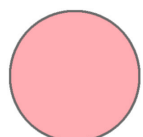


14070396



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## Colour Wheel 2



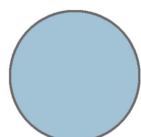
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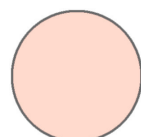
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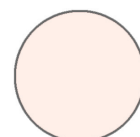
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## Animation Wheel

