

BMFL™ Wash / Wash XF

BMFL™ - Wash is the ultimate fresnel based 1.700 W lamp based wash light with large 200 mm diameter front fresnel lens for high quality traditional wash output ranging from punchy tight 4.5° to smooth 55°.

**Light source**

Osram Lok-it! HTI 1700/PS

**Light output**

38.000 lm at 1.700 W

**Zoom range**

4.5° - 55°

**Effects**

Beam Shaper module, Scrim Module



Custom interchangeable frost filters with three grades (light, medium and heavy) for extremely gentle soft touch. CMY + CTO colour mixing filters for the unprecedented BMFL quality of colour transitions and two color wheels with 6 colours each, one with custom replaceable "SLOT&LOCK" positions. Advanced DMX controllable edge aberration correction for smoother hues and seamless coverage.

The Optional XF module expands the features of the BMFL™ Wash with innovative internal Scrim having a graduated filter, which can be inserted to the light path and allowing rotation of the whole assembly +/- 180° to achieve even wash coverage when projecting onto a non-perpendicular surface and internal motorised barndoors for creating different unique shapes and chases which also simulate barndoor effects. The barndoor module consists of four individually controllable blades and is rotatable by +/- 90°.

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 12:1
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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, 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

Optional XF module contains

- Scrim: Graduated filter position control, +/- 180° module rotation (Patent pending)
- Internal barndoors: individual position control of 4 "doors", +/- 90° module rotation (Patent pending)
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- Internal barndoors: individual position control of 4 "doors", +/- 90° module rotation (Patent pending)

Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 100 °C (212 °F)
- Minimum operating temperature: -5 °C (23 °F)
- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 100 °C (212 °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: 2.000 W at 230 V / 50 Hz
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- Input voltage range: 200-240 V, 50/60 Hz
- Power consumption: 2.000 W at 230 V / 50 Hz

Approvals

- cETLus Compliant
- CE Compliant
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- CE Compliant

Mechanical specification

- Height: 826 mm (32.5") - head in vertical position
- 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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- Universal operating position
- 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
- Module XF for Robin BMFL Wash: 10980266
- Doughty Trigger Clamp : 17030386
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Legal

- BMFL™ is a trademark of Robe lighting s.r.o.
- BMFL™ Wash / Wash XF is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patent
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