

# BMFL™ FollowSpot LT

BMFL FollowSpot LT - A compact, affordable solution for the larger arena.

**Light source**

1700 W OSRAM Lok-it! HTI 1700/PS

**Light output**

34.600 lm, 455.000 lx @ 5 m

**Zoom range**

1° - 8°

**Effects**

CMY, 2 Colour wheels, Frost, Iris



Further adding to the ground breaking RoboSpot system, the FollowSpot LT is designed for the larger venue that requires a longer throw distance, tighter beam and greater output power. The LT is the same size and weight as the standard BMFL FollowSpot, which is substantially smaller than other products of similar power. The proprietary optical design provides a 8:1 zoom ratio (1 - 8 degrees) and an output exceeding 455,000 lux at 5 metres.

Like the standard BMFL FollowSpot, the LT can be operated as a manual, stand-alone follow spot using the Robe LightMaster-Side and LightMaster-Rear control kits. Similarly, the LT can be operated remotely using the Robe RoboSpot MDC remote follow spot system and is pre-wired for the Digital Camera.

Packed with all the features you would expect from a BMFL series product, including, imperceptible colour mixing, fixed colour filters, 6000K native colour temperature, Cri>92, Variable CTO to 2700 & CTB to 9000K, fixed & variable frost filters, focus, zoom and a fast iris.

# Technical Specification

## Source

- Light source type: Compact short-arc metal halide lamp
- Base: PGJX28
- Approved model: OSRAM Lok-it! HTI 1700/PS
- Lifetime: 750 hours @ 1700 W / 1500 W / Quiet mode
- CRI: CRI 92+
- Colour temperature: 6.000K
- Control: Automatic and remote on/off
- Ballast: Electronic

## Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 8:1
- Zoom range: 1° - 8°
- Output lens diameter: 180 mm
- Dichroic glass reflector for maximising the light efficiency
- High efficient component optics
- Fixture total lumen output:
  - 34.600 lm @ 1700 W
  - 32.180 lm @ 1500 W
  - 28.370 lm @ 1200 W (Quiet mode)
- Illuminance: 455.000 lx @ 5 m

## Dynamic Effects and Features

- Cyan: 0 - 100%
- Magenta: 0 - 100%
- Yellow: 0 - 100%
- Variable CTO: 2.700 - 6.000 K
- Colour Wheel 1: 6 fixed dichroic colours: deep red, deep blue, orange, green, magenta, congo blue + white
- Colour Wheel 2: 6 replaceable "SLOT&LOCK" dichroic colours: pink, lavender, laser green, 9000 K CTB, minus half and minus green + white
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- Frost: Variable Light, Medium plus replaceable Heavy (two another frosts included)
- Motorized zoom and focus
- Shutter: Separate dual blade system, variable strobe effect up to 10 Hz, full black out
- Dimmer: Optimized dual blade system for exceptional smooth dimming

## 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
- REAP™ - Robe Ethernet Access Portal
- Wireless CRMX™ technology from Lumen Radio - on request
- DMX Protocol modes: 2
- Control channels: 33, 27
- Pan & Tilt resolution: 16 bit
- CMY & CTO: 8 bit
- Iris: 8 or 16 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit

## Movement

- Pan movement: 540°
- Tilt movement: 270°
- Movement control: Standard and Speed
- Controllable speed of Pan & Tilt movement
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patented)
- Automatic Pan & Tilt position correction

## Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 170°C (338°F)
- Minimum operating temperature: -5°C (23°F)
- Total heat dissipation: max. 5800 BTU/h (calculated)

## 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
- Power in connector: Neutrik powerCON
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45

## Approvals

- cETLus Compliant
- CE Compliant

## Mechanical specification

- Height: 813 mm (32") - Head in vertical position
- Width: 483 mm (19")
- Depth: 335 mm (13.2")
- Weight: 38.1 kg (84.0 lbs)
- Ingress protection rating: IP20

## Rigging

- Mounting positions: 0°, 32°, 90°
- Universal operating position
- Mounting points: 5 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4-turn quick locks
- Safety cable attachment point
- Pan & Tilt transport locks

## Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- 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
- RoboSpot Camera: 10080311
- Doughty Trigger Clamp: 17030386
- Safety wire 50 kg: 99011957
- Single Top Loader Case: 10120226
- Dual Top Loader Case: 10120227

## Legal

- BMFL™ is a trademark of Robe lighting s. r. o.
- BMFL™ FollowSpot LT is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents