

Tel: +420-571-751500 Fax: +420-571-751515 Email: info@robe.cz

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.



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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

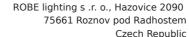
• Cyan: 0 - 100%

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 repleceable Heavy (two another frosts included)
- Motorized zoom and focus
- Shutter: Separate dual blade system, variable strobe effect up to 10 Hz, full black out



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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



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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



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Legal

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