ROBE lighting s .r. o., Hazovice 2090
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LEDBeam 150™

The best things come in small packages, now with zoom included. LEDBeam 150 is the answer with fast sweeping beams and a wide far-reaching quality wash in compact housing.

Light source

7x 40W RGBW multichips

Light output

2.842 lm, 12.200 lux @ 5m

Zoom range

3,8° – 60°

The spectacular zoom range of 3.8° to 60° uses an eminent custom-designed optical system, now equipped with Robe's innovative lens coating technology which brings benefits such as bright and clear lenses, no scratches or marks, higher light output and longer intervals between cleaning. The unique LEDBeam 150 FW offers Fresnel-Wash type of light output for even smooth edges and better color homogenization.

Attractive colorful chases and smooth transitions are powered by a cluster of high power multichip 40W RGBW LEDs.

A highly optimized motorised control produces speedy pan and tilt movement. Besides intense strobing capabilities, both LEDBeam 150 and LEDBeam 150 FW also offer gentle 18-bit dimming, including Tungsten lamp effects.

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Technical Specification

Source

- Light source type: 7x 40W RGBW multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours
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Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio: 15,5:1
- Zoom range: 3,8° - 60°
- Fixture total lumen output: 2.842 lm
- Illuminance: 12.200lx @ 5 m
- Innovative lens coating technology (Patent pending)
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Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Tungsten lamp effect: 750W, 1.000W, 1.200W, 2.000W, 2.500W lamp emulation for whites from 2.700K to 4.200K (red shift and thermal delay)
- Motorized zoom
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
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Control and programming

- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 40 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio - on request
- DMX Protocol modes: 2
- Control channels: 22, 16
- Pan/Tilt resolution: 8 or 16 bit
- RGBW/CMY: 8 or 16 bit

- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)
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Movement

- Pan movement: 450°
- Tilt movement: 228°
- Movement control: Standard and Speed
- Controllable speed of Pan/Tilt movement
- Automatic Pan/Tilt position correction
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Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 80°C (176°F)
- Minimum operating temperature: -5°C (23°F)
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Noise Levels

- Sound pressure level:
  - 18 dB(A) at 1 m (quiet mode)
  - 34 dB(A) at 1 m (auto mode)
- Sound power level:
  - 26 dB(A) (quiet mode)
  - 42 dB(A) (auto mode)
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Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: Max. 220 W
- Power in/out connector: Neutrik powerCON in/out
- DMX and RDM data in/out: Locking 5-pin XLR
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Approvals

- CE Compliant

- cETLus Compliant
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Mechanical specification

- Height: 337 mm (13.3")
- Width: 244 mm (9.6")
- Depth: 149 mm (5.9")
- Weight: 5.7 kg (12.6 lbs)
- Ingress protection rating: IP20
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Rigging

- Mounting points: 1 pair of ¼-turn locks
- 1x Omega adaptor with ¼-turn quick locks
- Universal operating position
- Safety cable attachment point
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Included items

- User Manual
- Omega Adaptor CL-regular
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Optional accessories

- Diffusion filter 2° FW: 10980423
- Clear lens cover: 10980604
- Wireless DMX external module: 10980127
- EggCrate: 10980346
- Safety wire 36 kg: 99011963
- Mains Cable PowerCON In/Schuko 2m: 13051724
- Mains Cable PowerCON In/CEE 16A 2m: 13051725
- Mains Cable PowerCON In/US 2m: 13051726
- Mains Cable PowerCON In/open ended 2m : 13051731
- Daisy Chain PowerCON In/Out EU 2m : 13051727
- Daisy Chain PowerCON In/Out US 2m : 13051728
- Single Top Loader Case: 10120214
- Quad Top Loader Case: 10120215
- Eight Pack Top Loader Case: 10120216

- Dual Foam Shell: 20020300
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Legal

- LEDBeam 150™ is a trademark of Robe lighting s.r.o.
- LEDBeam 150™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patent
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