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LEDBeam 150™

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

Attractive colorful chases and smooth transitions are powered by a cluster of high power multichip 30W RGBW LEDs. The spectacular zoom range of 3,8° to 60° uses an eminent custom-designed optical system. A highly optimized motorised control produces speedy pan and tilt movement. Besides intense strobing capabilities, the LEDBeam 150 also offers gentle 18-bit dimming, including Tungsten lamp effects. Simplified control via pre-programmed colors on a virtual color wheel and various strobing and pulsing effects allows quick and easy programming.

Light source
7x 30W RGBW multichips

Light output
2.842 lm, 12.200 lux @ 5m

Zoom range
3,8° – 60°

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Technical Specification

SOURCE

- Light source type: 7x 30W RGBW multichips
- LED life expectancy: min. 20.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours

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
- Light output: 12.200 lx @ 5 m

DYNAMIC EFFECTS

- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay)
- Motorized zoom
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%

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

MOVEMENT

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

THERMAL SPECIFICATION

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

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

APPROVALS

- CE Compliant
- cETLus Compliant (pending)

MECHANICAL SPECIFICATION

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

RIGGING

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

INCLUDED ITEMS

- User Manual
- Omega Adaptor CL-regular

ACCESSORIES

- Diffusion filter 2°: 10980423
- Wireless DMX external module: 10980127
- EggCrate: 10980346
- Safety wire 35 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
- Foam Shell: 20020300

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