

# LEDBeam 100™

Robe's super fast ROBIN® LED Beam 100 is the ultimate effects lighting tool.

A highly optimized motorised control produces speedy pan and tilt movement, three LED zones allow the creation of various colour chases, and the extra punchy 7 degree beam angle can be amplified with fast strobing. Simplified control via pre-programmed of colours, colour chases and effects on a virtual colour wheel and various strobing and pulsing effects allow quick and easy programming.

**Light source**

12x 15W RGBW multichips

**LIGHT OUTPUT**

5.960 lux @ 5 m / 3.220 lm

**Zoom range**

7°

**Effects**

3 LED zones, virtual colour wheel, strobe effects

# Technical Specification

## SOURCE

- Light source: 12x 15W RGBW multichips
- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours

## OPTICAL SYSTEM AND EFFECTS

- High efficient component optics
- Beam angle 7°
- RGBW (CMY), 8 or 16 bit colour mixing
- CTO filter
- Virtual colour wheel with pre-programmed 237 colours including whites (2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K)
- Three LED zones
- Individual colour control of each LED zone
- Tungsten lamp effect at whites 2.700 K and 3.200 K
- Colour rainbow effects in both directions with variable speed
- Zone colour effects in both directions with variable speed
- High resolution dimmer 0-100%
- Strobe effect with variable speed (max. 20 flashes per second)
- Individual zone strobe effects with variable speed
- Pre-programmed random strobe & pulse effects

## CONTROL AND PROGRAMMING

- Setting & Addressing: two-row LCD display & 4 control buttons
- Protocols: USITT DMX-512, RDM
- Optional wireless external module available: CRMX™ technology from Lumen Radio
- Control channels: 35, 19, 14, 9, 35, 37
- 6 DMX protocol modes
- 6-editable programs, each up to 25 steps
- Stand-alone operation
- Pan and Tilt movement range: 450°/300°
- Data in/out: Locking 5-pin XLR
- Power in/out: Neutrik PowerCon
- Built-in analyzer for easy fault finding

## THERMAL

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum housing temperature: 75 °C (167 °F)

## ELECTRICAL SPECIFICATION

- Electronic auto-ranging
- Input voltage: 100-240 V AC, 50-60 Hz
- Max. power consumption: 200 W

## **MECHANICAL SPECIFICATION**

- Height: 314 mm (12.4")
- Width: 233 mm (9.2")
- Depth: 149 mm (5.9")
- Weight: 4 kg (8.8 lbs)

## **RIGGING**

- Mounting points: one pair of ¼-turn locks
- 1 x Omega brackets with ¼-turn quick locks

## **OPTIONAL ACCESSORIES**

- Top hat
- Diffusion filter 10°
- Diffusion filter 20°
- Diffusion filter 40°
- Wireless DMX module
- Line Cords PowerCon In
- Line Cords PowerCon In/Out

