

LEDBeam 1000™

Here comes the new master of the popular ROBE LED series: Robin 1000 LEDBeam.

**Light source**

37x 15 W RGBW multichips

**Light output**

18.000 lux @ 5 m / 9.060 lm

**Zoom range**

4° - 63°

**Effects**

3 LED rings control, tungsten lamp effect, fast strobe



When you observe the punchy, tight 4° beam cut through the atmosphere and then open up to a smooth wide 63° wash output, you start to appreciate the beauty of this beast. Based on an array of powerful 15W RGBW LED multichips, with revolutionary optics especially developed for a high output under any circumstance and with the moving head fitted with fast-spin motors which utilize our popular super speedy software driving technique (as used in our Pointe and Robin 100 LEDBeam), this is the right unit that you need for any high profile stage, long distance throw or extra wide theatre scene. All the very important software features of the LED series have been incorporated - including CMY/RGBW colour mixing, improved smooth dimming, tungsten lamp emulation, variable CTO or powerful strobe, which in turn make the new Robin 1000 LEDBeam a very appealing wash/beam solution.

Technical Specification

Source

- Light Source Type: 37x 15 W RGBW multichips
- Fixture total lumen output: 16.000 lm
- Light Output: 18.000 lx @ 5 m
- LED Life Expectancy: minimum 60 000 hours
- Typical Lumen Maintenance: 70% @ 60 000 hours

Optical system and effects

- High efficient component optics
- Zoom range: 4°-63°
- Colour Mixing System: RGBW/CMYW 8-bit or 16-bit
- CTO filter
- Virtual colour wheel with pre-programmed 237 colours including whites (2 700, 3 200, 4 200, 5 600 and 8 000)
- LED Zones: 3 LED rings, individual colour control of each LED ring
- Tungsten Lamp Effects 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 effect with variable speed
- Preprogramed random strobe & pulse effects

Control and programming

- Setting & Addressing: Robe Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Optional wireless version available: CRMX™ technology from Lumen Radio
- Control Channels: 37, 21, 15, 10, 37
- Protocol Modes: 5 DMX
- Programs: 3 editable programs up to 100 steps
- Stand-alone operation
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC
- Ethernet Port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Built in analyser for easy fault finding

Thermal specification

- Maximum Ambient Temperature: 45°C (113°F)
- Maximum Housing Temperature: 75°C (167°F)

Movement

- Pan movement range 450°
- Tilt movement range 300°
- 16 bit movement resolution
- Automatic Pan/Tilt position correction
- Built-in Pan/Tilt macros

Electrical specification

- Electronic auto-ranging
- Input Voltage: 100-250 V AC, 50-60 Hz
- Power Consumption: max. 800W (4 LED colours at all rings)
- Power Connector: Neutric PowerCon

Mechanical specification

- Height: 568 mm (22.4")
- Width: 415 mm (16.3")
- Depth: 312 mm (12.3")
- Weight: 19,4 kg (42.8 lbs)

Rigging

- Mounting Points: 2 pairs of 1-turn locks
- Omega Brackets: 2x Omega bracket with 1-turn quick locks