

# LEDBeam 100™

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

**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



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.

# 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

- Robe's proprietary optical design
- Beam angle: 7°
- Fixture total lumen output: 3.220 lm
- Light output: 5.960 lm @ 5 m

## Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- 3 individually controllable LED zones
- Virtual Colour Wheel: 237 colours including whites (2.700K, 3.200K, 4.200K, 5.600K and 8.000K)
- Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay)
- Colour rainbow effect with variable speed
- Pre-programmed random strobe & pulse effects
- Electronic strobe effect with variable speed up to 20 Hz
- High resolution electronic dimming: 0 - 100%

## Control and programming

- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 6 editable programs (each up to 25 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 6
- Control channels: 35, 19, 14, 9, 35, 37
- Pan/Tilt resolution: 8 or 16 bit
- RGBW or CMY: 8 or 16 bit
- Dimmer: 8 or 16 bit

## Movement

- Pan movement: 450°
- Tilt movement: 300°
- 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. 200 W at 230 V / 50 Hz
- Power in/out connector: Neutrik powerCON in/out
- DMX and RDM data in/out: Locking 5-pin XLR
- Ethernet port in: RJ45

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- Height: 314 mm (12.4")
- Width: 233 mm (9.2")
- Depth: 149 mm (5.9")
- Weight: 4.5 kg (9.9 lbs)

## Rigging

- Mounting positions: Horizontally or vertically
- 1x Omega adaptor with ¼-turn quick locks
- Universal operating position
- Safety cable attachment point

## Included items

- User Manual
- Omega Adaptor CL-regular

## Optional accessories

- Wireless DMX external module: 10980127
- Transparent EggCrate: 10980124
- Diffuser 10°: 10980194
- Diffuser 20°: 10980122
- Diffuser 40°: 10980123
- Top hat: 10980119
- Doughty Trigger Clamp: 17030386
- 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: 10120121
- Six Pack Top Loader Case: 1012 0123-01
- Eight Pack Top Loader Case: 1012 0124-01
- Twelve Pack Top Loader Case: 1012 0122-02
- Dual Foam Shell: 20020216

## Legal

- LEDBeam 100™ is a trademark of Robe lighting s.r.o.
- LEDBeam 100™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents