

# LEDWash 800™

The enhanced ROBIN® 800 LEDWash brings Robe's patented system for seamless, even and smooth zoom and output of RGBW multichip LED technology a step further.

**Light source**

37x 15 W RGBW multichips

**Light output**

8.000 lux @ 5 m / 5.620 lm

**Zoom range**

8° - 63°

**Effects**

3 LED rings control, beam shaper module, pre programmed calibrated whites



Brighter LED chips and a removable beam shaper module with motorized rotation creates the perfect combination for theatre, TV and other professional applications. The fixture has an incredibly wide zoom range starting at 8 degrees and going up to 63 degrees. Many enhanced features include quiet zoom operation, Beam/Wash zoom mode, virtual colour wheel with calibrated whites, RGBW/CMY colour mixing and more. The touch screen navigation display supports many controlling protocols, status data logging, software updates and other features which are standard in the Robe ROBIN series.

# Technical Specification

## Source

- Light source: 37 x 15 W RGBW multichips
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- Led Life Expectancy: > 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours

## Optical system and effects

- High efficiency component optics
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- Linear motorized zoom 8° - 63° (without beam shaper module)
- Removable remote beam shaper with continuous motorized rotation
- Beam shaper: asymmetrical beam 8° x 26° @ min. zoom
- RGBW, 8-bit or 16-bit colour mixing
- Variable CTO filter
- Virtual wheel with pre-programmed 237 colours plus whites (2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K)
- 3 individually controllable LED rings
- Tungsten lamp emulation at whites 2.700 K and 3.200 K
- Colour rainbow effect, variable speed
- Zone colour effect, variable speed
- High resolution dimmer 0-100%
- Strobe effect, variable speed (20 flashes per second max.)
- Individual zone strobe effect, variable speed
- Pre-programmed random strobe & pulse effects

## Control and programming

- User Interface: Colour Touch Screen: ROBE Navigation System 2 (RNS2)
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- Protocols: DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Pan and Tilt, range: 450°/300°
- DMX modes (channels): 6 (38, 22, 16, 11, 38, 37)
- 3 user defined programs, each up to 100 steps
- Stand-alone operation
- Data in/out: Locking 3-pin & 5-pin XLR, RJ45
- Built-in analyser for easy fault finding
- Ethernet port: Art-Net protocol, ready for ACN
- Wireless CRMX™ technology from Lumen Radio included as a standard

## Thermal specification

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

## Electrical specification

- Supply Input: 100-240 V AC, 50-60 Hz auto ranging
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- Power consumption: 430 W
- Power connection: Neutrik PowerCon (Power cable supplied)

## Approvals

- CE Compliant
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- cETLus Compliant

## Mechanical specification

- Height: 444 mm (17.4")
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- Width: 342 mm (13.4")
- Depth: 203 mm (8")
- Weight: 10.9 kg (24.0 lbs)

## Rigging

- 2x Omega brackets (included) with ¼-turn quick locks

## Optional accessories

- Beam shaper module 19°x35° (In Germany as a standard)
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- Top hat
- Mounting adapter for one omega holder

## Legal

- LEDWash 800™ is a Trademark of Robe lighting s. r. o.
- LEDWash 800™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents