

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
-
- Led Life Expectancy: > 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours

Optical system and effects

- High efficiency component optics
-
- 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)
-
- 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)
-
- Maximum housing temperature: 75 °C (167 °F)

Electrical specification

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

Approvals

- CE Compliant
-
- cETLus Compliant

Mechanical specification

- Height: 444 mm (17.4")
-
- 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)
-
- 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