ROBE lighting s .r. o., Hazovice 2090
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LEDWash 800X™

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

Light source

37x 15 W RGBW multichips

Light output

9.780 lux @ 5 m / 7.218 lm

Zoom range

8° - 63°

Effects

3 LED rings control, beam shaper module, preprogrammed calibrated whites

30% brighter LED chips and a Robe's patented removable beam shaper module with motorized rotation producing an ovalized beam, which can be precisely positioned on the stage or illuminated object, creates the perfect combination for theatre, TV, car show, exhibition 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. PowerCON True1 chassis connector has been now added on the back of the fixture's base to guarantee a safe power connection. The powerCON TRUE1 connector can be connected or disconnected under load or live.

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Technical Specification

Source

- Light source type: 37x 15W RGBW LED multichips
- LED life expectancy: min. 60.000 hours
- Typical lumen maintenance: 70% @ 60.000 hours
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Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 8:1
- Zoom range: 8° - 63°
- Removable remote beam shaper with continuous motorized rotation
- Beam shaper: asymmetrical beam 8° x 26° @ min. zoom
- Fixture total lumen output: 7.218 lm
- Illuminance: 9.780 lx @ 5 m
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Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- 4 individually controllable LED rings
- 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%
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Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 6

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- Control channels: 38, 22, 16, 11, 38, 37
- Pan/Tilt resolution: 16 bit
- RGBW: 8 or 16 bit
- Zoom: 8 bit
- Dimmer: 8 or 16 bit
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Movement

- Pan movement: 450°
- Tilt movement: 300°
- Automatic Pan/Tilt position correction
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Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 75°C (167°F)
- Minimum operating temperature: -5°C (23°F)
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Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: Max. 430 W
- Power in connector: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45
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Approvals

- CE Compliant
- cETLus Compliant
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Mechanical specification

- Height: 444 mm (17.5")
- Width: 343 mm (13.5")
- Depth: 203 mm (8")
- Weight: 10.7 kg (23.4 lbs)

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- Ingress protection rating: IP20

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Rigging

- Mounting positions: Horizontally or vertically

- Universal operating position

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Included items

- User Manual

- Omega Adaptor CL-regular 2 pcs

- Power cord including powerCON TRUE1 In connector

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Optional accessories

- EggCrate - black: 10980199

- Top hat: 10980101

- Mounting adapter for one omega holder: 10980100

- Doughty Trigger Clamp: 17030386

- Safety wire 36 kg: 99011963

- Single Top Loader Case: 10120130-01

- Dual Top Loader Case: 10120133-01

- Quad Top Loader Case: 10120132-01

- Foam Shell: 20020197

- Beam Shaper 19° x 35°: 10980142

Legal

- LEDWash 800X™ is a Trademark of Robe lighting s. r. o.

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

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