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LEDWash 600X™

The super-slim LEDWash 600X features a new generation of 30% brighter 37 x 15 Watt RGBW multichip LEDs with colour output ranging from gentle pastels to the richest saturation.



Light source

37x 15 W RGBW LED multichips

Light output

8.990 lm, 9.780 lx @ 5 m

Zoom range

8° - 63°

Effects

3 LED rings control, rainbow effects, tungsten lamp effect, pre-programmed whites

Arranged in 3 concentric rings these LEDs offer unique possibilities for creating stunning colour and pattern audience blinding effects as well as for providing comprehensive and perfectly even wash coverage.

This system sets the LEDWash 600X ahead of any other LED wash light products, making it a truly, „multi-purpose" unit, equipped also with Robe's patented an extremely versatile 8–63 degree motorised zoom, powerful fast strobing and pre-programmed pulse strobe effects.

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

Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 8:1
- Zoom range: 8° - 63°
- Fixture total lumen output:
  - 8.990 lm (integrating sphere)
  - 7.218 lm (goniophotometer)
- Illuminance: 9.780 lx @ 5 m

Dynamic Effects and Features

- Colour mixing mode RGBW
- 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%

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
- Control channels: 37, 21, 15, 10, 37, 24
- Pan/Tilt resolution: 16 bit
- RGBW: 8 or 16 bit
- Zoom: 8 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: 75°C (167°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. 430 W
- Power connector in: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45

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: 10.6 kg (23.4 lbs)
- Ingress protection rating: IP20

Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position

Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 In connector

Optional accessories

- Transparent EggCrate: 10980114
- Top hat: 10980101
- Mounting adapter for one omega holder: 10980100
- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Single Top Loader Case: 10120097-01
- Dual Top Loader Case: 10120103-01
- Quad Top Loader Case: 10120102-01
- Six Pack Top Loader Case: 10120104-01
- Foam Shell: 20020197

Legal

- LEDWash 600X™ is a Trademark of Robe lighting s. r. o.
- LEDWash 600X™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents