

Tel: +420-571-751500 Fax: +420-571-751515 Email: info@robe.cz

LEDWash 300X™

Utilizing a new generation of 30% brighter 19 x 15W RGBW multichip LEDs and Robe's patented motorized linear zoom 8°- 63°, the LEDWash 300X offers great flexibility with superior homogenization of the light source.



Light source

19x 15W RGBW LED multichips



Light output

5.580 lm, 4.895 lx @ 5 m



Zoom range

8° - 63°



Effects

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



Specialized component optics composed of highly efficient elements ensures completely smooth colour mixing and it emphasizes a dynamic array of true colours and hues. This lightweight compact fixture is ideal for all small-to-medium applications, particularly those where space and accessibility is an issue. 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: 19x 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:
 - 5.580 lm (integrating sphere)
 - 4.479 lm (goniophotometer)
- Brightness: 4.895 lx @ 5 m

Dynamic Effects and Features

- Colour mixing mode RGBW
- 3 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: 5
- Control channels: 37, 21, 15, 10, 37
- Pan/Tilt resolution: 16 bit
- RGBW: 8 or 16 bit



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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. 200 W at 230 V / 50 Hz

• Power in connector: Neutrik powerCON TRUE1

DMX and RDM data in/out: Locking 3-pin & 5-pin XLR

• Ethernet port in: RJ45

Approvals

CE Compliant

• cETLus Compliant

Mechanical specification

• Height: 390 mm (15")

Width: 295 mm (12")

Depth: 203 mm (8")

Weight: 8.2 kg (18.1 lbs)

• Ingress protection rating: IP20

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

Optional accessories

Transparent EggCrate: 10980115

• Top hat: 10980102

Mounting adapter for one omega holder: 10980100

Doughty Trigger Clamp: 17030386

Safety wire 35 kg: 99011963

Single Top Loader Case: 10120114

Dual Top Loader Case: 10120109

Quad Top Loader Case: 10120108

Six Pack Top Loader Case: 10120110

Legal

• LEDWash 300X™ is a Trademark of Robe lighting s. r. o.

• LEDWash 300X[™] is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents