

# 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.

# 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
- 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

## 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 36 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