ROBE lighting s .r.o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

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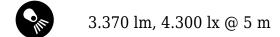Fax: +420-571-751515
Email: info@robe.cz

LEDWash 300+™

 Utilizing 19 multichip LEDs and motorized linear zoom 8 – 63 degrees the ROBIN® 300+ LEDWash offers great flexibility with superior homogenization of the light source.
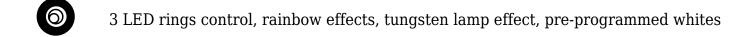
Specialized component optics composed of highly efficient elements ensures completely smooth colour mixing and it emphasizes dynamic array of true colours and hues. This lightweight compact fixture is ideal for all small-to-medium applications, particularly those where space and accessibility is an issue.

19x 15W RGBW LED multichips

3.370 lm, 4.300 lx @ 5 m

8° - 63°

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

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Technical Specification

SOURCE

- Light source: 19x 15 W RGBW LED mutichips
- Led Life Expectancy: minimum 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: 3.370 lm
- Light output: 4.300 lx @ 5 m

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
- AC connection: power cable with plug
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45

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MECHANICAL SPECIFICATION

- Height: 390 mm (15")
- Width: 295 mm (12")
- Depth: 203 mm (8")
- Weight: 8.2 kg (18.1 lbs)

RIGGING

- Mounting positions: Horizontally or vertically
- Universal operating position

DYNAMIC EFFECTS

- 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%

APPROVALS

- CE Compliant
- cETLus Compliant

INCLUDED ITEMS

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord

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 300+™ is a trademark of Robe lighting s.r.o.
- LEDWash 300+™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents