

ROBIN® 300 LEDWash

Utilizing 19 multichip LEDs and motorized linear zoom 15 – 60 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.



Source

- Light source: 19 RGBW LED mutichips
- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours

Optical System and effects

- High efficient component optics
- Linear motorized zoom 15° – 60°
- RGBW, 8-bit or 16-bit colour mixing
- CTO filter

Virtual colour wheel with:

- 237 colours including whites (2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K)
- Halogen lamp effect at whites 2.700 K and 3.200 K
- Rainbow effect with in both directions with variable speed
- Zone effects in both directions with variable speed
- High resolution dimmer 0–100%
- Strobe effect with variable speed (max. 20 flashes per second)
- Pre-programmed random strobe pulse-effects

Control and programming

- 3 LED zones with individual control of each
- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
- Control channels: 37, 21, 15, 10, 37
- 5 DMX protocol modes
- 3-editable programs, each up to 100 steps
- Stand-alone operation
- QVGA Robe touch screen with battery backup gravitation sensor for auto screen positioning operation memory service log with RTC
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR

- Built-in analyser for easy fault finding
- Optional wireless version available: CRMX™ technology from Lumen Radio

Movement

- Pan movement range 450°
- Tilt movement range 300°
- 16 bit movement resolution
- Automatic pan/tilt position correction
- Built-in Pan/Tilt macros

Thermal

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum housing temperature: 75 °C (167 °F)

Electrical Specification

- Electronic auto-ranging
- Input voltage: 100–240 V AC, 50-60 Hz
- Max. power consumption: 200 W



Mechanical Specification

- Height: 390 mm (15")
- Width: 295 mm (12")
- Depth: 203 mm (8.0")
- Weight: 8.2 kg (18.1 lbs)

Rigging

- Mounting adapter & one clamp