

ROBIN® 1200 LEDWash

The super-slim ROBIN® 1200 LEDWash features 61 RGBW multichip LEDs with colour output ranging from gentle pastels to the richest saturation.

Arranged in 4 concentric rings these LEDs offer unique possibilities for creating stunning colour and pattern audience blinding and eye candy effects as well as for providing comprehensive and perfectly even wash coverage.

This system sets the LEDWash 1200 ahead of any other LED wash light products, making it a truly 'multi-purpose' unit, equipped also with extremely versatile 8 – 63 degree motorized zoom, powerful fast strobing and pre-programmed strobe and pulse effects at all zones (rings) or individually controllable per each zone.



Source

- Light source: 61 RGBW LED multichips
- 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 8° – 63°
- RGBW/CMY, 8-bit or 16-bit colour mixing
- CTO filter
- Virtual colour wheel with pre-programmed 237 colours including whites (2700 K, 3200 K, 4200 K, 5600 K and 8000 K)
- 4 LED rings, individual colour control of each LED ring
- Tungsten lamp effect at whites 2700 K and 3200 K
- Colour rainbow effects in both directions with variable speed
- Zone colour effects in both directions with variable speed
- High resolution dimmer 0–100%
- Strobe effect with variable speed (max. 20 flashes per second)
- Individual zone strobe effects with variable speed
- Pre-programmed random strobe & pulse effects

Control and Programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
- Wireless CRMX™ technology from Lumen Radio included as standard accessory
- Control channels: 45, 21, 15, 10, 45, 37
- 6 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 analyzer for easy fault finding

Thermal

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

Movement

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

Electrical Specification

- Electronic auto-ranging
- Input voltage: 100-250 V AC, 50-60 Hz

Power consumption:

- Typical consumption: 550 W (2 LED colours @ all rings)
- Max. consumption: 680 W (4 LED colours @ all rings)



Mechanical Specification

- Height: 570 mm (22.4")
- Width: 439 mm (17.3")
- Depth: 268 mm (10.5")
- Weight: 18 kg (39.7 lbs)

Rigging

- Mounting points: 2 pairs of ¼-turn locks
- 2x Omega bracket with ¼-turn quick locks