

# LEDWash 1200™

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

**Light source**

61x 15W RGBW LED multichips

**Light output**

15.000 lux @ 5 m / 10.360 lm

**Zoom range**

8° - 63°

**Effects**

4 LED rings control, tungsten lamp effect, fast strobe



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.

# Technical Specification

## Source

- Light source: 61x 15W RGBW LED multichips
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- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours

## Optical system

- Robe's proprietary optical design
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- High - efficiency zoom optical system, ratio 8:1
- Zoom range: 8° - 63°
- Fixture total lumen output: 10.360 lm
- Light output: 15.000 lx @ 5 m

## Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
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- 4 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)
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- 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
- 6 DMX protocol modes
- Control channels: 45, 21, 15, 10, 45, 37
- Pan/Tilt resolution: 16 bit
- RGBW or CMY: 8 or 16 bit
- Zoom: 8 bit
- Dimmer: 8 or 16 bit

## Movement

- Pan movement range 450°
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- Tilt movement range 300°
- Automatic Pan/Tilt position correction

## Thermal specification

- Maximum ambient temperature: 45 °C (113 °F)
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- Maximum surface temperature: 80°C (176°F)
- Minimum operating temperature: -5°C (23°F)

## Electrical specification and connections

- Power supply: Electronic auto-ranging
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- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: Max. 680 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

## Approvals

- CE Compliant
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- cETLus Compliant

## Mechanical specification

- Height: 570 mm (22.4")
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- Width: 439 mm (17.3")
- Depth: 268 mm (10.5")
- Weight: 18.6 kg (41 lbs)

## Rigging

- Mounting positions: Horizontally or vertically
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- Universal operating position

## Included items

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

## Optional accessories

- EggCrate: 10980116
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- Top hat: 10980112
- Doughty Trigger Clamp: 17030386
- Safety wire 35 kg: 99011963
- Single Top Loader Case: 10120116
- Dual Top Loader Case: 10120117
- Quad Top Loader Case: 10120118

## Legal

- LEDWash 1200™ is a trademark of Robe lighting s.r.o.
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- LEDWash 1200™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents