

# LEDWash 600+™

The super-slim ROBIN® 600+ LEDWash features 37x 15 Watt RGBW multichip LEDs with colour output ranging from gentle pastels to the richest saturation.

**Light source**

37x 15 W RGBW LED multichips

**Light output**

5.620 lm, 8.000 lux @ 5 m

**Zoom range**

8° - 63°

**Effects**

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



Arranged in 3 concentric rings these LEDs offer unique possibilities for creating stunning colour and pattern audience blinding effects as well as for providing comprehensive and perfectly even wash coverage. This system sets the LEDWash 600+ ahead of any other LED wash light products, making it a truly, "multi-purpose" unit, equipped also with an extremely versatile 8-63 degree motorised zoom, powerful fast strobing and pre-programmed pulse strobe effects.

# Technical Specification

## Source

- Light source: 37x 15 W RGBW LED mutichips
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- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours
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## Optical system

- Robe's proprietary optical design
- 
- High - efficiency zoom optical system, ratio 8:1
- Zoom range: 8° - 63°
- Fixture total lumen output: 5.620 lm
- Light output: 8.000 lx @ 5 m
- Robe's proprietary optical design
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- Zoom range: 8° - 63°
- Fixture total lumen output: 5.620 lm
- Light output: 8.000 lx @ 5 m

## Dynamic Effects and Features

- Colour mixing mode RGBW
- 
- 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%
- Colour mixing mode RGBW

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- 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: 6
- Control channels: 37, 21, 15, 10, 37, 24
- Pan/Tilt resolution: 16 bit
- RGBW: 8 or 16 bit
- Zoom: 8 bit
- Dimmer: 8 or 16 bit
- 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
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- Control channels: 37, 21, 15, 10, 37, 24
- Pan/Tilt resolution: 16 bit
- RGBW: 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
- Pan movement range 450°
- 
- Tilt movement range 300°
- Automatic pan/tilt position correction

## Thermal specification

- Maximum ambient temperature: 45 °C (113 °F)
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- Maximum housing temperature: 75 °C (167 °F)
- Minimum operating temperature: -5 °C (23 °F)
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- Maximum housing 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. 415 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
- Power supply: Electronic auto-ranging
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- Power consumption: Max. 415 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
- CE Compliant
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- cETLus Compliant

## Mechanical specification

- Height: 444 mm (17.5")
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- Width: 343 mm (13.5")
- Depth: 203 mm (8.0")
- Weight: 10.6 kg (23.4 lbs)
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## Rigging

- Mounting positions: Horizontally or vertically
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- Universal operating position
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- Universal operating position

## Included items

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

## Optional accessories

- Transparent EggCrate: 10980114
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- Top hat: 10980101
- Mounting adapter for one omega holder: 10980100
- Doughty Trigger Clamp: 17030386
- Safety wire 35 kg: 99011963
- Single Top Loader Case: 10120097-01
- Dual Top Loader Case: 10120103-01
- Quad Top Loader Case: 10120102-01
- Six Pack Top Loader Case: 10120104-01
- Foam Shell: 20020197
- Transparent EggCrate: 10980114
- 
- Top hat: 10980101
- Mounting adapter for one omega holder: 10980100
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## Legal

- LEDWash 600+™ is a trademark of Robe lighting s.r.o.
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