ROBE lighting s.r.o., Hazovice 2090
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LEDWash 600™

The super-slim ROBIN® 600 LEDWash features 37x 10 Watt RGBW multichip LEDs with colour output ranging from gentle pastels to the richest saturation.



Light source

37x 10 W RGBW LED multichips

Light output

4.820 lm, 3.340 lx @ 5 m

Zoom range

15° - 60°

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 15 – 60 degree motorised zoom, powerful fast strobing and pre-programmed pulse strobe effects.

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Technical Specification

Source

- Light source: 37x 10W RGBW LED mutichips
-
- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours

Optical system and effects

- Robe's proprietary optical design
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- High - efficiency zoom optical system, ratio 8:1
- Zoom range: 15° - 60°
- Fixture total lumen output: 4.820 lm
- Light output: 3.340 lx @ 5 m

Dynamic Effects and Features

- Colour mixing mode RGBW
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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)
-
- 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
- DMX Protocol modes: 6
- Control channels: 37, 21, 15, 10, 37, 25
- Pan/Tilt resolution: 16 bit
- RGBW: 8 or 16 bit
- Zoom: 8 bit
- Dimmer: 8 or 16 bit

Movement

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

Thermal specification

- Maximum ambient temperature: 45°C (113°F)
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- Maximum surface temperature: 75°C (167°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. 450 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: 444 mm (17.5")
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- Width: 343 mm (13.5")
- Depth: 203 mm (8")
- Weight: 10.6 kg (23.4 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

- 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

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Legal

- LEDWash 600™ is a trademark of Robe lighting s.r.o.
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- LEDWash 600™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patent