

600X

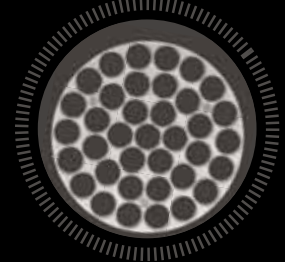
HIGH POWER
15 W
RGBW LEDS

ZOOM
8° – 63°

FLAT & EVEN
LIGHT BEAM

Accessories

Transparent Eggcrate



Top-Hat



Packaging

Cardboard



Single Top Loader Case



Dual Top Loader Case



Quad Top Loader Case



Hexa Top Loader Case



Exterior dimensions

360 x 390 x 500 mm
(14.2" x 15.3" x 19.7")

410 x 455 x 575 mm
(16.2" x 17.9" x 22.6")

595 x 430 x 660 mm
(23.4" x 16.9" x 26.0")

810 x 595 x 660 mm
(31.9" x 23.4" x 26.0")

1190 x 595 x 660 mm
(46.9" x 23.4" x 26.0")



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LEDWash 600X™

PERFECT
COLOUR
MIXING

INDIVIDUAL
CONTROL OF
LED RINGS

TRUE
WHITES



LEDWash 600X Innovative technology Fine touch features Product diagrams

The super-slim LEDWash 600X features a new generation of 30% brighter 37 x 15 Watt RGBW multichip LEDs with colour output ranging from gentle pastels to the richest saturation. 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 600X ahead of any other LED wash light products, making it a truly „multi-purpose“ unit, equipped also with Robe's patented an extremely versatile 8-63 degree motorised zoom, powerful fast strobing and pre-programmed pulse strobe effects. PowerCON True1 chassis connector has been now added on the back of the fixture's base to guarantee a safe power connection. The powerCON TRUE1 connector can be connected or disconnected under load or live.

Source

- Light source: 37x 15W RGBW LED multichips
- Led Life Expectancy: 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours

Optical System

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 8:1
- Zoom range: 8°-63°
- Fixture total lumen output: 7.218 lm
- Brightness: 9.780 lx @ 5 m

Dynamic Effects

- 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%

Control and programming

- 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, 11, 24
- Pan/Tilt resolution: 16 bit
- RGBW: 8 or 16 bit
- Zoom: 8 bit
- Dimmer: 8 or 16 bit

Movement

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

Thermal Specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 75 °C (167 °F)
- Minimum operating temperature: -5 °C (23 °F)

Electrical Specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: Max. 415 W at 230 V / 50 Hz
- Power in connector: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45

Approvals

- CE Compliant
- cETUs Compliant

Mechanical Specification

- Height: 444 mm (17.5")
- Width: 343 mm (13.5")
- Depth: 203 mm (8.0")
- Weight: 10.6 kg (23.4 lbs)
- Ingress protection rating: IP20

Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position

Included Items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 in connector

Accessories

- Transparent Eggcrate: 10980114
- Mounting adapter for one omega holder: 10980100
- Top hat: 10980101
- 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

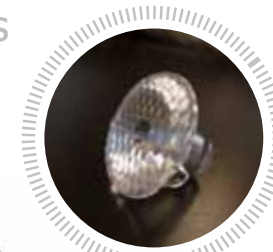
Legal

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



Multichips

New LED technologies use several LED chips on a single module that creates just perfect point source of extremely smooth new dimensional colour mixing of RGBW.



Innovative Zoom System

Incorporating sophisticated zoom optics combined with dual top-hat system consisting of Micro egg-crates and top-hat for each output lens which allows rendering of beam of high visual quality (Patent pending).



Individual control of LED rings

Unique design and control of the LED PCB's allows individual control of each LED ring for creation of eye-candy effect, such as colour waves or strobing per rings (Patent pending).



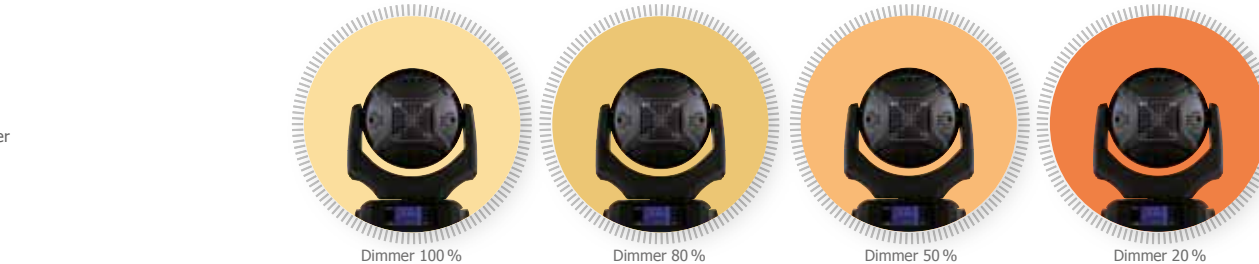
True White Colours

Spotless colormixing of specially calibrated LEDs together with predefined values on a Virtual Colour wheel channel allow quick direct calling of exact white hues of 2.700K, 3.200K, 4.200K, 5.600K and 8.000K.



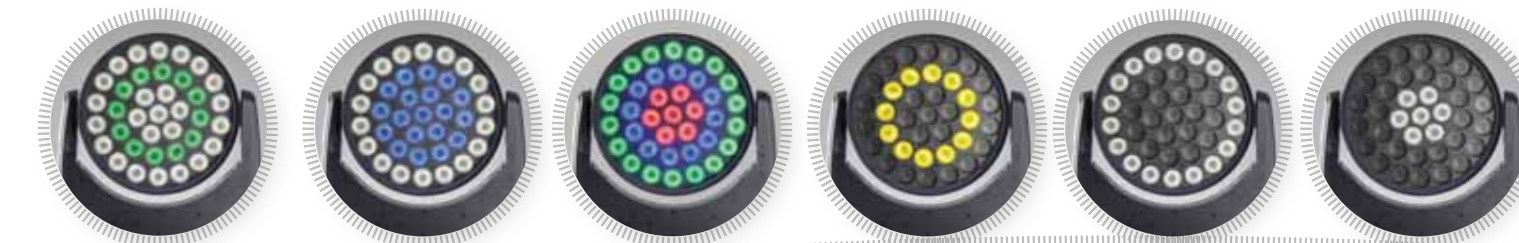
Tungsten effect

In the Halogen lamp mode predefined for White Halogen 2.700K and 3.200K, the Dimmer channel initiates halogen lamp-like behaviour (red effect and thermal delay) during dimming.



Colours

Individual control of LED rings.

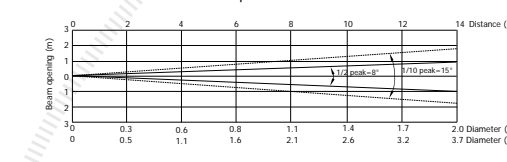


LED colours

LEDWash 600X is able to produce 4300 from pastel to saturated colours.

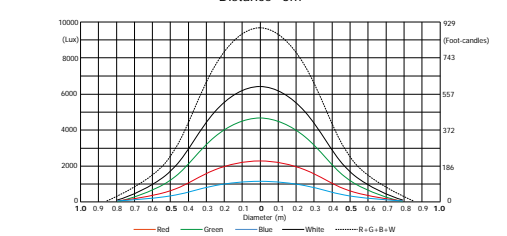


Min. zoom (Beam mode)
Total Output: 4950 lumens



Distance (m)	2	4	5	6	8	10	12	14
Red	1480000	3680000	2102000	1580000	402800	548000	401000	290000
Green	1480000	3680000	2102000	1580000	402800	548000	401000	290000
Blue	1480000	3680000	2102000	1580000	402800	548000	401000	290000
White	1480000	3680000	2102000	1580000	402800	548000	401000	290000
R-G-B-W	5910000	14800000	8404000	6304000	1611200	2192000	1604000	1160000

Illuminance distribution
Distance=5m



Min. zoom (Wash mode)
Total Output: 5760 lumens

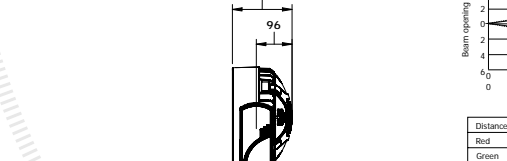


Distance (m)	2	4	5	6	8	10	12	14
Red	1160000	2760000	1770000	1220000	690000	443000	307000	226000
Green	1160000	2760000	1770000	1220000	690000	443000	307000	226000
Blue	1160000	2760000	1770000	1220000	690000	443000	307000	226000
White	1160000	2760000	1770000	1220000	690000	443000	307000	226000
R-G-B-W	4600000	11040000	7000000	4960000	2780000	1760000	1210000	880000

Illuminance distribution
Distance=5m

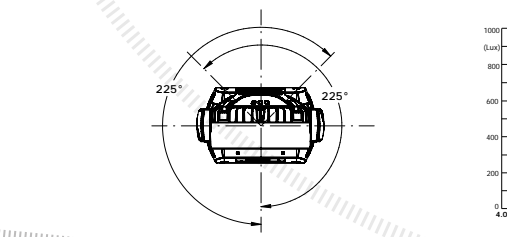


Max. zoom
Total Output: 7218 lumens

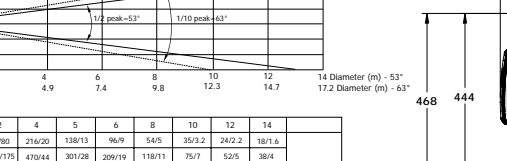


Distance (m)	2	4	5	6	8	10	12	14
Red	460000	1104000	700000	500000	278000	176000	121000	88000
Green	460000	1104000	700000	500000	278000	176000	121000	88000
Blue	460000	1104000	700000	500000	278000	176000	121000	88000
White	460000	1104000	700000	500000	278000	176000	121000	88000
R-G-B-W	1840000	4416000	2800000	2000000	1112000	704000	482000	352000

Illuminance distribution
Distance=5m



Max. zoom
Total Output: 7218 lumens



Max. zoom
Total Output: 7218 lumens

