



**MULTI
CHIP**
LED TECHNOLOGY

ZOOM
8°-63°

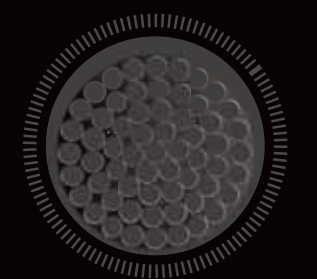
**FLAT & EVEN
LIGHT BEAM**

Accessories

Standard omega brackets for two clamps



Optional eggcrate



Optional Top-Hat



Packaging

Cardboard



Single Top Loader Case
ROBIN 1200 LEDWash™



Dual Top Loader Case
ROBIN 1200 LEDWash™



Quad Top Loader Case
ROBIN 1200 LEDWash™



Exterior dimensions

530 x 375 x 660 mm
(20.9" x 14.8" x 25.0")

530 x 340 x 660 mm
(20.9" x 13.4" x 25.0")

720 x 590 x 800 mm
(28.3" x 23.2" x 31.5")

1450 x 590 x 800 mm
(57.1" x 23.2" x 31.5")



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**PERFECT
COLOUR
MIXING**

**INDIVIDUAL
CONTROL OF
LED RINGS**

**TRUE
WHITES**



ROBIN® 1200 LEDWash

Innovative technology

Fine touch features

Product diagrams

The super-slim ROBIN® 1200 LEDWash features 61x 15 Watt RGBW multichip LEDs with color output ranging from gentle pastels to the richest saturation. Arranged in 4 concentric rings these LEDs offer unique possibilities for creating stunning color 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: 61x 15W 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/CMYW, 8-bit or 16-bit colour mixing
- CTO filter
- Virtual colour wheel with pre-programmed 237 colors including whites (2.700K, 3.200K, 4.200K, 5.600K and 8.000K)
- 4 LED rings, individual colour control of each LED ring
- Tungsten lamp effect at whites 2.700K and 3.200K
- Colour rainbow effects in both directions with variable speed
- Zone color 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

Electrical Specification

- Electronic auto-ranging
- Input voltage: 100–250V AC, 50–60Hz
- Power consumption:
- Typical consumption: 550W (2 LED colours @ all rings)
- Max. consumption: 680W (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)

Movement

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

Thermal

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

Control and programming

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

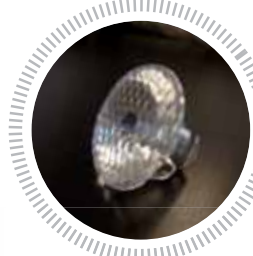
Rigging

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



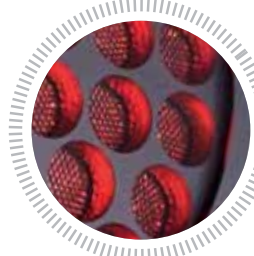
Multichips

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.

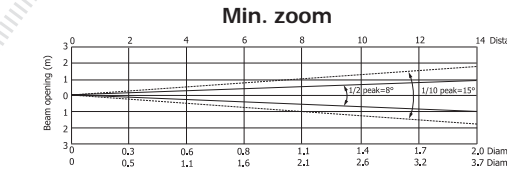
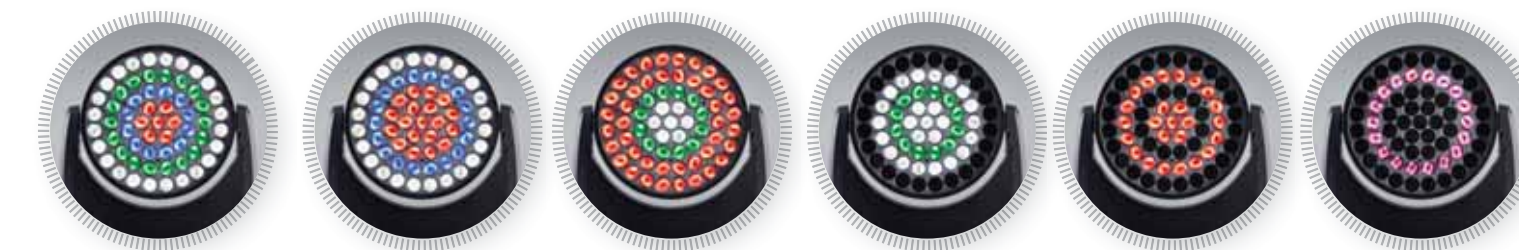


Tungsten effect

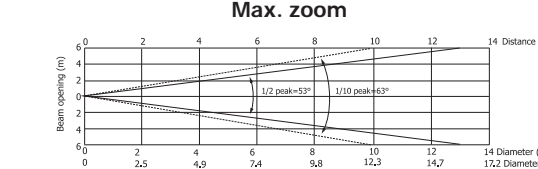
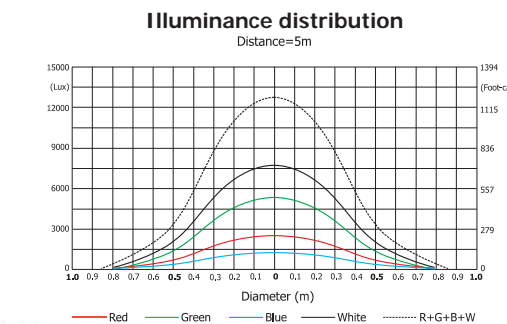
In the Halogen lamp mode predefined for White Halogen 2.700 K and 3.200 K, the Dimmer channel initiates halogen lamp-like behaviour (red effect and thermal delay) during dimming.

Colours

Individual control of LED rings.



Distance (m)	2	4	5	6	8	10	12	14
Red	875/81	219/20	140/13	97/9	55/5	35/3	24/2	18/1,7
Green	1030/100	404/45	250/29	151/16	80/7	46/5	30/3	21/2
Blue	1122/91	787/77	503/51	320/32	191/19	113/11	75/7	55/5
White	2680/200	872/82	430/40	280/28	168/16	100/10	75/7	55/5
R+G+B+W	4375/406	1604/153	700/69	466/46	273/25	175/16	122/11	89/8



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