



TUNGSTEN
LAMP
EFFECT

ZOOM
10°-45°

FLAT & EVEN
LIGHT
BEAM

Packaging

Cardboard
ROBIN DL4X Spot™



570 x 610 x 800 mm
(22.4" x 24.0" x 31.5")

Single Top Loader Case
ROBIN DL4X Spot™



560 x 580 x 760 mm
(22.5" x 22.8" x 29.9")

Dual Top Loader Case
ROBIN DL4X Spot™



1130 x 590 x 760 mm
(44.5" x 23.2" x 29.9")

Exterior dimensions



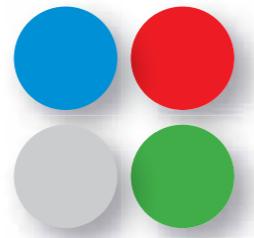
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DL4X



30%
BRIGHTER
LED MODULE

FULLY
LOADED
FEATURES

TRUE
WHITES

ROBIN® DL4X Spot

Innovative technology

Product diagrams

Improved, brighter version of the ROBE RGBW LED module allows the DL4X Spot fixture to utilize the specifically modified color mixing and dimming for extra smooth, stepless operation especially at minimum brightness levels while giving colour outputs brighter than a 1200 Watt discharge unit, but with an average very eco-friendly power consumption of only 250 Watts. The optical system produces a very smooth, high quality light output of rich, beautiful colours with no shadows and utilizes a versatile zoom of 10–45 degrees. Effects features consist of a combination of static and rotating gobo wheels that have custom replaceable positions, variable frost, three-faceted prism, superfast iris and more... including full range dimming and variable strobe effects.

Source

- Light source: RGBW LED module
- LED modul Life Expectancy: 20.000 hrs

Optical System and effects

- Beam angle 10° - 45°
- RGBW or CMY colour mixing mode
- RGBW, 8 or 16 bit colour mixing
- CTO filter
- Virtual colour wheel with pre-programmed 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
- Colour rainbow effects in both directions with variable speed
- Static Gobo wheel: 9 replaceable "SLOT&LOCK" (8 metal + one glass)
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Strobe effect with variable speed (max. 20 flashes per second)
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- Prism: 3-facet 11° prism rotating in both directions at different speeds
- Frost effect: Separate, variable
- Motorized zoom: 10° (gobo position) - 45° (free hole)
- Motorized focus
- Pan: 540°
- Tilt: 280°

Electrical Specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100–250V, 50/60Hz
- Max. power consumption: 660W @ 230V/50Hz (RGBW=full)
- Typical power consumption: 160W-215W (one colour =full)
- Compliance: CE

Mechanical Specification

- Height: 678 mm (26.7") - head in vertical position
- Width: 388 mm (15.3")
- Depth: 480 mm (18.9") - head in horizontal position
- Weight: 21.4 kg (45.9 lbs)
- Fixation option: Pan/Tilt-lock mechanism

Thermal

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum housing temperature: 90 °C (194 °F)

Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN, RDM
- Control channels: 35, 25, 23
- 3 DMX protocol modes
- Wireless CRM™ technology from Lumen Radio as optional accessory
- 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
- Pan/Tilt resolution: 8 or 16 bit
- Movement control: Tracking and vector
- Static gobo wheel positioning: 8 or 16bit
- Rotating gobo wheel positioning: 8 bit
- Gobo indexing & rotation: 8 or 16 bit
- Iris: 8 or 16 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Power input: Neutrik PowerCon
- Built-in analyser for easy fault finding

Static gobos

- Outside diameter: 26.9 mm
- Image diameter: 22.5 mm
- Thickness: 0.5 mm
- Material: 1x High temperature borofloat, 8x aluminium
- "SLOT&LOCK" system for easy replacement of gobos

Rotating gobos

- Outside diameter: 26.8 mm
- Image diameter: 22.0 mm
- Thickness: 1.1 mm (max. thickness=4 mm)
- Material: High temperature borofloat glass
- "SLOT&LOCK" system for easy replacement of gobos

Rigging

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



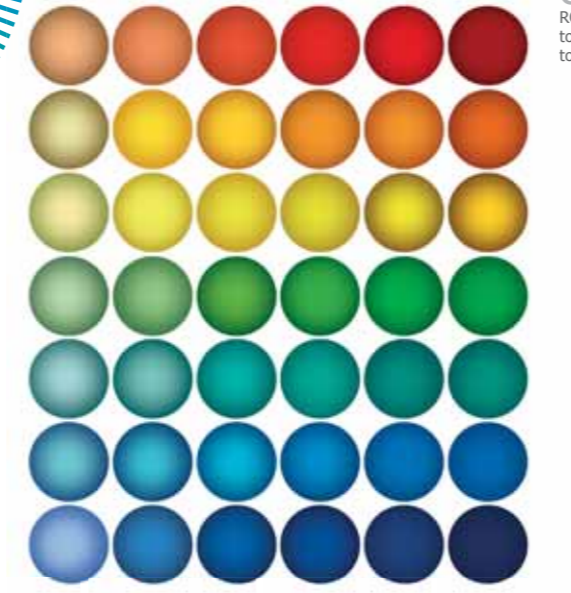
NEW LED module

The new, 30% brighter, ROBE LED module is precisely unified and offers very powerful colour output utilizes unique combination of RGBW high powered single chip LEDs for perfect projection, while drawing very little energy and lasting for amazing 20.000 hours. The LED module is combined with an advanced heat management for very silent operation. (Patent pending).



LED colours

ROBIN DL4X Spot is able to produce 4300 from pastel to saturated colours.



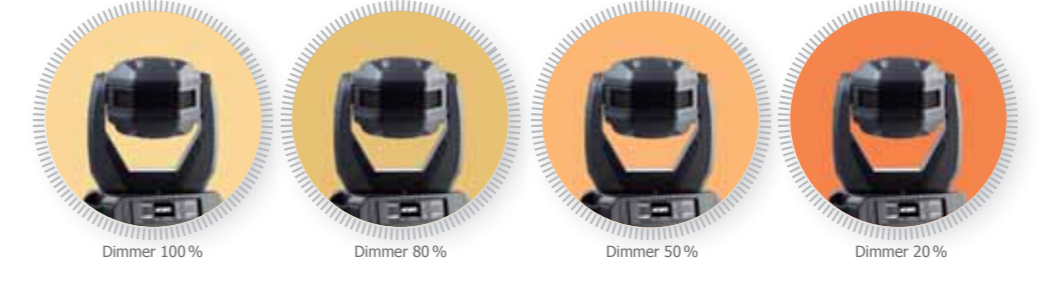
True White Colours

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.



Gobos

The new rotating gobo wheel with "SLOT&LOCK" gobos (patent pending) offers 7 rotating glass gobos + hole, the new static gobo wheel with "SLOT&LOCK" gobos (patent pending) includes 9 metal gobos + open position.

