

# DL4X Spot™

Improved, brighter version of the ROBE RGBW LED module allows the DL4X Spot fixture to utilize the specifically modified colour 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.

**Source**

480 W RGBW LED engine

**Flux lumineux**

6.320 lm

**Plage de Zoom**

10° - 45°

**Effets**

rotating and static gobo wheel



To magnify the already perfectly smooth colours, fades and dimming, the DL4X features innovative LED driving system for improved, extremely high definition dimming curve for all R, G, B, W colours, with 18 bit resolution. 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.

# Spécifications Techniques

## Source

- Light source type: 480 W RGBW LED engine
- LED life expectancy: min. 20 000 hours
- Control: Automatic and remote on/off
- Light source warranty: 3 years or 20.000 hours
- Illuminance: 11.230 lx @ 5 m

## Système optique

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 4.5:1
- Zoom range: 10° - 45°
- Fixture total lumen output: 6.320 lm
- Light output: 11.230 lx @ 5 m

## Effets et fonctions dynamiques

- Colour mixing mode RGBW or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: preprogrammed 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
- Rotating gobo wheel: 7 rotating, indexable, replaceable
- Static gobo wheel: 9 static, replaceable
- Prism: 3 - facet 11° prism rotating in both directions at variable speed
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- Frost: Separate, variable
- Motorized zoom and focus
- Electronic strobe effect with variable speed up to 20 Hz
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%

## Contrôle et programmation

- 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, sACN
- Wireless CRMX™ technology from Lumen Radio
- DMX Protocol modes: 3
- Control channels: 35, 25, 23
- Pan/Tilt resolution: 16 bit
- Colour mixing: 8 or 16 bit (internal 18 bit)
- Rotating gobo wheel positioning: 8 bit
- Static gobo wheel positioning: 8 bit
- Gobo indexing & rotation: 8 or 16 bit
- Prism indexing & rotation: 8 bit
- Iris: 8 or 16 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

## Mouvement

- Pan movement: 540°
- Tilt movement: 280°
- Movement control: Standard and Speed
- Controllable speed of Pan/Tilt movement
- Automatic Pan/Tilt position correction

## Gobos rotatifs

- 7x rotating glass gobos
- Image diameter: 25.0 mm
- Outside diameter: 26.8 mm
- Thickness: 1.1 mm
- Max. thickness: 4 mm
- High temperature borofloat or better glass
- "SLOT&LOCK" system for easy replacement of gobos

## Gobos statiques

- 9 x Aluminium gobos
- Outside diameter: 26.9 mm
- Image diameter: 22.5 mm
- Thickness: 0.5 mm
- "SLOT&LOCK" system for easy replacement of gobos

## Spécifications thermiques

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 90°C (194°F)
- Minimum operating temperature: -5°C (23°F)

## Spécifications électriques et connectique

- Power supply: Electronic auto-ranging Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: maximum 550 W at 230 V / 50 Hz (RGBW = full)
- Typical power consumption: 160 - 215 W (one colour = full)
- Power in connector: Neutrik powerCON
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45

## Certifications

- CE Compliant
- cETLus Compliant

## Spécification mécanique

- Height: 678 mm (26.7")
- Width: 432 mm (17")
- Depth: 480 mm (18.9") - head in horizontal position
- Weight: 21.4 kg (47.2 lbs)
- Ingress protection rating: IP20

## Accroche

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4-turn quick locks
- Safety cable attachment point
- Pan and Tilt transport locks

## Éléments inclus

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

## Accessoires optionnels

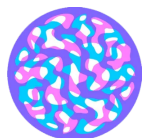
- Doughty Trigger Clamp : 17030386
- Safety wire 35 kg: 99011963
- Single Top Loader Case: 10120078-01
- Dual Top Loader Case: 10120076-01
- Foam Shell: 20020270

## Légal

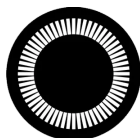
- DL4X Spot™ is a trademark of Robe lighting s.r.o.
- DL4X Spot™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

## Gobos & Couleurs

### Roue de gobos rotatifs



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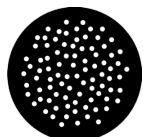
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### Roue de gobos statiques



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