

# ROBIN® DLX Spot

The ROBIN® DLX Spot uses a unique new RGBW LED light source 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.

# Technical Specification

## Source

- Light source: RGBW LED module
- LED module Life Expectancy: 20.000 hrs
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## Optical system

- Beam angle: 10° - 45°
- RGBW or CMY colour mixing mode
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- RGBW or CMY colour mixing mode

## Electromechanical effects

- Static Gobo wheel: 9 replaceable "SLOT&LOCK" gobos (8 metal + one glass)
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- Static Gobo wheel: 9 replaceable "SLOT&LOCK" gobos (8 metal + one glass)
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Iris: Motorized, stepless, pulse effects up to 3 Hz

## Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
- Control channels: 35, 25, 23
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- Control channels: 35, 25, 23

## Rotating gobos

- Outside diameter: 26.8 mm
- Image diameter: 22.0 mm
- Thickness: 1.1 mm (max. thickness = 4 mm)
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## Static gobos

- Outside diameter: 26.9 mm
- Image diameter: 22.5 mm
- Thickness: 0.5 mm
- Outside diameter: 26.9 mm
- Image diameter: 22.5 mm
- Thickness: 0.5 mm

## Thermal specification

- Maximum ambient temperature: 45 °C (104 °F)
- Maximum surface temperature: 90 °C (194 °F)
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- Maximum surface temperature: 90 °C (194 °F)

## Electrical specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100-250 V, 50-60 Hz
- Max. power consumption: 550 W @ 230V/50 Hz (RGBW = full)
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## Mechanical specification

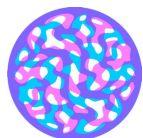
- Height: 678 mm (26.7") - head in vertical position
- Width: 388 mm (15.3")
- Depth: 480 mm (18.9") - head in horizontal position
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- Width: 388 mm (15.3")
- Depth: 480 mm (18.9") - head in horizontal position

## Rigging

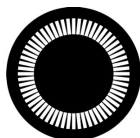
- Mounting points: 2 pairs of ¼-turn locks
- 2x Omega brackets with ¼-turn quick locks
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- 2x Omega brackets with ¼-turn quick locks

## Gobos&Colours

### Rotating Gobo Wheel



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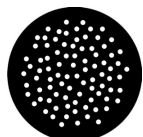
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### Static Gobo Wheel



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