

ROBIN[®] DLS Profile

This is the latest product in the DL range of luminaires that use the Robe RGBW LED module. The DLS adds a system of 4 fast, smooth, framing shutters within the optical path design of the proven DLX Spot format. There is individual control of each shutter blade position and angle, together with rotation of the complete framing module. As well as providing a sharp precise or soft frame for the projected image, the system produces a new series of effects through pre-programmed shutter blade shape and movement sequences. As with all models in the Robe DL luminaire range, the multiple shadows normally associated with an LED source have been eliminated.



The Robe RGBW LED light source reproduces both rich and pastel colours at output levels normally associated with 1200 W discharge fixtures as well as pure whites at preselected 2700, 3200, 4200, 5600 and 8000 kelvin colour temperatures. The tungsten emulation function allows the fixture to be integrated seamlessly into lighting schemes with existing traditional lanterns.

Technical Specification

Source

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

- Beam angle: 10° - 45°
- RGBW or CMY (8 or 16bit) colour mixing option + variable CTO
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- RGBW or CMY (8 or 16bit) colour mixing option + variable CTO

Electromechanical effects

- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" metal gobos + open
- Framing shutters: 4 individually positionable blades plus rotation of the complete frame system +-45°
- Aluminium Animation wheel
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Control and programming

- User Interface: Colour Touch Screen - ROBE Navigation System 2 (RNS2), battery backup
- Protocols: DMX-512, RDM, ArtNet, MA Net, MA Net2
- DMX modes (channels): 47, 38, 36
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- DMX modes (channels): 47, 38, 36

Rotating gobos

- Outside diameter: 26.9 mm
- Image diameter: 22.5 mm
- Thickness: 0.15 mm
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- Image diameter: 22.5 mm

- Thickness: 0.15 mm

Effect wheel

- Aluminium Animation wheel
- Can be used alone or in combination with rotating gobos
- Rotating in both directions, variable speed
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- Can be used alone or in combination with rotating gobos
- Rotating in both directions, variable speed

Framing shutters system

- 4 Blades, each with separate movement and rotation control
- Smooth blade movements, variable speed
- Ultra fast blade movement for creating mid-air effects
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- Smooth blade movements, variable speed
- Ultra fast blade movement for creating mid-air effects

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

- Supply input: 100-240 V, 50-60 Hz auto-ranging
- Power consumption: 550 W max. (Typical 160-215 W - one colour 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
- Pan and Tilt transport locks
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- 2x Omega brackets with ¼-turn quick locks
- Pan and Tilt transport locks

Gobos&Colours

Rotating Gobo Wheel



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15010753



15010752



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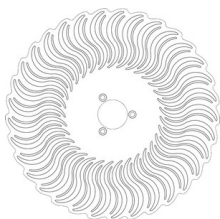


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Animation Wheel



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