

# DL4S Profile™

Extending the possibilities of the playful, colorful DLS Profile, the new DL4S is equipped with enhanced version of the ROBE RGBW LED module for brighter saturated colours and more powerful output.

**Light source**

480 W RGBW LED engine

**Light output**

6.320 lm

**Zoom range**

10° - 45°

**Effects**Rotating gobo wheel, animation wheel,  
framing shutters module

To magnify the already perfectly smooth colours, fades and dimming, the DL4S features innovative LED driving system for improved, extremely high definition dimming curve for all R, G, B, W colours, with 18 bit resolution. The DL4S adds a system of 4 fast, smooth, framing shutters within the optical path design of the proven DLS Profile 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 enhanced Robe RGBW LED light source reproduces both rich and pastel colours at output levels normally associated with 1 200 W discharge fixtures as well as pure whites at preselected 2 700, 3 200, 4 200, 5 600 and 8 000 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 type: 480 W RGBW LED engine
- LED life expectancy: min. 20 000 hours
- Control: Automatic and remote on/off
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## Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 4.5:1
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## Dynamic Effects and Features

- 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)
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## Control and programming

- 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
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## Movement

- Pan movement: 540°
- Tilt movement: 280°
- Movement control: Standard and Speed
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- Tilt movement: 280°
- Movement control: Standard and Speed

## Rotating gobos

- 7x rotating glass gobos
- Image diameter: 22.5 mm
- Outside diameter: 26.8 mm
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- Image diameter: 22.5 mm
- Outside diameter: 26.8 mm

## Effect wheel

- Single animation wheel
- Material: Aluminium
- Can be used alone or in combination with rotating gobos
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- Can be used alone or in combination with rotating gobos

## Framing shutters system

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

## Thermal specification

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

## Electrical specification and connections

- 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)
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## Approvals

- CE Compliant
- cETLus Compliant
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- cETLus Compliant

## Mechanical specification

- Height: 678 mm (26.7")
- Width: 432 mm (17")
- Depth: 480 mm (18.9") - head in horizontal position
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- Width: 432 mm (17")
- Depth: 480 mm (18.9") - head in horizontal position

## Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
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## Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON In connector
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### **Optional accessories**

- Doughty Trigger Clamp : 17030386
- Safety wire 35 kg: 99011963
- Single Top Loader Case: 10120078-01
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### **Legal**

- DL4S Profile™ is a trademark of Robe lighting s.r.o.
- DL4S Profile™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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## Gobos&Colours

### Rotating Gobo Wheel



15010754



15010753



15010752



15010751



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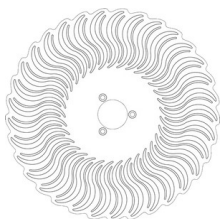


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### Animation Wheel



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