

# DL7S Profile™

The DL7S Profile is the first DL range fixture to receive a powerful new 800W version of the LED engine with seven colours for unprecedented smooth, stable and even colour mixing and a very high CRI.

**Light source**

800 W 7 colours LED engine

**Light output**

8.590 lm

**Zoom range**

7°- 43°

**Effects**

rotating and static gobo wheel, animation wheel, framing shutters module, 5-facet rotating prism



From the deepest to the lightest colours the DL7S provides a rich full colour spectrum experience, and features custom colour mixing and dimming and seamless operation especially at the minimum brightness levels. Four fast framing shutters within the optical path are individually controllable for position and angle and the entire framing module can be rotated. Crisp and soft frames can be used on projections, and a new series of effects is possible using a selection of preprogrammed shutter blade shape and movement sequences. One rotating gobo wheel with six slot&lock gobo positions plus a static gobo wheel with 8 static gobos can be combined with the Animation wheel. Other effects and features include variable frost, rotating prism and super-fast iris. As with all the DL luminaire range, the multiple LED lightsource is completely homogenised.

# Technical Specification

## Source

- Light source: Robe's 800 W 7 colours LED engine
- LED engine life expectancy: 20.000 hrs
- CRI: 90
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## Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 6:1
- Zoom range: 7° - 43°
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## Dynamic Effects and Features

- Colour mixing mode RGB/CMY or 7 colours (8 or 16 bit)
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 80 preset swatches
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- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 80 preset swatches

## 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: 270°
- Movement control: Standard and Speed
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- Tilt movement: 270°
- Movement control: Standard and Speed

## Rotating gobos

- 6x rotating glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm
- 6x rotating glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm

## Static gobos

- 8x static glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm
- 8x static glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25.0 mm

## Effect wheel

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

## Framing shutters system

- Shutters: 4 Blades, each with separate movement and +- 25° rotation control
- Movement: Smooth with variable speed, ultra fast blade movement for creating mid-air effects
- Pre-programmed: Shape and blade sequences
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- Movement: Smooth with variable speed, ultra fast blade movement for creating mid-air effects
- Pre-programmed: Shape and blade sequences

## Thermal specification

- Maximum ambient temperature: 45 °C (104 °F)
- Maximum surface temperature: 80°C (176°F)
- Minimum operating temperature: -5 °C (23 °F)
- Maximum ambient temperature: 45 °C (104 °F)
- Maximum surface temperature: 80°C (176°F)
- 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: 1000 W at 230 V / 50 Hz
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- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 1000 W at 230 V / 50 Hz

## Approvals

- CE Compliant
- cETLus Compliant
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- cETLus Compliant

## Mechanical specification

- Height: 796 mm (31.3") - head in vertical position
- Width: 472 mm (18.6")
- Depth: 321 mm (12.6")
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- Width: 472 mm (18.6")
- Depth: 321 mm (12.6")

## Rigging

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

### Included items

- User Manual
- 20° frost filter
- Omega Adaptor CL-regular 2 pcs
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- 20° frost filter
- Omega Adaptor CL-regular 2 pcs

### Optional accessories

- Frost 10° (exchange) assembled: 10980288
- Frost 30° (exchange) assembled: 10980289
- Doughty Trigger Clamp: 17030386
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- Frost 30° (exchange) assembled: 10980289
- Doughty Trigger Clamp: 17030386

### Legal

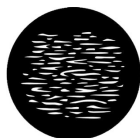
- DL7S Profile™ is a trademark of Robe lighting s. r. o.
- DL7S Profile™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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## Gobos&Colours

### Rotating Gobo Wheel



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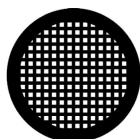
### Static Gobo Wheel



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15020306



15020307



15020308



15020309

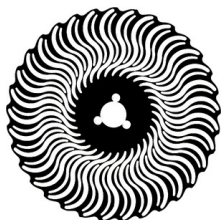


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### Animation Wheel



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