

# DL7F Wash™

Let the colours shine and enjoy the feeling of the gorgeous spectrum of stable high CRI chromatics.

**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



Adjust seven colours, individually, to give unprecedented smooth, stable and even colour mixing and a very high CRI of 90 to meet the high standards of your applications. Add or remove green and regulate CTC between 2.700 to 8.000 kelvins via dedicated control channels. Traditional fresnel front lens of the new Robin DL7F Wash ensures a classic look and homogenized conventional beam with high resolution smooth dimmer. The 200 mm diameter fresnel lens is easily interchangeable for optional PC lens. New innovative internal Scrim module of graduated filter can be inserted into the light path and allows rotation of the whole assembly +/- 180° to achieve even wash coverage when projecting onto a non-perpendicular surface. Mechanical features include a newly designed linear motorized zoom of 7°-65° and an interchangeable diffusion filter. The fixture uses an internal barndoor module for creating different shapes. The barndoor module consists of four individually controllable blades and is rotatable by +/- 90°.

# Technical Specification

## Source

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

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 9:1
- Zoom range:
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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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## 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: 240°
- Movement control: Standard and Speed
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- Tilt movement: 240°
- Movement control: Standard and Speed

## Internal barndoors

- Blades: 4 blades, each with separate movement control
- Rotation: +/- 90° module rotation
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- Rotation: +/- 90° module rotation

## Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 80°C (176°F)
- Minimum operating temperature: -5°C (23°F)
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- Maximum surface temperature: 80°C (176°F)
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## 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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## Approvals

- CE Compliant
- cETLus Compliant
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## Mechanical specification

- Height: 835 mm (32,9") - head in vertical position
- Width: 321 mm (12.6")
- Depth: 472 mm (18.6") - head in horizontal position
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- Width: 321 mm (12.6")
- Depth: 472 mm (18.6") - 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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- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points

## Included items

- User Manual
- 10° frost filter
- Omega Adaptor CL-regular 2 pcs
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- 10° frost filter
- Omega Adaptor CL-regular 2 pcs

## Optional accessories

- Module of PC lens D200 DL7F: 10980282
- Module of fresnel lens D200 DL7F: 10980283
- Top hat: 10980320
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- Module of fresnel lens D200 DL7F: 10980283
- Top hat: 10980320

## Legal

- DL7F Wash™ is a trademark of Robe lighting s. r. o.
- DL7F Wash™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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