

# DL4F Wash™

This is the perfect companion to the ROBIN DL4S Profile, the new ROBIN DL4F Wash is based on the same RGBW LED module with improved brightness and with specifically modified color mixing and dimming for extra smooth, stepless operation especially at minimum brightness levels.

**Light source**

480 W RGBW LED engine

**Light output**

5.160 lm

**Zoom range**

5.5°-60° (75° with frost)

**Effects**

internal barndoor module



To magnify the already perfectly smooth colours, fades and dimming, the DL4F features innovative LED driving system for improved, extremely high definition dimming curve for all R, G, B, W colours, with 18 bit resolution. With a perfectly smooth output via the front Fresnel lens, this fixture has been optimized for those wanting an even light output with no shadows (RGB breakups and shadows are not present even when on closely positioned trussing or other objects.)

Mechanical features include a newly designed linear motorized zoom of 5.5° - 60° and a diffusion filter for extension of the zoom up to 75°. The fixture uses a internal Barndoor module for creating different shapes. The module consists of four individually controllable blades and is rotatable by plus or minus 90 degrees. Advanced software features include RGBW or CMY colour mixing, a set of calibrated whites, CTO, Tungsten lamp emulation (amber shift) and more.

# 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 11:1
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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: 260°
- Movement control: Standard and Speed
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- Tilt movement: 260°
- 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: 90°C (194°F)
- Minimum operating temperature: -5°C (23°F)
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- Maximum surface temperature: 90°C (194°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: maximum 550 W at 230 V / 50 Hz (RGBW = full)
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## Approvals

- CE Compliant
- cETLus Compliant
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## Mechanical specification

- Height: 681 mm (26.8") - head in vertical position
- Width: 432 mm (17")
- Depth: 483 mm (19") - head in horizontal position
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- Width: 432 mm (17")
- Depth: 483 mm (19") - 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
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON In connector
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- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON In connector

## Optional accessories

- Doughty Trigger Clamp : 17030386
- Safety wire 36 kg: 99011963
- Single Top Loader Case: 10120078-01
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## Legal

- DL4F Wash™ is a trademark of Robe lighting s.r.o.
- DL4F Wash™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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