

# ROBIN® DLF Wash

This is the perfect companion to the ROBIN® DLX, the new ROBIN® DLF Wash is based on the same RGBW LED module. 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 an 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: RGBW LED module
- LED module Life Expectancy: 20.000 hrs

## Optical system

- Beam angle: 5.5° – 60° (75° with frost)
- RGBW or CMY colour mixing mode

## Electromechanical effects

- Four beam trimmers
- Beam trimmer module rotation +/-90°
- Frost effect: Separate, variable
- Motorized zoom: 8° – 55°
- Pan: 540°
- Tilt: 260°

## Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
- Control channels: 29, 23, 21
- 3 DMX protocol modes
- Wireless CRMX™ technology from Lumen Radio as optional accessory
- 3-editable programs, each up to 100 steps
- Stand-alone operation
- QVGA Robe touch screen with battery backup gravitation sensor for auto screen positioning operation memory service log with RTC
- Pan/Tilt resolution: 8 or 16 bit
- Movement control: Tracking and vector
- RGBW (CMY), 8 or 16 bit colour mixing
- Virtual color wheel with pre-programmed 237 colours including whites (2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K)
- Tungsten lamp effect at whites 2.700 K and 3.200 K
- CTO filter
- Color rainbow effects in both directions with variable speed
- Frost: 8 bit
- Zoom: 8 or 16bit
- Internal Barndoor module station: 8bit
- Internal Barndoor movement: 8 bit
- Dimmer: 8 or 16bit
- Strobe effect with variable speed (max. 20 flashes per second)
- Ethernet port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Power input: Neutrik PowerCon
- Built-in analyser for easy fault finding

## Internal barndoors

- Four individually controllable blades
- Rotation 0°-180° (all blades together)

## Thermal specification

- Maximum ambient temperature: 45 °C (104 °F)
- Maximum surface temperature: 90 °C (194 °F)

## Electrical specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100-250 V, 50-60 Hz
- Max. power consumption: 550 W @ 230 V / 50 Hz (RGBW = full)
- Typical power consumption: 160-215 W (one colour = full)

## Mechanical specification

- Height: 681 mm (26.8") - head in vertical position
- Width: 432 mm (17.0")
- Depth: 483 mm (19.0") - head in horizontal position
- Weight: 20.5 kg (45.2 lbs)
- Fixation option: Pan/Tilt-lock mechanism

## Rigging

- Mounting points: 2 pairs of ¼-turn locks
- 2x Omega brackets with ¼-turn quick locks