REDWash 2•36™

The REDWash 2•36 is a powerful LED moving head with thirty-six 1 Watt Luxeon K2 LEDs offering RGB colour mixing with a virtually unlimited selection of colours. It's the first in a completely new line of LED moving heads from Robe. The LED fixtures will feature all the engineering quality, reliability and robustness for which Robe is renowned. The REDWash 2•36 has 12 red, 12 green and 12 blue K2 LEDs and pre-programmed white. With electronic dimming from 0 - 100 %, effects include high speed strobing up to 25 FPS and the ability to strobe in any colour combination. Applications include architectural, TV studios, theatre, concerts and live events and all types of venues.

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Technical Specification

Source

- High-Power Luxeon K2 LEDs
- 12 Red K2 LEDs, 12 Green K2 LEDs, 12 Blue K2 LEDs
- Min. 50.000 hrs Rated Life

Beam angle

- Standard 6° beam angle lenses
- Optional 25° beam angle lenses

Movement

- Extremely precise Pan and Tilt movement with 8 or 16 bit resolution
- Tracking or Vector movement control
- 530° Pan and 280° Tilt range of movements
- Pan and Tilt automatic position correction

Frost, diffusion

- Soft and dense frost filters for even light distribution

Colours

- 16.7 million colours (24 bit)
- Pre-programmed colours & rainbow effect
- White balance pre-programmed via LED control panel

Dimmer, Strobe

- Electronic dimmer for light output adjustment from 0 to 100%
- High speed white or full colour strobe, flash rate 1-25 fps

Thermal specification

- Maximum ambient temperture: 40°C (104°F)
- Maximum housing temperature: 65°C (149°F)

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Mechanical specification

- Height: 418 mm (16.5″)
- Width: 326 mm (12.8″)
- Depth: 362 mm (14.3″)
- Weight: 8.8 kg (19.3 lbs)

Control and programming

- Protocol: USITT DMX-512
- Control channels: 8 or 14
- Control options: DMX, auto-trigger
- Operation modes: Master/Slave, Stand-alone, Audio-trigger
- Programs: 6 built-in programs + 3 user editable programs up to 30 steps each
- LED Control panel: Fixture addressing & parameter settings via control panel
- Built-in analyser for easy fault finding
- Manual control of all DMX channels via LED control panel
- Data in/out: Locking 3-pin XLR

Power consumption

- Input Voltage: 100-240V, 50/60Hz
- Max. Power Consumption: 180 VA