

# Viva<sup>™</sup>

Elegant and lightweight, Robe's VIVA is packed with smart effects that are easy to use. The fixture is very powerful yet consumes little energy.

**Light source**

270 W White LED engine

**Light output**

30.280 lux @ 5 m / 5.790 lm

**Zoom range**

8° - 40°

**Effects**

rotating and static gobo wheel, 3-facet rotating prism



The 270W white LED light engine gives an extra punchy beam and an incredible 20,000 hours of operation - in fact, no relamping will be needed for the entire life of the fixture! Vivid and radiant colours can be applied from two colour wheels, and rotating or static gobos added for projections or mid-air effects. The smooth zoom can go out to 40 degrees at its widest and be softened it up with variable frost to create a gentle wash-like output or dynamic background projections. The minimum 8° zoom produces a piercing beam that can be trimmed with ultra-fast stepless iris for really punchy output, and VIVA has extremely fast pan/tilt movement using Robe's proprietary EMS<sup>™</sup> (Electronic Motion Stabiliser) technology. That and much more is possible with VIVA - entertaining and contemporary!

# Technical Specification

## Source

- Light source: 270 W White LED engine
- LED engine life expectancy: 20.000 hrs

## Optical system

- Beam angle: Zoom range 8°- 40°

## Electromechanical effects

- Colour wheel 1: 6 fixed dichroic colours + white
- Colour wheel 2: 6 replaceable "SLOT&LOCK" dichroic colours + white
- Effects: 3-facet circular rotating prism
- Rotating Gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Static Gobo wheel: 9 gobos + open
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- Variable, replaceable 20° frost filter; optional 1°, 10° and 30°
- Zoom: Motorized
- Focus: Motorized
- Shutter: Electronic with variable speed strobe
- Pan: 540°
- Tilt: 270°
- EMS™: Electronic Motion Stabiliser system for reducing beam deviation caused by truss movement or vibration

## Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2
- Wireless: Wireless CRMX™ technology from Lumen Radio (on request)
- Control channels: 30, 23
- DMX protocol modes: 2
- Programs: 3-editable, each up to 100 steps
- Stand-alone operation: Yes
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC
- Pan/Tilt resolution: 16 bit
- Movement control: Tracking and vector
- Colour wheel positioning: 8 or 16 bit
- Rotating Gobo Wheel positioning: 8 bit
- Gobo indexing & rotation: 8 or 16 bit
- Static gobo wheel positioning: 8 or 16 bit
- Dimmer (Internal 18 bit): 8 or 16 bit
- Iris: 8 or 16 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit
- Ethernet port: Art-Net, MA Net, MA Net 2, sACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Power in: Neutrik PowerCon
- Built-in analyser for easy fault finding

## Static gobos

- Image diameter: 23.0 mm
- Thickness: 0.5 mm
- Material: Aluminium

## Rotating gobos

- Outside diameter: 26.8 mm
- Image diameter: 22.0 mm
- Thickness: 1.1 mm
- Max. Thickness: 4.0 mm
- Material: High temperature borofloat or better glass

## Thermal specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 80 °C (176 °F)

## Electrical specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 400 W at 230 V / 50 Hz
- Approvals: CE, cETLus

## Mechanical specification

- Height: 640 mm (25.2") - head in vertical position
- Width: 280 mm (11.0")
- Depth: 220 mm (8.7") - head in horizontal position
- Weight: 17.5 kg (38.6 lbs)
- Fixation option: Pan/Tilt-lock mechanism
- Optional accessories: Frost filters 1°, 10°, 30°