

# Viva™ CMY

Powerfully smooth, Robe's VIVA CMY combines brightness of exceptionally clear zero-fringing white beam together with continuous color transitions of CMY mixing.

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

The 350W 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!



Smooth color transition and fixed vivid and radiant colours can be applied from CMY mixing system and colour wheel, 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 9° 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™ (Electronic Motion Stabiliser) technology.

That and much more is possible with VIVA - entertaining and contemporary!

## Light source

350 W White LED engine

**Light output**

23.100 lx @ 5m / 9.660 lm

**Zoom range**

9° - 40°

**Effects**

rotating and static gobo wheel, 3-facet rotating prism

# Technical Specification

## SOURCE

- Light source type: 350 W White LED engine
- LED life expectancy: 20.000 hours

## OPTICAL SYSTEM

- Zoom range: 9° - 40°
- Output lens diameter: 120 mm
- High efficient component optics
- Fixture total lumen output: 9.660 lm
- Light output: 23.100 lx @ 5m

## DYNAMIC EFFECTS

- Cyan: 0 - 100%
- Magenta: 0 - 100%
- Yellow: 0 - 100%
- Colour Wheel: 6 fixed dichroic colours + white
- Virtual Color Wheel: with 66 preset LEE swatches
- Rotating gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Static gobo wheel: 9 aluminium gobos + open
- Prism: 3-facet circular rotating prism
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- Frost: Variable, replaceable 20° frost filter; optional 1°, 10° and 30°
- Motorized zoom and focus
- Shutter: Electronic with variable speed strobe
- High resolution dimmer

## CONTROL AND PROGRAMMING

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning and operation memory service log with RTC
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 2
- Control channels: 32, 26
- Stand-alone operation
- 3 editable programs, each up to 100 steps
- Pan/Tilt resolution: 16 bit
- CMY: 8 bit
- Colour wheel positioning: 8 bit
- Rotating gobo wheel positioning: 8 bit
- Static gobo wheel positioning: 8 or 16 bit
- Gobo indexing & rotation: 8 or 16 bit
- Iris: 8 or 16 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit

- Dimmer: 8 or 16 bit (internal 18 bit)
- Built-in analyser for easy fault finding

## MOVEMENT

- Pan movement: 540°
- Tilt movement: 270°
- Controllable speed of Pan/Tilt movement
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patent pending)

## ROTATING GOBOS

- Glass gobos: 7
- Outside diameter: 26.8 mm
- Image diameter: 22.0 mm
- Thickness: 1.1 mm
- Max. thickness: 4.0 mm
- High temperature borofloat or better glass
- "SLOT&LOCK" system for easy replacement of gobos

## STATIC GOBOS

- Aluminium gobos: 9
- Image diameter: 23.0 mm
- Thickness: 0.5 mm

## THERMAL SPECIFICATION

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

## ELECTRICAL SPECIFICATIONS AND CONNECTIONS

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 400 W at 230 V / 50 Hz
- Power in connector: Neutric powerCON TRUE1
- DMX and RDM data in/out : Locking 3-pin & 5-pin XLR
- Ethernet port in/out: RJ45

## APPROVALS

- CE Compliant
- cETLus Compliant (pending)

## MECHANICAL SPECIFICATION

- Height: 675 mm (26.6") - head in vertical position
- Width: 280 mm (11.0")
- Depth: 220 mm (8.7") - head in horizontal position
- Weight: 19 kg (41.9 lbs)

## **RIGGING**

- Mounting points: 2 pairs of 1/4-turn locks
- 2x Omega brackets with 1/4 turn quick locks
- Universal operating position
- Pan and Tilt transport locks

## **ACCESSORIES**

- Frost filters: 1°, 10°, 30°

