

# 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.

**Light source**

350 W White LED engine

**Light output**

30.060 lx @ 5 m / 12.040 lm

**Zoom range**

9° - 40°

**Effects**

rotating and static gobo wheel, 3-facet rotating prism



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 with even flat field 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!

# Technical Specification

## Source

- Light source type: 350W White LED engine
- LED life expectancy: min. 20.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
- Colour temperature: 6.500 K
- Typical lumen maintenance: L70/B50 @ 40.000 hours
- Light source warranty: 3 years or 20.000 hours

## Optical system

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 4,5:1
- Zoom range: 9°- 40°
- Even flat field, 2:1 hotspot
- Output lens diameter: 120 mm
- Fixture total lumen output: 12.040 lm
- Light output: 30.060 lx @ 5 m

## Dynamic Effects and Features

- Cyan: 0 - 100%
- Magenta: 0 - 100%
- Yellow: 0 - 100%
- Colour Wheel: 6 fixed dichroic colours + white
- Virtual Color Wheel: with 66 preset 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 (max. 20 flashes per second)
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%

## 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
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 2
- Control channels: 32, 26
- Pan/Tilt resolution: 16 bit
- CMY: 8 bit
- Colour wheel positioning: 8 bit
- Rotating gobo wheel positioning: 8 bit
- Gobo indexing & rotation: 8 or 16 bit
- Static gobo wheel positioning: 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)

## **Movement**

- Pan movement: 540°
- Tilt movement: 270°
- Movement control: Standard and Speed
- 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)
- Automatic Pan/Tilt position correction

## **Rotating gobos**

- 7x glass gobos
- Outside diameter: 26.8 mm
- Image diameter: 22.5 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 wheel with 9 fixed gobos + open position
- 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)
- 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: 500 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: RJ45

## Approvals

- CE Compliant
- cETLus Compliant (pending)

## Mechanical specification

- Height: 664 mm (26.1")
- Width: 382 mm (15")
- Depth: 250 mm (9.8")
- Weight: 19 kg (41.9 lbs)
- Ingress protection rating: IP20

## Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4 turn quick locks
- Pan and Tilt transport locks

## Included items

- User Manual

- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 In connector

### **Optional accessories**

- Frost 1° (exchange) assembled: 10980308
- Frost 10° (exchange) assembled: 10980309
- Frost 30° (exchange) assembled: 10980310
- Trigger Clamp Doughty: 17030386
- Safety wire 35 kg: 99011963
- Single Top Loader Case: 10120209
- Dual Top Loader Case: 10120210
- Quad Top Loader Case: 10120211
- Foam Shell: 20020295

### **Legal**

- Viva™ is a trademark of Robe lighting s.r.o.
- Viva™ CMY is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patent

## Gobos&Colours

### Rotating Gobo Wheel



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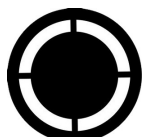


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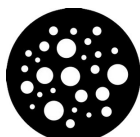


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### Fixed Gobo Wheel, Detail



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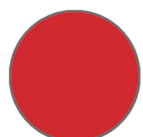


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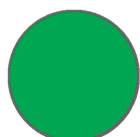


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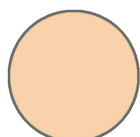
### Colour Wheel 1



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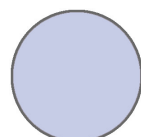
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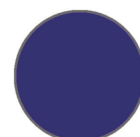
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