

# ColorStrobe™

Power is everything, now in color! Add colour into your blinding strobing sequences with the ColorStrobe to achieve dyed effects, white flashing with colorful backgrounds or continuous bright light output with colored animations.

**Light source**

120x 15W RGBW LED chips

**Light output**

4.330 lx @ 5 m / 35.200 lm

**Effects**

12 zones control, continuous full power operation, strobe effects

Ultimately controllable, configurable and arrayable. Super fast bursts of high powered pulses can be adjusted in frequency, duration and intensity, optically harnessed from the 120x High Power RGBW chips. Easy to rig individually or in multiples and easy to program, using direct segment control or the pre-defined macros. Fitted with the standard Robe RNS touch screen system with DMX, RDM, Art-Net, MA Net and sACN protocols. Optional wireless DMX module.

# Technical Specification

## Source

- Light Source Type: 120x 15W RGBW multichips
- LED Life Expectancy: Minimum 40.000 hours
- Typical Lumen Maintenance: 70% @ 40.000 hours

## Optical system and effects

- High efficient component optics
- Beam Angle: 35° (at 1/2 beam), 63° (at 1/10 beam)
- Individual control: 1, 4 or 12 zones
- Strobe: 13-860 ms
- Strobe rate: 0.3-30 Hz
- Colour Mixing System: RGBW or CMY colour mixing, CTO
- Virtual Colour Wheel: with 237 colours including whites (2.700 K, 3.200 K, 4.200 K, 5.600 K and 8.000 K)
- Tungsten Lamp Effects at Whites: 2.700 K and 3.200 K
- Colour changer effect: Continuous full power RGBW operation with high resolution dimmer
- High Resolution Dimmer: 0-100%
- Strobe effects: Ramp up, ramp down, ramp up-down, random flash, single flash

## Control and programming

- Setting & Addressing: Robe Navigation System 2 (RNS2)
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Optional wireless version available: CRMX™ technology from Lumen Radio
- Protocol Modes: 5
- Control Channels: 9, 14, 18, 28, 84
- Programs: 3 editable programs up to 88 steps
- Stand-alone operation
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC Ethernet Port: Art-Net protocol, ready for ACN
- Data in/out: Locking 3-pin & 5-pin XLR
- Built in analyser for easy fault finding

## Thermal specification

- Maximum Ambient Temperature: 45° C (113° F)
- Maximum Housing Temperature: 90 °C (194 °F)

## Electrical specification and connections

- Electronic auto-ranging
- Input Voltage Range: 100-240 V, 50/60 Hz
- Power Consumption: 1300 W
- Power Connector: Neutrik PowerCon

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- Height (U-holder vertically): 350 mm (13.8")
- Width: 315 mm (12.4")
- Depth: 300 mm (11.8")
- Weight: 16.8 kg (37 lbs)
- Ingress protection rating: IP20

## Movement

- Tilt adjustment: Manual

## Rigging

- Mounting Points: 1 pair of 1-turn locks
- Multipoint segment locking for big trusses installations
- Omega Brackets: 1x Omega bracket with 1-turn quick locks

## Optional accessories

- Optional: floor stand, barndoor, frame adaptor, gel frame, stacker
- Single Top Loader Case: 10120182
- Quad Top Loader Case: 10120183

## Legal

- ColorStrobe™ is a Trademark of Robe lighting s. r. o.
- ColorStrobe™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents