

# ColorStrobe IP™

Powerful strobe in color for outdoor exposures. Add color into your outdoor blinding strobing sequences with the ColorStrobe IP to achieve dyed effects, white flashing with colorful backgrounds or continuous bright light output with colored animations.

Ultimately controllable, super fast bursts of high-powered pulses can be adjusted in frequency, duration and intensity, optically harnessed from the 60x High Power RGBW LED chips. ColorStrobe IP is easy to rig and program, using direct segment control or predefined macros. A high IP rating of 67 provides the reliability required for the most demanding projects, including permanent installations or temporary events. The compact size and of the ColorStrobe IP combined with its adaptability make installation a smooth and streamlined process.



# Technical Specification

## SOURCE

- Light source type: 60 x 15W RGBW LED multichips
- LED life expectancy: min. 40 000 hours
- Typical lumen maintenance: 70% @ 40 000 hours

## OPTICAL SYSTEM

- High efficient component optics
- Beam angle: 35° (at 1/2 beam), 63° (at 1/10 beam)

## DYNAMIC EFFECTS

- Colour mixing mode RGBW or CMY
- 6 individually controllable LED zones
- Variable CTO: 2.700 - 6.000 K
- Virtual Colour Wheel
- Tungsten lamp effect at whites: 2.700 K and 3.200 K (red shift and thermal delay)
- Strobe duration: 13 - 860 ms
- Strobe rate: 0,3 - 30 Hz
- Strobe effect: Ramp up, ramp down, ramp up-down, random flash, single flash
- Individual zone strobe effect with variable speed
- High resolution electronic dimming: 0 - 100%

## CONTROL AND PROGRAMMING

- Setting & Addressing: 4-segment LED display & 4 control buttons, stand-alone operation with 1 editable program up to 40 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio (on request)
- DMX Protocol modes: 5
- Control channels: 9, 14, 18, 21, 42
- RGBW or CMY: 8 or 16 bit (internal 18 bit)
- Dimmer: 8 or 16 bit (internal 18 bit)

## MOVEMENT

- Movement control: manual

## THERMAL SPECIFICATION

- Maximum ambient temperature: 40°C (104°F)
- Maximum surface temperature: 80°C (176°F)
- Minimum operating temperature: -20°C (-4°F)

## ELECTRICAL SPECIFICATION AND CONNECTIONS

- Power supply: Electronic auto-ranging
- Input voltage range: 100-277 V, 50/60 Hz (US); 100-240 V, 50/60 Hz (CE)
- Power consumption: 440 W at 230 V / 50 Hz

- AC connection: power cable with plug
- DMX and RDM data in/out: Locking 5-pin XLR IP 67

## **APPROVALS**

- CE Compliant
- cETLus Compliant (pending)

## **MECHANICAL SPECIFICATION**

- Rugged aluminium housing
- Height: 314 mm (12.4")
- Width: 463 mm (18.2")
- Depth: 175/237 mm (6.9"/9.3") Without/with surface mount adaptor
- Weight: 14.3 kg (31.5 lbs)
- IP: 67

## **RIGGING**

- Mounting positions: Horizontally or vertically
- Universal operating position

## **INCLUDED ITEMS**

- User Manual
- Universal Base Adaptor

## **ACCESSORIES**

- Top hat: 10980354
- Half top hat: 10980355
- Barndoor module: 10980356
- Gel frame: 10980364
- Anti-glare: 10980385
- Set of Rubber Feet: 10980370
- Single Top Loader Case: 10120220
- Doughty Trigger Clamp: 17030386
- Safety wire 35 kg: 99011963

## **LEGAL**

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