

ROBIN® CycPix 12™

This uniquely designed, easy to install wash fixture combines a fast motorized zoom (8 degrees – 66 degrees), an optical system of highly efficient components and an array of twelve powerful 15 W RGBW multichip LEDs.

Combination of the tight 8 degrees beam together with individual pixel create outstanding visual effects.

Both RGBW colour mixing for complete array and individual pixel control offers an extensive range of colours – from pastel to saturation, including pre-calibrated chromatics of whites, variable CTO, Tungsten effects, fast power blinding strobe and smooth dimming. Manual tilt settings provide adjustment from -50 degrees to +90 degrees.



Source

- Light Source: 12x 15W RGBW LED multichips
- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours
- LED colour variants: RGBW

Optical System and Effects

- High efficient component optics
- Linear motorized zoom: 8°– 66°
- RGBW or CMY colour mixing
- Individual control of each RGBW pixel: Yes
- CTO filter: 0– 100%
- 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 effect at whites: 2.700 K and 3.200 K (red shift and thermal delay during dimming)
- Colour rainbow effect with variable speed
- Pre-programmed effects: Pixel effects with colour chases, waves and pulses at variable speed and directions
- High resolution dimmer 0–100%
- Strobe: Variable speed, max. 20 flashes per second
- Preprogramed: Random strobe & pulse effects

Electromechanical Specification

- Zoom: Motorized
- Tilt movement range: Manual adjustment

Control and Programming

- Setting & Addressing: Two-row LCD display & 4 control buttons
- Protocols: USITT DMX-512, RDM
- Wireless version: CRMX™ technology from Lumen Radio optional
- Control channels: 18, 12, 54, 66

- Protocol Modes: 4 DMX, including SunStrip emulation mode (halogen strip)
- Programs: one editable program, up to 40 steps
- Stand-alone operation: Yes
- Zoom: 8 or 16bit
- R,G,B,W colours: 8 or 16 bit
- Dimmer: 8 or 16bit
- Data in/out: DMX outdoor cables CA-0611 + NC5MX-HD/NC5FX-HD (5-pin connectors)
- Power in/out: Neutrik PowerCon
- Built-in analyser for easy fault finding

Thermal Specification

- Maximum ambient temperature: 40 °C (104 °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: 150 W at 230 V / 50 Hz



Mechanical Specification

- Height: 342 mm (13.5")
- Width: 521 mm (20.5")
- Depth: 222 mm (8.7")
- Weight: 12.2 kg (26.9 lbs)
- LED module "tilt" adjustment range: -50/+90°
- IP65

Rigging

- Via Omega clamp CL