

ROBIN® CycBar 15™

Robin CycBar 15 is a lightweight static 1.000 mm linear strip which uses 15 equally spaced superbright RGBW multichip LEDs for enhanced 18 bit smooth colour mixing and linear dimming without RGB 'breakup' or grey shadows. Fixed but redefinable beam angle (7.5° - without diffuser, diffuser 35°x70° included as a standard) allows use of optional diffusers.

Advanced pixel control based driver software provides special features like the virtual colour wheel with pre-programmed colours and a set of true whites with CTO Tungsten lamp emulation and more.

A practical and highly readable small display provides a menu with personality settings plus DMX and RDM protocols.



Source

- Light Source: 15x 10W RGBW LED multichips
- Led Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70% @ 60.000 hours
- LED colour variants: RGBW

Optical System

- Beam angle: 7.5° (without diffuser), diffuser 35°x70° included as standard
- Optional diffusers: 32°, 50°, 10°x30°, 30°x10°, 70°x35°
- Colour mixing: RGBW or CMY
- Built-in colour macros and pixel effects: 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
- Pre-programmed: Random strobe & pulse effects

Electromechanical Effects

- Mechanical Tilt Movement Range: 145°

Control and programming

- Setting & Addressing: 4-segment LED display & 4 control buttons
- Protocols: USITT DMX-512, RDM
- Optional wireless version: CRMX™ technology from Lumen Radio included
- Control Channels: 16, 11, 61, 76

- Protocol modes: 4 including SunStrip emulation mode (Halogen Strip)
- Operations modes: DMX, Stand-alone
- Manual control of all effects via control panel
- One editable program, up to 35 steps
- Smooth 16-bit dimming from 0 - 100 %
- DMX data In/Out: DMX outdoor cables CA-0611 (300mm) + NC5MX-HD/NC5FX-HD (5-pin connectors)
- Power in/out: Neutrik PowerCon

Thermal

- 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: 170 W at 230 V / 50 Hz
- Compliance: cETLus, CE

Mechanical Specification

- Height: 182 mm (7.2")
- Width: 997 mm (39.3")
- Depth: 180 mm (7.1")
- Weight: 9 kg (20.9 lbs)
- LED module "tilt" adjustment range: -100/+45°
- IP65

Rigging

- Via two mounting brackets