

# CycBar 12™

Robin CycBar 12 is a lightweight static 1.000 mm linear strip for indoor use, which utilises 12 equally spaced superbright RGBW multichip LEDs.

**Light source**

12x 10W RGBW LED multichips

**Zoom range**

7.5° + optional diffusers

**Effects**

pixel control, colour rainbow effect, pre-programmed colours and whites



The unit features smooth 18 bit colour mixing and linear dimming without RGB 'breakup' or grey shadows. The fixed 7.5° beam angle can be reconfigured by the use of optional 35°x70° diffusers. The on-board driver software provides the user with advanced pixel control, a virtual colour wheel of preprogrammed colours, a set of true whites with CTO Tungsten lamp emulation and more. The highly readable screen displays a menu with practical personality settings, DMX and RDM protocols.

# Technical Specification

## Source

- Light Source: 12x 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° (optional)
- Optional diffusers: 32°, 50°, 10°x30°, 30°x10°, 70°x35°
- Fixture total lumen output: 2.860 lm
- Light output: 3.670 lx @ 5m

## Dynamic Effects and Features

- Variable CTO: 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 pixel effects with colour, dimming and strobe chases, waves and pulses at variable speed and direction
- Strobe effect: variable speed (max. 20 flashes per second)
- Pre-programmed random strobe & pulse effects
- 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 35 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 4 including SunStrip emulation mode (Halogen Strip)
- Control channels: 16, 11, 52, 64
- Colour mixing: RGBW or CMY
- Manual control of all effects via control panel

## 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: 140 W at 230 V / 50 Hz
- DMX and RDM data in/out: Locking 5-pin XLR
- Power in/out connector: Neutrik powerCON TRUE1 in/out

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- Height: 182 mm (7.2")
- Width: 998 mm (39.3")
- Depth: 180 mm (7.1")
- Weight: 9,7 kg (21,4 lbs)
- LED module "tilt" adjustment range: -100/+45°

## Rigging

- 2x Omega adaptors with 1/4-turn quick locks

## Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs

## Optional accessories

- Diffusion filter:
- 35° x 70° 10980247
- 10° x 30° 10980248
- 70° x 35° 10980249
- 30° x 10° 10980250
- 50° 10980251
- 32° 10980252
- Gel frame: 10980284
- Barndoor: 10980421
- Doughty Trigger Clamp: 17030386
- Safety wire 35 kg: 99011963
- Mains Cable powerCON TRUE1 In/Schuko, 2m, Indoor: 13052405
- Mains Cable powerCON TRUE1 In/US, 2m, Indoor: 13052406
- Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439
- Mains Cable powerCON TRUE1 In/CEE 16A, 2m, Indoor: 13052445
- Mains Cable powerCON TRUE1 In/Open ended, 2m, Indoor: 13052407
- Mains Cable powerCON TRUE1 In/open ended, 2m EU, outdoor: 13052276
- Mains Cable powerCON TRUE1 In/open ended, 2m US, outdoor: 13052277
- Daisy Chain powerCON TRUE1 In/Out, US, 2m, Outdoor: 13052280
- Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Outdoor: 13052281
- Daisy Chain powerCON TRUE1 In/Out, US, 2m, Indoor: 13052440
- Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444
- Daisy Chain powerCON TRUE1 In/Out, EU, 0,75m, Outdoor: 13052278
- Daisy Chain powerCON TRUE1 In/Out, US, 0,75m, Outdoor: 13052279
- Single Top Loader Case: 10120184
- Quad Top Loader Case: 10120185

## Legal

- CycBar12™ is a trademark of Robe lighting s. r. o.
- CycBar12™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents