

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.

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.



12x 10W RGBW LED multichips



7.5° + optional diffusers



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

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

- 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

- 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

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

APPROVALS

- CE Compliant
- cETLus Compliant

INCLUDED ITEMS

- User Manual
- Omega Adaptor CL-regular 2 pcs

ACCESSORIES

1. Diffusion filter:

- 35° x 70° 10980247
 - 10° x 30° 10980248
 - 70° x 35° 10980249
 - 30° x 10° 10980250
 - 50° 10980251
 - 32° 10980252
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- 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