CycBar 15™

 CycBar 15 is a lightweight static 1.000 mm linear strip which uses 15 equally spaced, super bright RGBW multichip LEDs for enhanced 18-bit smooth colour mixing and linear dimming without RGB 'breakup' or grey shadows.

A fixed but redefinable beam angle offers optional diffusers, now with a new system of split filters allowing three different beam angles per entire CycBar and generating asymmetrical light output for use as a high-quality cyc light. Optional barn door can trim the beam if required. The advanced pixel control based driver software provides special features including a virtual colour wheel with pre-programmed colours and a set of true whites with CTO Tungsten lamp emulation and more. The practical and highly readable small display provides a menu with personality settings plus DMX and RDM protocols.

15x 10W RGBW LED multichips

4.870 lx @ 5 m / 3.580 lm

7.5° + optional diffusers

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

ROBE lighting s .r.o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

Technical Specification

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 cyc light kit
- Fixture total lumen output: 3.580 lm
- Light output: 4.870 lx @ 5m

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
- Optional wireless version: CRMX™ technology from Lumen Radio (on request)
- DMX Protocol modes: 4 including SunStrip emulation mode (Halogen Strip)
- Control Channels: 16, 11, 61, 76
- 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 AND CONNECTIONS

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 170 W at 230 V / 50 Hz
- DMX and RDM data in/out: DMX outdoor cables CA-0611 (300mm) + NC5MX-HD/NC5FX-HD (5-pin connectors)
- Power in/out connector: Neutrik powerCON TRUE1 in/out

MECHANICAL SPECIFICATION

- Height: 182 mm (7.2")
- Width: 997 mm (39.3")
- Depth: 180 mm (7.1")
- Weight: 11.1 kg (24.5 lbs)
- LED module "tilt" adjustment range: -100/+45°
- IP65

RIGGING

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

ROBE lighting s .r.o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

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%

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

- Gel frame: 10980269
- 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

- CycBar 15™ is a trademark of Robe lighting s. r. o.
- CycBar 15™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

APPROVALS

- CE Compliant
- cETLus Compliant