

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
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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
- 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

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)
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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
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Thermal specification

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum surface temperature: 80 °C (176 °F)
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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
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Approvals

- CE Compliant
- cETLus Compliant
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Mechanical specification

- Height: 182 mm (7.2")
- Width: 998 mm (39.3")
- Depth: 180 mm (7.1")
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- Width: 998 mm (39.3")
- Depth: 180 mm (7.1")

Rigging

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

- User Manual
- Omega Adaptor CL-regular 2 pcs
- User Manual

- Omega Adaptor CL-regular 2 pcs

Optional accessories

- Diffusion filter:
- 35° x 70° 10980247
- 10° x 30° 10980248
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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
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