

CycBar UV™

The CycBar UV provides superb UV output levels at 365 nm for specialized applications where true UV, all-LED illumination is required.

Precision UV-stable components are housed in an IP65-rated casing with flexible mounting options enabling rapid installation, making it perfect for themed environments and events of all types. Based on the lightweight static 1.000 mm linear bar now with 29 UV LEDs, the CycBar UV is an ideal choice for theatres, theme parks, attractions, leisure facilities and entertainment events requiring a true UV 'black light' effect. Built-in DMX and RDM control facilitates accurate light levels, and a wireless control option allow for the retro-fitting of existing installations without needing additional control options.



29x 365nm UV LEDs



10°

Technical Specification

SOURCE

- Light source type: 29x 365nm UV LEDs
- LED life expectancy: min. 16 000 hours
- Typical lumen maintenance: 70% @ 16 000 hours

OPTICAL SYSTEM

- Robe's proprietary optical design
- Beam angle: 10°

DYNAMIC EFFECTS

- 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: 2
- Control channels: 2, 3

THERMAL SPECIFICATION

- 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: 90W at 230V/50Hz
- 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

APPROVALS

- CE Compliant
- cETLus Compliant

MECHANICAL SPECIFICATION

- Height: 182 mm (7.2")
- Width: 997 mm (39.3")
- Depth: 180 mm (7.1")
- Weight: 11.3 kg (24.8 lbs)
- LED module "tilt" adjustment range: -100/+45°

- IP: 65

RIGGING

- 2x Omega adaptors with ¼-turn quick locks

INCLUDED ITEMS

- User Manual
- Omega Adaptor CL-regular 2 pcs

ACCESSORIES

- Doughty Trigger Clamp: 17030386
- Safety wire 35 kg: 99011963
- Barndoor: 10980421
- Black Glass
- 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 UV™ is a trademark of Robe lighting s. r. o.
- CycBar UV™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents