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T32 Cyc™

Are your productions being spoilt by poor cyclorama lighting? Are they not bright enough? Don't reach high enough? Are they poor-performing adaptations of other luminaires? It's time to change your cyclorama lighting from an eyesore into an eye stunner!

Light source

16x 40W MSL™ RGBBAL LED multichips

Light output

up to 17.565 lm, Cpulse™ special flicker free management for HD and UHD cameras, ready for 8K and 16K

Field Angle

Asymmetrical field angle 85° x 45°, Opti-6™ - A 6:1 height-to-distance ratio

Effects

VertiSpot™ - Unique, motorised vertical crossover point control for superior blending and vertical output variance (patented)

Designed in collaboration with the world's leading lighting designers, Opera Houses and Theatres, the T32 Cyc™ features all the performance, tools, subtlety, and control to make your designs more exciting and visually stimulating than ever before.

Attaining greater reach, smoother coverage and visual impact than ever before from LED luminaires of this type, the low-laying, easily inter-connectable T32 Cyc™ contains powerful RGBBAL multi-chip LEDs to generate not only high light levels but also faithfully reproduce those full-spectrum colours and tints favoured by designers across the world.

The industry-leading Opti-6™ 1:6 height-to-distance ratio optical design, with a classic asymmetric beam, provides greater, smoother reach and coverage, even from close proximity to the cyclorama, leaving more stage space for performers.

From either the top or base of the cyclorama our unique, patented motorised VertiSpot™ feature provides vertical crossover point control, superior blending and vertical output variance. In addition, the T32 Cyc™ has four separately controllable zones for increased variations and effects. These motorised tools allow split-second changes between scenes, giving designers far more scope than time-consuming, conventional, manually adjusted fixtures.

T-Series colour consistency and seamless integration are assured with a virtually controlled CCT range of 2.700K to 8.000K, calibrated whites, DataSwatch™ onboard colour library and tungsten emulation. Colours are perfectly rendered with exceptional ratings of CR:96 and TLCI:97. RGB or CMY colour mixing control offers faster programming.

Vital for theatrical performance, our benchmark L3™ Low Light Linearity dimming software generates imperceptible fades to black for the most demanding practitioners.

Pre-use movement of a fixture can be distracting. The MAPS™ (Patent pending) Motionless Absolute Positioning System provides stationary reset without such motion, as sensors calculate the absolute positions. This allows discreet resetting and power cycling of fixtures during a performance.

Packed with innovation, the T32 Cyc™ contains a suite of fan-level controls that guarantees stealth-like performance in the most demanding noisesensitive environments. AirLOC™ (Less Optical Cleaning) technology keeps the optical elements in pristine condition for far longer, and the CPulse™ flicker-free management system caters to the most advanced camera systems, letting broadcast users use this fixture with confidence.

Now is the time to modernise your cyclorama lighting and give it the attention it deserves!

T32 Cyc™ - The art of cyclorama lighting

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Technical Specification

Source

- Light source type: 16x 40W MSL™ RGBBAL LED multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours
- CRI: 96, TLCI: 97, TM-30-18 Rf: 92, TM-30-18 Rg: 99

Optical system

- Robe's proprietary optical design
- Field angle: Asymmetrical field angle 85° x 45°
- Opti-6™ - A 6:1 height-to-distance ratio asymmetrical optical system, producing a flat uniform field coverage even within close proximity to the cyclorama
- Highly efficient component optics
- Fixture total lumen output:
  - 17.565 lm (integrating sphere)
  - 14.052 lm (goniophotometer)
- RLCT™ Innovative lens coating technology (Patent pending)

Dynamic Effects and Features

- Colour mixing: CMY/RGB or RGBAL
- 4 individually controllable LED zones
- Variable CCT: 2.700K - 8.000K
- Tungsten lamp effect: 750W, 1.000W, 1.200W, 2.000W, 2.500W lamp emulation for whites from 2.700K to 4.200K (red shift and thermal delay)
- DataSwatch™ filters: pre-programmed 237 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- Pre-programmed zone effects with colour, dimming and strobe chases, waves and pulses at variable speed and direction
- Pre-programmed random strobe & pulse effects
- Electronic strobe effect with variable speed up to 20 Hz
- High resolution electronic dimming: 0 - 100%
- L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- Extremely quiet operation suitable for all types of production in Theatre and TV
- Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K
- MAPS™ - Motionless absolute positioning system for internal movement affecting beam distribution (Patented)
- AirLOC™ (Less Optical Cleaning) technology greatly reduces the level of airborne particles drawn over the optical elements. This increases the overall performance, light quality and time between routine cleaning and maintenance.
- VertiSpot™ - Unique, motorised vertical crossover point control for superior blending and vertical output variance (patented)

Control and programming

- Setting & Addressing: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 88 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, Art-Net, MA Net, MA Net2, sACN
- REAP™ - Robe Ethernet Access Portal
- Wireless CRMX™ technology from Lumen Radio - on request
- Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity
- DMX Protocol modes: 2
- Control channels: 38, 42
- RGBW / CMY: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

Thermal specification

- Maximum ambient temperature: 40°C (104°F)
- Maximum surface temperature: 70°C (158°F)
- Minimum operating temperature: -5°C (23°F)
- Total heat dissipation: max. 1890 BTU/h (calculated)

Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 740 W at 230 V / 50 Hz
- Power connector in/out: Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: Locking 5-pin XLR
- Ethernet port in/out: RJ45 for Embedded Epass™ switch 10/100 Mbps
- Embedded Ethernet switch 10/100 Mbps

Approvals

- CE Compliant
- cETLus Compliant

Mechanical specification

- Height: 244 mm (9.5")
- Width: 1019 mm (40.1")
- Depth: 336 mm (13.2")
- Weight: 34.5 kg (76.0 lbs)
- Ingress protection rating: IP20

Rigging

- Mounting points: 2 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4-turn quick locks
- Universal operating position
- Safety cable attachment point

Included items

- User Manual
- Power cord including powerCON TRUE1 In connector
- Mounting adaptor: 99018677

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Optional accessories

- Safety wire 36 kg: 99011963
- Omega Clamps CL-regular 2 pcs: 10980033
- Doughty Trigger Clamp: 17030386
- Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439
- Daisy Chain powerCON TRUE1 In/Out, US, 2m, Indoor: 13052440
- Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444
- Single Top Loader Case: 10120359-01
- Dual Top Loader Case: 10120348-01

Legal