



C Y C<sup>TM</sup>

**ROBE<sup>®</sup>**



Designed in collaboration with the world's leading lighting designers, Opera Houses and Theatres, the T32 Cyc™ attains greater reach, smoother coverage, and visual impact than previously possible from LED cyclorama luminaires. T32 Cyc™ contains powerful RGBBAL multi-chip LEDs to generate high output levels. With an industry-leading 1:6 distance-to-height ratio, the classic asymmetric beam and VertiSpot™ technology provide more control than previously possible to give increased, smoother reach and coverage, even from close proximity to the cyclorama, leaving more stage space for performers.

Incorporating unique, innovative systems and technologies, including:

**MSL™** - Multi-Spectral RGBBAL light source for T-series consistency with adjustable CCT from 2.700 K to 8.000 K, CRI 96, TLCI 97

**DataSwatch™** - Fast selection of the most trusted colours and tones

**VertiSpot™** - Motorised vertical crossover point control for superior blending and vertical output variance

**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

**BARST™** - Retains motorised attributes firmly in position, even during power cycling

**MAPS™** - Motionless Absolute Positioning System for VertiSpot™ control

**L3™** - (Low Light Linearity) Imperceptible 18-bit dimming for ultra-smooth fade to black

**CPulse™** - Special flicker-free management system for all vision systems

**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

From the top or base of the cyclorama, the patented motorised VertiSpot™ provides vertical crossover point control, superior blending and vertical output variance. The T32 Cyc™ has four separately controllable zones for increased variations and effects. T-Series colour consistency is assured with a virtually controlled CCT range of 2.700K to 8.000K, calibrated whites, DataSwatch™ onboard colour library and tungsten emulation.

Locking the motorised VertiSpot™ in position, BARST™ – Robes revolutionary patented Brake Attribute Retention System is activated and released from your console. BARST™ brakes VertiSpot™ attribute motors firmly in the exact position you set them, remaining motionless and fixed in place through unlimited power cycles.

The MAPS™ (Patent pending) Motionless Absolute Positioning System provides stationary reset without motion, allowing discreet resetting and power cycling of fixtures during a performance. The T32 Cyc™ contains a suite of fan-level controls that guarantee stealth-like performance in the most demanding noise-sensitive environments.

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



**16x40W**  
MSL™  
RGBAL LED  
MULTICHIPS

**6:1**  
HEIGHT-TO-  
-DISTANCE  
RATIO

**VERTISPOT™**  
MOTORISED VERTICAL  
CROSSOVER POINT  
CONTROL



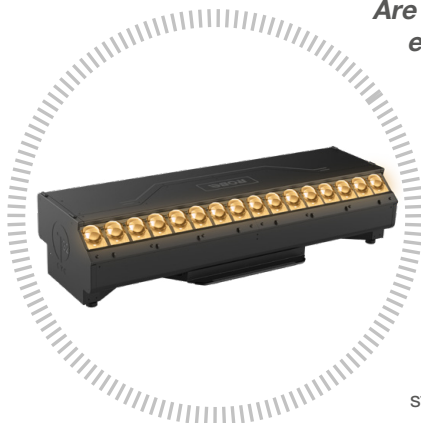
**CMY/RGB**  
OR  
RGBAL  
COLOUR MIXING

**VARIABLE**  
**CCT**  
2.700K - 8.000K

**CPULSE™**  
FLICKER  
**FREE**  
MANAGEMENT



**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!**



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 distance-to-height 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.

To lock the motorised VertiSpot™ feature in position, we have BARS™ – Robe's revolutionary patented Brake Attribute Retention System. Activated and released from your console, BARS™ brakes individual attribute motors, holding them firmly, locked in the exact position you set them. Simple and effective, the VertiSpot™ remains motionless fixed in place, through unlimited power cycles.

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 noise-sensitive 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**



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
- 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 pixel 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
- BARS™ - Brake Attribute Retention System (Patented) applied for internal movement affecting beam distribution
- 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, Kling-Net
- 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. 2047 BTU/h (calculated)

Electrical Specification and Connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 600 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: 238 mm (9.37")
- 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
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 In connector

## Optional Accessories

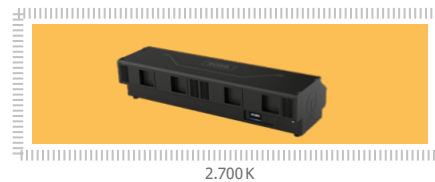
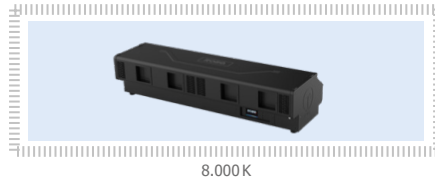
- Safety wire 36 kg: 99011963
- Doughty Trigger Clamp: 17030386
- Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439
- Daisy Chain powerCON TRUE1 In/Out, US, 2m, Indoor: 13052440
- Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444
- Single Top Loader Case: 10120342

## Legal

- T32™ CYC is a Trademark of Robe lighting s. r. o.
- T32™ CYC is patented by Robe lighting s. r. o. and protected by one or more pending or issued patents

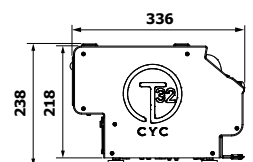
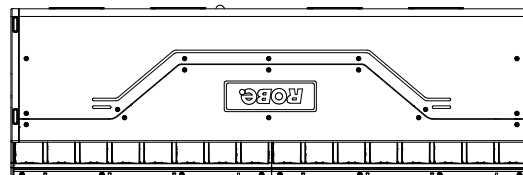
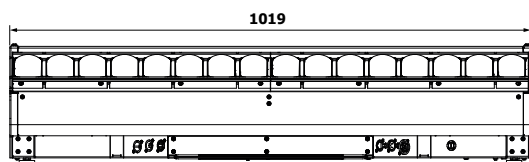
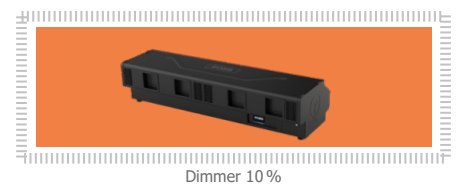
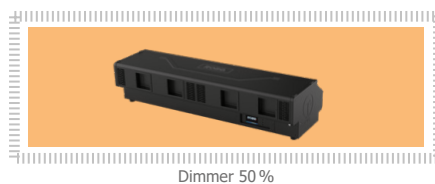
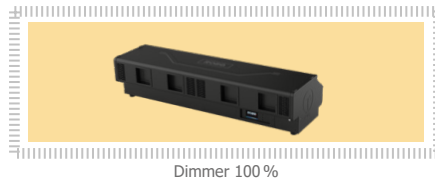
## True White Colours

Factory calibrated whites and colours via the new RCC™ Robe Colour Calibration system allow quick direct calling of whites of any colour temperature from 2.700K to 8.000K.



## Tungsten effect

The Halogen lamp mode provides emulation of 750W, 1.000W, 1.200W, 2.000W and 2.500W tungsten lamps. The dimmer channel initiates halogen lamp-like behaviour (red effect and thermal delay) for each lamp type during dimming.





## Proprietary Optical System

Robe opti-6™ 6:1 height-to-distance ratio asymmetrical optical system producing a flat, uniform field coverage even within close proximity to the cyclorama.



## LED Colours

Powerful RGBBAL LEDs give high output for full pastel to saturated tones, with exceptional colour rendition CRI: 96 TLCI: 97.



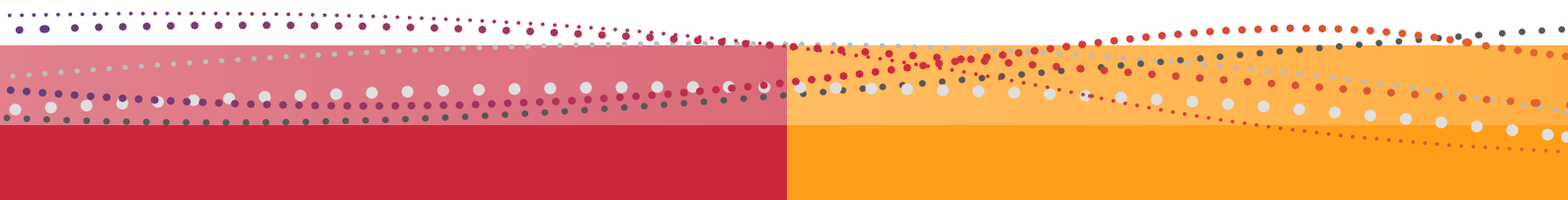
## Lens Coating Technology

RLCT™ Innovative lens coating technology protects soft plastic lenses against „surface scattering“ even when scrubbed repeatedly. Anti-static properties prolong the time period before the lenses will collect dust and create white maps on the lens surface. The new coating brings countless benefits including; longer intervals between cleaning, bright and clear lenses, no scratches or marks, and higher light output (Patent pending).



## Zone Control

4 individually controlled LED zones give opportunity for extra creativity and effects.





 **ROBIN**<sup>®</sup>  
Innovative Technology

[www.robe.cz](http://www.robe.cz)

**ROBE**<sup>®</sup>

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