

# T.5 Profile™

Can a classic be miniaturized without compromising performance? Introducing the T.5 Profile™ – the latest member of the Robe T-Series, offering all the features loved by theatre and broadcast professionals in a more compact form.

**Light source**

MSL™ 350W Multi-Spectral LED engine  
(Patented)

**Light output**

up to 7.500 lm

**Zoom range**

5° - 55°

**Effects**

CMY/RGB or RGBAL, Rotating gobo wheel,  
Prism , Two frosts, motorised focus and zoom,  
Pre-programmed random strobe & pulse  
effects ,Iris ,Full curtain framing shutters,  
Animation wheel



In response to high demand for a smaller version of the renowned T1 Profile™, the T.5 Profile™ delivers the same top-tier performance, from advanced controls to its powerful, nuanced output.

Powered by a 350W MSL™ Multi-Spectral light source, the T.5 Profile™ delivers rich, precise colour with an impressive 7.500 lm output and a seamless CCT range of 2.700-8.000K. You'll also enjoy virtual CRI control (80-95) and linear green content adjustment, giving you total control over every shade.

Beam control is razor-sharp thanks to our patented Plano4 FC™ system, featuring four independent shutter planes and 120-degree module rotation. Each blade offers full curtain ability, providing precision and increased flexibility.

Despite its smaller size, the T.5 is packed with familiar features, including a 5°-55° zoom range for shorter throws, a rotatable and indexable gobo wheel with replaceable gobos, iris, animation wheel, and interchangeable MagFrost™ filters for visual effects. The multi-6-facet prism further enhances dynamic imagery.

Designed for the most noise-sensitive environments, the T.5 incorporates innovative noise-reduction technology, comprehensive fan control, and our Robe AirLOC™ system, which keeps key components cool while reducing surface airflow noise and minimizing the need for frequent optical cleaning.

Technologies like Cpulse™ flicker-free management, EMS™ stabilization, and onboard RCC™ colour calibration ensure flawless performance, whether in the spotlight or on camera.

With the T.5 Profile, you get the power, control, and versatility of the T1, now in a lighter, more agile 20.5 kg design.

T.5 Profile – Experience performance without compromise.

# Technical Specification

## Source

- Light source type: MSL™ 350W Multi-Spectral LED engine (Patented)
- LED life expectancy: min. 40.000 hours
- Colour rendition: CRI: 95, CRI R9: 91, TM30-18 Rf: 93, TM30-18 Rg: 103, TLCI: 94
- Typical lumen maintenance: L70/B50 @ 40.000 hours
- Light source warranty: 3 years or 20.000 hours

## Optical system

- Robe's proprietary optical design
- High-efficiency zoom optical system, ratio 11:1
- Zoom range: 5° - 55°, covers favoured field angles of most Theatre and TV lights
- Fixture total lumen output: up to 7.500 lm
- Output lens diameter: 130 mm

## Dynamic Effects and Features

- Factory calibrated whites and colours via the new RCC™ (Robe Colour Calibration) system, automatic or on-call
- self-re-calibration of the LED engine without the use of any external tool (Patent pending)
- Colour mixing: CMY/RGB or RGBAL
- White light: Variable CCT 2.700K - 8.000K
- DataSwatch™ filters: pre-programmed 237 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- Tungsten lamp effect: 750W, 1.000W, 1.200W, 2.000W, 2.500W lamp emulation for whites from 2.700K to 4200K (red shift and thermal delay)
- + - Green correction function
- Adjustable CRI from 80 to 95+
- MCE™ - Split and multicoloured effects created directly from the LED engine (Patented)
- Full curtain framing shutters: Patented Plano4 FC™ framing shutters module with 4 individually positionable blades plus rotation of the complete framing system +-60°
- Rotating gobo wheel: 7 rotating, indexable and replaceable breakup and aerial gobos + open, all gobos specially selected for theatrical and TV productions
- Animation wheel: Aluminium animation wheel, used alone or in combination with gobos, rotating in both directions at variable speed
- Prism: 6-facet 8° prism rotating in both directions at variable speed
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- MagFrost™ - magnetic paddle fast change system providing exchangeable frosts containing as standard a very light 1° for instant softening of the projected gobo or framing shutters, and a medium 5° for even wash, both specifically selected for theatre and TV use
- HSL™ - Hot-Spot Lens for LED profiles: from flat field to 6:1 hot-spot (optional)
- Motorised zoom and focus
- Electronic strobe effect with variable speed up to 20 Hz
- Pre-programmed random strobe & pulse effects
- 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
- 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.

## Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: 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 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, ArtNet, 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 - on request
- DMX Protocol modes: 3
- Control channels: 49, 33, 53
- Pan & Tilt resolution: 16 bit
- Colour mixing: 8 or 16 bit (internal 18 bit)
- Variable CCT: 8 bit
- Adjustable CRI: 8 bit
- + - Green correction: 8 bit
- Framing shutters module movement & rotation: 8 bit
- Rotating gobo wheel positioning: 8 bit
- Gobo indexing & rotation: 8 or 16 bit
- Animation wheel: 8 bit
- Prism indexing & rotation: 8 bit
- Iris: 8 or 16 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

## Movement

- Pan movement: 540°
- Tilt movement: 265°
- Movement control: Standard and Speed
- Automatic Pan & Tilt position correction
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patented)
- MAPS™ - Motionless absolute positioning system for Pan and Tilt (Patented)

## Rotating gobos

- 7x rotating glass gobos
- Outside diameter: 22.3 mm
- Image diameter: 18 mm
- Thickness: 1 mm
- Max. thickness: 3.5 mm
- High temperature borofloat or better glass
- Patented slot & lock system for easy replacement of gobos

## Effect wheel

- Single animation wheel
- Material: Aluminium
- Can be used alone or in combination with rotating gobos
- Rotating in both directions at variable speed

## Framing shutters system

- Full curtain framing shutters: 4 Blades, each with separate movement and rotation control
- Movement: smooth with variable speed
- Smooth and very precise motion of framing shutters
- Rotation: +/- 60° of the complete framing system

## Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 70°C (158°F)
- Minimum operating temperature: -5°C (23°F)

## Noise Levels

- Sound pressure level
  - 24 dB(A) at 1 m (quiet mode)
  - 30 dB(A) at 1 m (auto mode)
- Sound power level:
  - 32 dB(A) (quiet mode)
  - 38 dB(A) (auto mode)

## Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: max. 480 W
- Power connector in: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45
- Ethernet port in/out: RJ45 (instead of 3-pin XLR) for Embedded Epass™ switch 10/100 Mbps - on request

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- Height: 648 mm (25,51") - head in vertical position
- Width: 372 mm (14,6")
- Depth: 251 mm (9.9") - head in vertical position
- Weight: 20.8 kg
- Ingress protection rating: IP20

## Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4-turn quick locks
- Safety cable attachment point
- Pan & Tilt transport locks

## Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs: 10980033
- Power cord including powerCON TRUE1 In connector
- Gel frame adaptor

## Optional accessories

- Top hat
- Gel frame
- Doughty Trigger Clamp: 17030386
- Frost 0.5° (exchange) assembled: 10981149
- Frost 1° (exchange) assembled: 10981150
- Frost 5° (exchange) assembled: 10981151
- Frost 10° (exchange) assembled: 10981152
- Frost 20° (exchange) assembled: 10981153
- Frost 30° (exchange) assembled: 10981154
- Safety wire 36 kg: 99011963
- Single Top Loader Case: 10120368
- Dual Top Loader Case: 10120369
- Quad Top Loader Case: 10120370
- Foam Shell: 20020506

## Legal

- T.5 Profile™ is a Trademark of Robe lighting s. r. o.
- T.5 Profile™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents