

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 10.500 lm

**Zoom range**

5° - 55°

**Effects**

CMY/RGB or RGBAL colour mixing, Full curtain framing shutters, Rotating gobo wheel, Iris, Animation wheel, Prism, Two frosts, Motorised zoom and focus



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 10.500 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 20.8 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:
 - 10.500 lm (integrating sphere)
 - 7.000 lm (goniophotometer)
- 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 66 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 2 editable programs (each up to 80 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
- DMX Protocol modes: 3
- Control channels: 49, 33, 55
- 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) - on request

Rotating gobos

- 7x rotating glass gobos
- Outside diameter: 21.3 mm
- Image diameter: 18 mm
- Thickness: 1.1 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

Environmental Information

- EPD Registration Number: EPD-IES-0026116:001

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: 10981233
- Gel frame: 10981429 Doughty Trigger Clamp: 17030386
- Omega T CL adaptér (2 ks): 10980184
- 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
- Upgrade kit CRMX Universal 260: 99030100
- 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