ROBE lighting s.r.o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

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 7.000 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 7.000 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.

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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.

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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:
  - 7.000 lm (integrating sphere)
  - 5.500 lm (goniophotometer)
- Output lens diameter: 130 mm

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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.

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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)

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Rotating gobos

- 7x rotating glass gobos
- Outside diameter: 21.3 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)

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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

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Optional accessories

- Top hat: 10981233
- 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
- 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