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

T2 Profile FS™

T2. Taking Multispectral perfection even further! While simultaneously maintaining the absolute colour finesse of Robe's phenomenally successful T1 series, featuring the MSL™ (Multi-Spectral) LED engine, our T2 Profile™ provides an enhanced output of more than 22.000 lumens, measured at the front lens, via its 850W MSL™ source, to throw their beautiful light even further than before. With a zoom range of 5–55°, T2 Profile™ is ideally suited to its longer-throw role in theatre, television, and touring.

Light source

MSL™ 850 W Multi-Spectral LED engine

Light output

up to 22.000 lm, CRI 95+, +- Green Correction Function, Cpulse™ special flicker free management for HD and UHD cameras

Zoom range

5° - 55°

Effects

Rotating gobo wheel, Static gobo wheel, Animation Wheel, Framing Shutters, 6-facet circular and linear prisms

T2 Profile™ is again full of theatrical subtlety. With CMY colour control, DataSwatch™ filters containing a selection of pre-programmed colours via our renowned RCC™ (Robe Colour Calibration) algorithm and a wide-ranging 2.700K to 8.000K CCT control, all variations of colour are possible. With absolutely no difference in colour produced by T1 and T2 platforms, you can use them together with confidence to provide consistent colour across your lighting rig, perfect for even the most demanding designers.

The precise needs of theatrical dimming are catered for with our super-smooth L3™ dimming system producing imperceptible fades to black. The high CRI of 95+ assures natural rendition of all skin tones. Specifically, for television work, we have included a plus and minus green channel and the Cpulse™ flicker-free management system for all vision systems including HD and UHD cameras, all controllable directly from your console. All this combined with our acclaimed four plane shuttering system, two rotating gobo wheels, an animation wheel, two rotating prisms, changeable 1° and 5° variable frosts with full zoom range coverage, gives you total control over your designs.

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Designed to operate in noise-sensitive environments such as television studios, theatres, and houses of worship, T2 utilises our innovative AirLOC™ system. Meaning "Less Optical Cleaning," this technology not only aids noise reduction but also dramatically reduces the level of airborne particles drawn over the optics, keeping them in pristine condition for far longer.

The T2 Profile FS™ is equipped with the digital camera on its head and can be connected with the RoboSpot™ BaseStation for off-stage follow spot operation.

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Technical Specification

Source

- Light source type: MSL™ 850 W Multi-Spectral LED engine (Patented)
- LED life expectancy: min. 40.000 hours
- Colour rendition:
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- LED life expectancy: min. 40.000 hours
- Colour rendition:

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
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- High-efficiency zoom optical system, ratio 11:1
- Zoom range: 5° - 55°, covers favoured field angles of most Theatre and TV lights

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
- 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

Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, built-in analyser for easy fault finding, NFC app controller
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, built-in analyser for easy fault finding, NFC app controller
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Movement

- Pan movement: 540°
- Tilt movement: 270°
- Movement control: Standard and Speed
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- Tilt movement: 270°
- Movement control: Standard and Speed

Static gobos

- 8x static glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25 mm
- 8x static glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25 mm

Rotating gobos

- 6x rotating glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25 mm
- 6x rotating glass gobos
- Outside diameter: 30.8 mm
- Image diameter: 25 mm

Effect wheel

- Single animation wheel
- Material: Aluminium
- Diameter: 121 mm
- Single animation wheel
- Material: Aluminium
- Diameter: 121 mm

Framing shutters system

- Patented Plano4™ framing shutters module
- Shutters: 4 Blades, each with separate movement and rotation control
- Movement: smooth with variable speed
- Patented Plano4™ framing shutters module

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- Shutters: 4 Blades, each with separate movement and rotation control
- Movement: smooth with variable speed

Camera

- Type: XNZ-L6320A
- Resolution: 1920 x 1080, 16:9 Full HD (1080p) resolution support
- Zoom:
- Type: XNZ-L6320A
- Resolution: 1920 x 1080, 16:9 Full HD (1080p) resolution support
- Zoom:

Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 70°C (158°F)
- Minimum operating temperature: -5°C (23°F)
- 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:
  - 23 dB(A) at 1 m (quiet mode)
  - 29 dB(A) at 1 m (auto mode)
- Sound power level:
- Sound pressure level:
  - 23 dB(A) at 1 m (quiet mode)
  - 29 dB(A) at 1 m (auto mode)
- Sound power level:

Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: max. 1150 W
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- Power consumption: max. 1150 W

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Approvals

- CE Compliant
- cETLus Compliant
- CE Compliant
- cETLus Compliant

Mechanical specification

- Height: 802 mm (31.6") - head in vertical position
- Width: 483 mm (19")
- Depth: 335 mm (13.2") - head in vertical position
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- Width: 483 mm (19")
- Depth: 335 mm (13.2") - head in vertical position

Rigging

- Mounting positions: 0°, 32°, 90°
- Universal operating position
- Mounting points: 5 pairs of 1/4-turn locking points
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- Universal operating position
- Mounting points: 5 pairs of 1/4-turn locking points

Included items

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

Optional accessories

- 7.5" Gel Frame: 10980561
- Top hat: 10980591
- Frost 0.5° (exchange) assembled: 10980581
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- Top hat: 10980591
- Frost 0.5° (exchange) assembled: 10980581

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Legal

- T2 Profile FS™ is a Trademark of Robe lighting s. r. o.
- T2 Profile FS™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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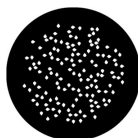
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Gobos&Colours

Rotating Gobo Wheel

15020407	15020408	15020409	15020410	15020411	15040025
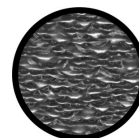
Static Gobo Wheel

15020412	15020413	15020306	15020414	15020308	15020415
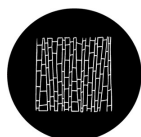
15020416	15020417

Animation Wheel

11020248