



The only 1 you need

Packaging

T1 Profile™ / T1 Profile FS™



Exterior dimensions

Cardboard
820 x 520 x 400 mm
(32.3" x 20.5" x 15.7")

Single Top Loader Case
790 x 680 x 600 mm
(31.1" x 26.8" x 23.6")

Dual Top Loader Case
790 x 1330 x 600 mm
(31.1" x 52.4" x 23.6")



www.robe.cz



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PROFILE™
PROFILE FS™

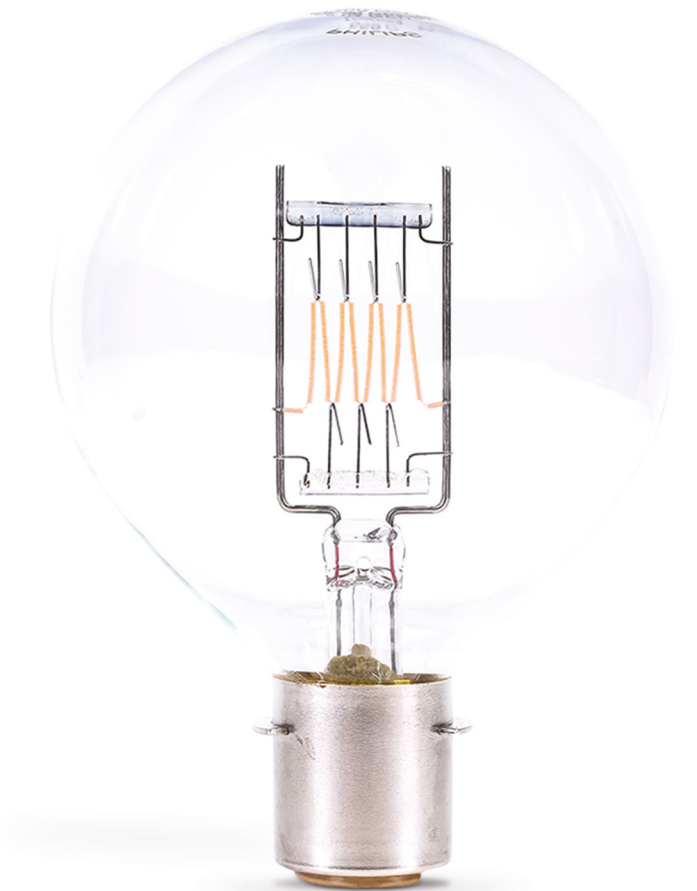
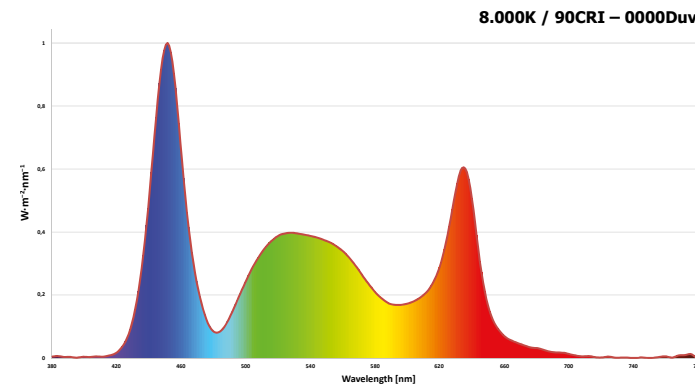
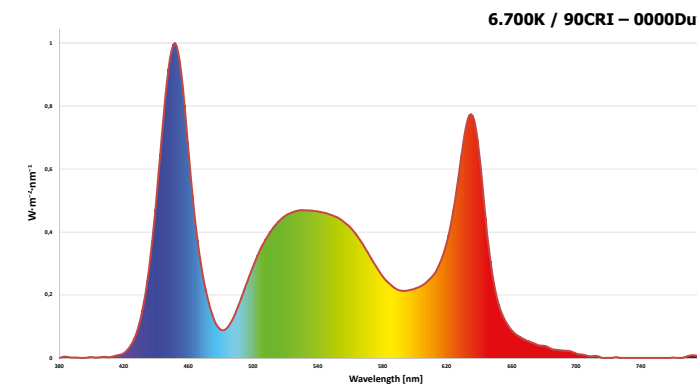
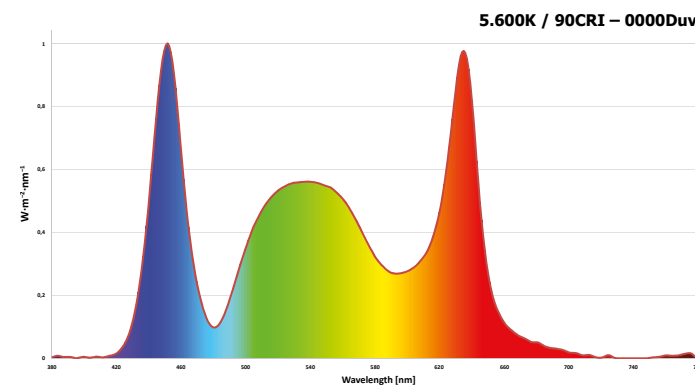
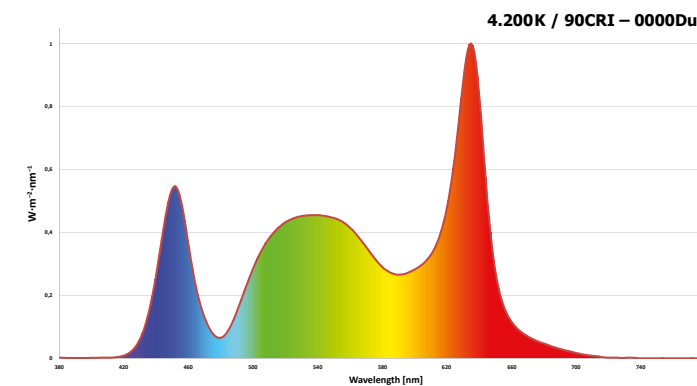
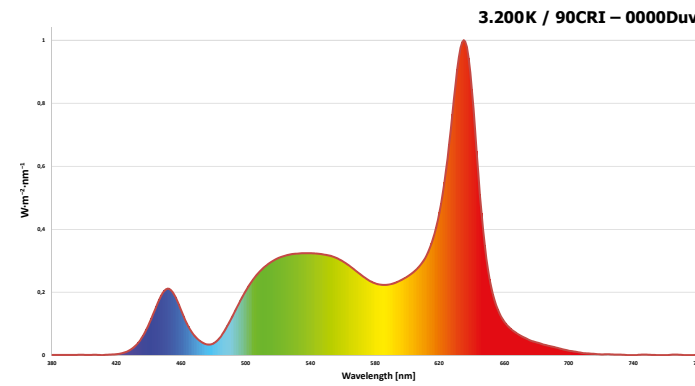
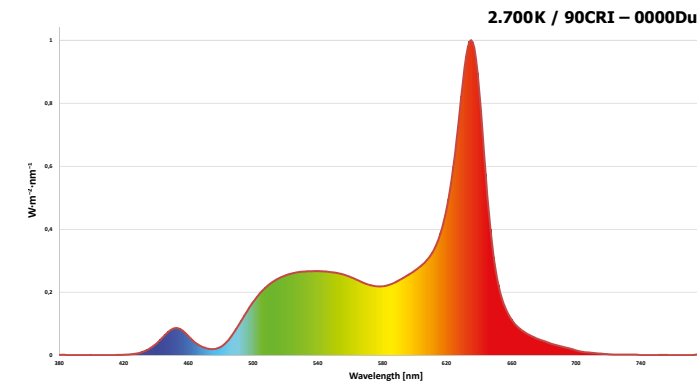


WHITE LIGHT SPECTRUM CHARTS

DATASWATCH™
FAST SELECTION
OF COLOURS
& TONES

**VARIABLE
CCT**
2.700K - 8.000K

CPULSE™
FLICKER
FREE
MANAGEMENT



Re-invented...

ROBE®

MSL™
MULTI-SPECTRAL
LED LIGHT
SOURCE

RCC™
ROBE COLOUR
CALIBRATION
SYSTEM

CMY
COLOUR MIXING



T1. The new **ONE** and only fixture you need for theatre, television and touring and now with the option to be connected to the Robe innovative RoboSpot system.

Specifically designed to fulfil the challenging requirements of these diverse applications within one comprehensive fixture. The new revolutionary MSL™ (Multi-Spectral Light) LED engine's output reaches 10.075 lumens. It's impressively bright. T1 Profile is full of theatrical subtlety. With CMY colour control, DataSwatch™ filters containing a selection of pre-programmed colours via the new generation RCC™ (Robe Colour Calibration) algorithm and a wide ranging 2.700K to 8.000K CCT control, all variations of colour are possible for even the most demanding designers. The precise needs of theatrical dimming are catered to with our super smooth Robe 18-bit dimming system. In addition, the high CRI of 90+ provides natural skin tones.

For television work, we have included a plus and minus green channel and Cpulse™ special flicker-free management for all vision systems such as HD and UHD cameras. All this combined with our crisp framing shutter system, full zoom range of 0,5° and 10° variable frosts, specially designed breakup and aerial gobos, animation wheel and prism, gives you total control of your designs in theatre, television and touring. You need only **ONE**. T1.

The T1 Profile FollowSpot is equipped with the digital camera on the head and can be connected with the RoboSpot BaseStation for off-stage follow spot operation.

Source

- Light source type: MSL™ 550 W Multi-Spectral LED engine
- LED life expectancy: min. 30.000 hours
- CRI 90+
- Control: Automatic and remote on/off
- Light source warranty: 3 years or 20.000 hours

Optical System

- Robe's proprietary optical design
- High - efficiency zoom optical system, ratio 7:1
- Zoom range: 7°-49°, covers favoured field angles of most Theatre and TV lights
- Fixture total lumen output: up to 10.075 lm

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
- Variable CTO: 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
- + - Green correction function
- Adjustable CRI from 80 to 90+
- Framing shutters: Patented framing shutters module with 4 individually positionable blades plus rotation of the complete frame 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
- Frosts: very light 0,5° for instant softening of the projected gobo or framing shutters and medium 10° for even wash, both selected specifically for theatre and TV use

Movement

- Pan movement: 540°
- 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
- Low maintenance requirements due to the sealed effect part of the head, no smoke or dust can get inside and adhere to the optical elements such as gobos and lenses

Rotating Gobos

- 7x rotating glass gobos
- Image diameter: 20.3 mm
- Outside diameter: 26.8 mm
- Thickness: 1.1 mm
- Max. thickness: 4 mm
- High temperature borofloat or better glass
- "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, variable speed

Framing Shutters System

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

Thermal Specification

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

Electrical Specification and Connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50 / 60 Hz
- Power consumption: max. 750 W at 230 V / 50 Hz (all LEDs On)
- Power in connector: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45

Approvals

- CE Compliant
- cETLus Compliant

Mechanical specification

- Height: 726 mm (28.6") - head in vertical position
- Width: 400 mm (15.7")
- Depth: 258 mm (10.2") - head in vertical position
- Weight: T1 Profile FS 25.5 kg (56.2 lbs)
- 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 and Tilt transport locks

Included Items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Top hat: 10980451
- Power cord including powerCON TRUE1 In connector
- Gel frame adaptor
- RoboSpot Camera for T1 Profile FS

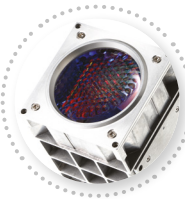
Camera for T1 Profile FS

- Type: SNZ-6320
- Resolution: 1920 x 1080, 16:9 Full HD (1080p) resolution support
- Zoom: 32x optical zoom, 16x digital zoom
- Streaming: H.264, MPEG dual codec, Multiple streaming
- Vision: Day & Night (ICR), WDR (120dB)
- Minimum illumination: 0.3 Lux



MSL™ Multi-Spectral LED Light source

The new revolutionary MSL™ 550W LED engine provides a fixture output reaching 10.075 lumens, high quality spectrum of CRI 90+, adjustable CCT from 2.700K to 8.000K and additive colour mixing with CMY control mode.



Animation Wheel

The new aluminium animation wheel (ø 109 mm) can be used alone or in combination with gobos.



CMY Colour Mixing



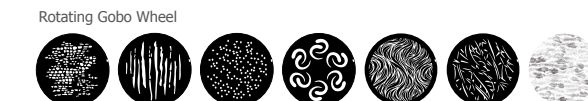
Framing Shutters Module

T1 uses a patented framing shutters module with four blades which can be individually controlled, positioned and angled. The whole module can be rotated + - 60°.



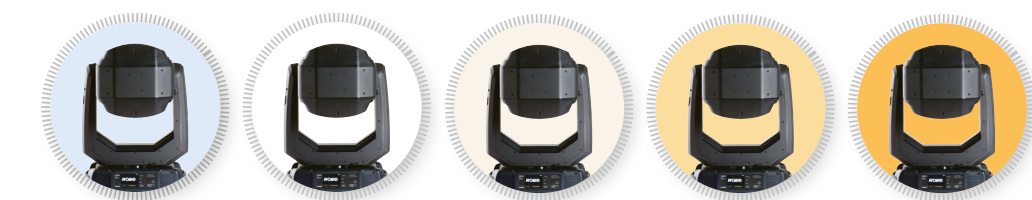
Gobos

T1 comprises a selection of breakup and aerial gobos designed specifically for theatrical and TV productions.



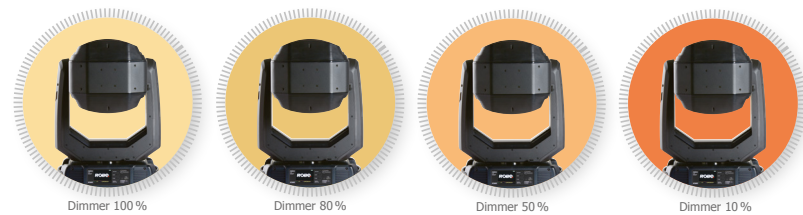
True White Colours

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.

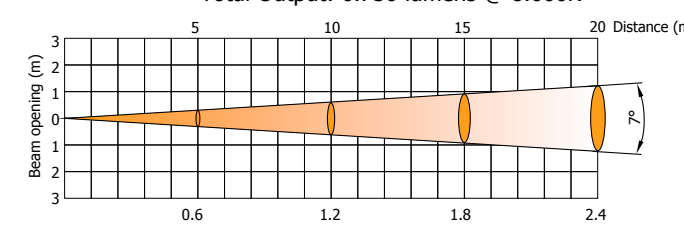


PHOTOMETRIC DIAGRAMS

Standard CRI (80)

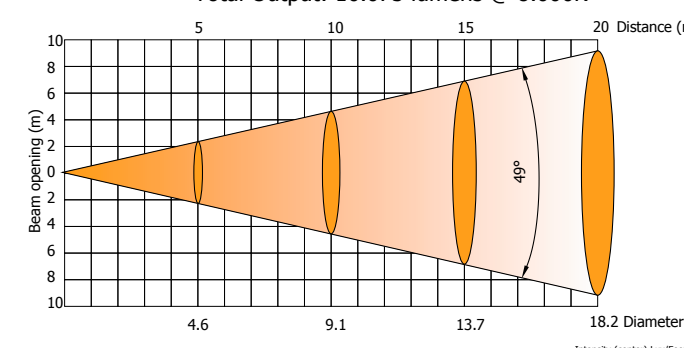
Beam angle 7° - Min. zoom

Total Output: 6.750 lumens @ 8.000K



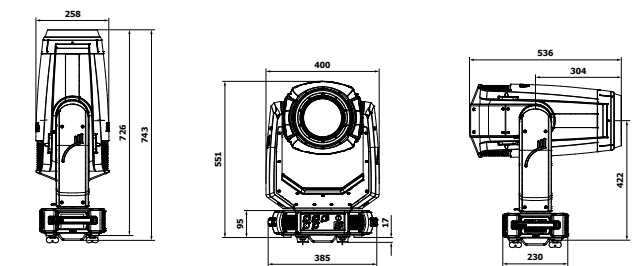
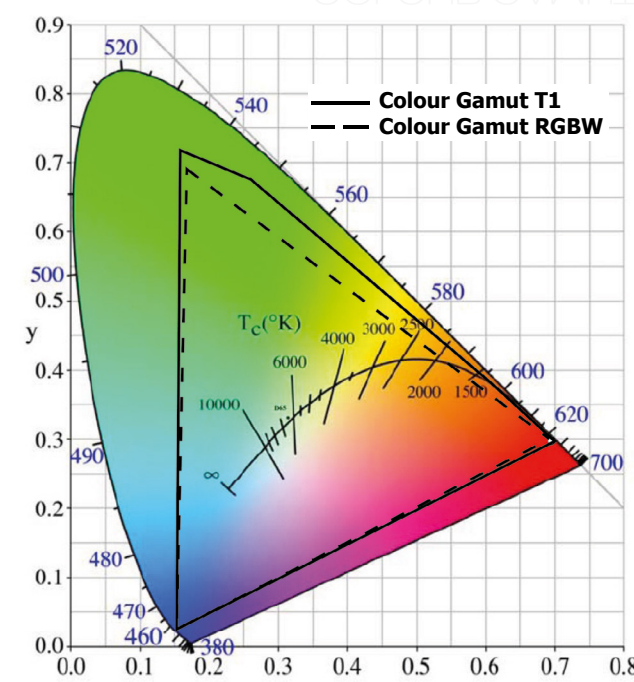
Beam angle 49° - Max. zoom

Total Output: 10.075 lumens @ 8.000K



MSL™ LED LIGHT SOURCE

COLOUR GAMUT





Like the original lamp of the same name, the Robe T1 is set to become just as influential in the world of stage and studio lighting.

Incorporating unique, innovative systems and technologies, including:

MSL™ - Multi-Spectral Light source, adjustable CCT from 2.700 K to 8.000 K, CRI 90+, 10.075 lm

DataSwatch™ - Fast selection of the most trusted colours & tones

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

EMS™ - Smooth stabilization movement system

Cpulse™ - special flicker-free management for all vision systems

RCC™ - Robe Colour Calibration system with on-call self-recalibration of the LED engine without the use of any external tool

The T1 Profile is the result of extensive collaboration with lighting professionals throughout the world and includes all the features they demand, including fast, easy, CMY colour control; separate +/- green hue control channel; 7°-49° focus tracking zoom; variable 0,5° and 10° frosts at all zoom levels; selection of breakup and aerial gobos, animation wheel; 6-facet prism, plus a fully motorised, rotating, framing shutter set.

The variable CCT from 2.700 K to 8.000 K and tungsten emulation features ensures the T1 Profile fits into any lighting design, and at just 24.5 kg, this compact fixture also slots into any rig.

T1 Profile™



T1 Profile FS™



Small, light, quiet & bright T1 - designed by you, for you, the only ONE you need.