

T15 Fresnel™

Catering to the needs of broadcast, film, and theatrical professionals who seek compact yet powerful manual wash luminaires, the T15 Fresnel™ and T15 PC™ emerge as an indispensable addition to the acclaimed Robe T Series.

**Light source**

MSL-TE™ 350W LED Engine (Patented)

**Light output**

11.960 lm

**Zoom range**

10° - 72°

**Effects**Virtual colour wheel, tungsten lamp effect,
motorized Zoom

Tailored for smaller television studios and performance spaces, the T15 fixtures uphold the esteemed standards of T-Series MSL™ Multi-spectral light quality.

Powered by the internally designed, developed, and manufactured MSL-TE™ 350W LED TRANSFERABLE ENGINE, they boast a remarkable output of 11.960 lumens (integrating sphere) through their 200mm front lenses. This innovative LED technology not only ensures identical colour characteristics, responses, and control as other T Series luminaires but also guarantees absolute colour consistency across your entire Robe lighting setup.

The innovative TRANSFERABLE ENGINES empower users to maintain light quality in a cost-effective manner through effortless engine changes, without the need for specialized tools. Furthermore, they ease cost-effective adoption to the latest LED advancements as they become available, significantly extending the fixture's lifespan and maximizing return on investment.

The T15 Fresnel™ and T15 PC™ effortlessly deliver a classic soft Fresnel or more defined PC wash beams, complemented by a motorized 7.2:1 ratio 10 - 72° zoom range. Leveraging the latest ZoomStat™ motorized zoom system, all optical elements stay enclosed within the fixture, ensuring the front lens remains fixed and shielded from particle ingestion and visual movement distraction.

With colour control via CMY, RGB or individual RGBAL emitter control, the fixture offers a virtually controlled CCT range from 2,700K to 8,000K, calibrated whites, and tungsten emulation, the T15 Fresnel™ and T15 PC™ provide precise control over all lighting scenarios. Exceptional rendering of skin tones is ensured through the luminaire's high TLCI and TM30-18 ratings, along with an outstanding virtual CRI control from 80 to 95.

In combination with our renowned L3™ Low Light Linearity 18-bit dimming software for imperceptible fades, we offer a choice of three different dimmer curves to suit your needs.

Designed for both network control or stand alone operation, the luminaire features two backlit faders for direct zoom and intensity control.

Designed for operation in noise-sensitive environments, the T15 Fresnel™ and T15 PC™ come equipped with a comprehensive suite of fan settings to cater to even the most discerning users. The incorporation of AirLOC™ (Less Optical Cleaning) technology minimizes airflow over the optical elements, resulting in reduced residue deposits and remarkably quiet operation.

To remotely lock the zoom firmly in place through unlimited power cycles, the BARS™ (Brake Attribute Retention System) can be applied directly from your console.

To guarantee full acceptance in TV studios, or on-location sets, the T15 luminaires feature Cpulse™ flicker-free software and a dedicated plus and minus green channel control. Additionally, the rapid-change front lens system enables swift transformation into a Fresnel fixture, offering wash luminaire flexibility without the need for separate generic purchases.

A full range of accessories is available, including four and eight leaf barndoors and a pole op kit.

T15 Fresnel™ and T15 PC™ - Perform with confidence.

Technical Specification

Source

- Light source type: MSL-TE™ 350W LED Engine (Patented)
- LED Engine output: 16.700 lm
- LED life expectancy: min. 40.000 hours
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Optical system

- Robe's proprietary optical design
- Profile zoom lens system
- High-efficiency zoom optical system, ratio 7.2:1
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- Profile zoom lens system
- High-efficiency zoom optical system, ratio 7.2:1

Main features

- 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
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Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: two-row LCD display & 4 control buttons
- Protocols:
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- Display: two-row LCD display & 4 control buttons
- Protocols:

Thermal specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 90 °C (194 °F)
- Minimum operating temperature: -5 °C (23 °F)
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- Maximum surface temperature: 90 °C (194 °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. 420 W
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Approvals

- CE Compliant
- cETLus Compliant
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Mechanical specification

- Height: 493 mm (19.4")
- Width: 321 mm (12.63")
- Depth: 498 mm (19.6")
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- Width: 321 mm (12.63")
- Depth: 498 mm (19.6")

Rigging

- Mounting horizontally or vertically via mounting yoke
- Mounting points: M12 bolt
- Safety cable attachment point
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- Mounting points: M12 bolt
- Safety cable attachment point

Included items

- User Manual
- Gel frame adaptor
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- Gel frame adaptor

Optional accessories

- T11/T15 TE™ 350W Multi-Spectral LED Engine: 14080070
- T11/T15 TE™ 350W TGW White LED Engine: 14080090
- T11/T15 TE™ 350W DL White LED Engine: 14080089
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- T11/T15 TE™ 350W TGW White LED Engine: 14080090
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Legal

- T15 Fresnel™ is a Trademark of Robe lighting s. r. o.
- T15 Fresnel™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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