

T11 Fresnel™

Our unique T11 Fresnel™ delivers both superb performance and total generic flexibility!



Light source

TE™ 350W Multi-Spectral LED engine



Light output

10.085 lm, CRI 95+, + - Green Correction Function, Cpulse™ special flicker free management for HD and UHD cameras, ready for 8K and 16K



Zoom range

manual 5°- 60°



Effects

Manual internal barndoors, Frost



Building on the superb MSL™ (Multi-Spectral Light) colour concept, and innovative TE™ technology, our static T11 Fresnel™ maintains the exceptional colour finesse of the phenomenally successful T-Series. With a fast, interchangeable front lens system, the T11 Fresnel™ offers absolute, cost-effective flexibility while delivering superb optical quality.

With the MSL-TE™ 350W LED Engine generating over 10.085 lm from the Fresnel fixture and all the advantages of cost, exchange or replacement, this LED technology provides identical colour characteristics, responses, and control of T-Series luminaires, giving absolute colour consistency across your Robe lighting installation.

A virtually controlled CCT range of 2.700K to 8.000K (extended range 2.700K - 10.000K), calibrated whites, and tungsten emulation gives precise control, while we ensure skin tones are perfectly rendered due to T11's high TLCI and TM30-18 ratings and exceptional CRI of 95+.

Capitalizing on the benefits of TRANSFERABLE ENGINES to address the need for task-specific LED solutions, we introduce two additional TRANSFERABLE ENGINE options. The TE™ 350 LED DL (Daylight) White 6.000 K engine boasts a CRI of 97 and yields over 5.700 lm, while the TE™ 350 LED TGW (Tungsten White) White 3.200 K engine delivers over 4.500 lm with a CRI of 97, as measured in an integrating sphere.

High-definition optics deliver the classically soft Fresnel style beam, with a wide-ranging 5-60° zoom range.

Our innovative manual shuttering system, functioning as an internal barn door, is both accurate and easy to use. Fitted in the fixture is a manual 1° MagFrost™ for instant softening, with a 5° MagFrost™ stored on the magnetic holder within the fixture. Other optional frosts are available.

The unobtrusive T11 Fresnel is specifically designed to operate in any noise-sensitive environment, with TV studio use enhanced via Cpulse™ flicker-free software and a dedicated plus and minus green channel control.

Utilizing the rapid-change front lens system, the T11 Fresnel™ quickly transforms into a Profile or PC fixture for total luminaire flexibility without the cost of separate generic purchases.

T11 The three into one generic solution!

Technical Specification

Source

- Light source type: MSL-TE™ 350W LED Engine (Patented)
- LED Engine output: 16.700 lm
- Colour rendition:
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- LED Engine output: 16.700 lm
- Colour rendition:

Optical system

- Robe's proprietary optical design
- Profile zoom lens system
- High-efficiency manual zoom: ratio 12:1
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- Profile zoom lens system
- High-efficiency manual zoom: ratio 12:1

Main features

- Colour mixing: CMY/RGB or RGBAL
- White light: Variable CCT standard range 2.700K - 8.000K, extended range 2.700K - 10.000K
- 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: two-row LCD display & 4 control buttons
- Protocols:
 - USITT DMX-512, RDM
 - ArtNet, MA Net, MA Net2, sACN
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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: 385 mm (15.15")
- Depth: 653 mm (25.7")
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- Width: 385 mm (15.15")
- Depth: 653 mm (25.7")

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
- Frost 1° (exchange) assembled: 10980578
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- Frost 1° (exchange) assembled: 10980578

Optional accessories

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

Legal

- T11 Fresnel™ is a Trademark of Robe lighting s. r. o.
- T11 Fresnel™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents
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