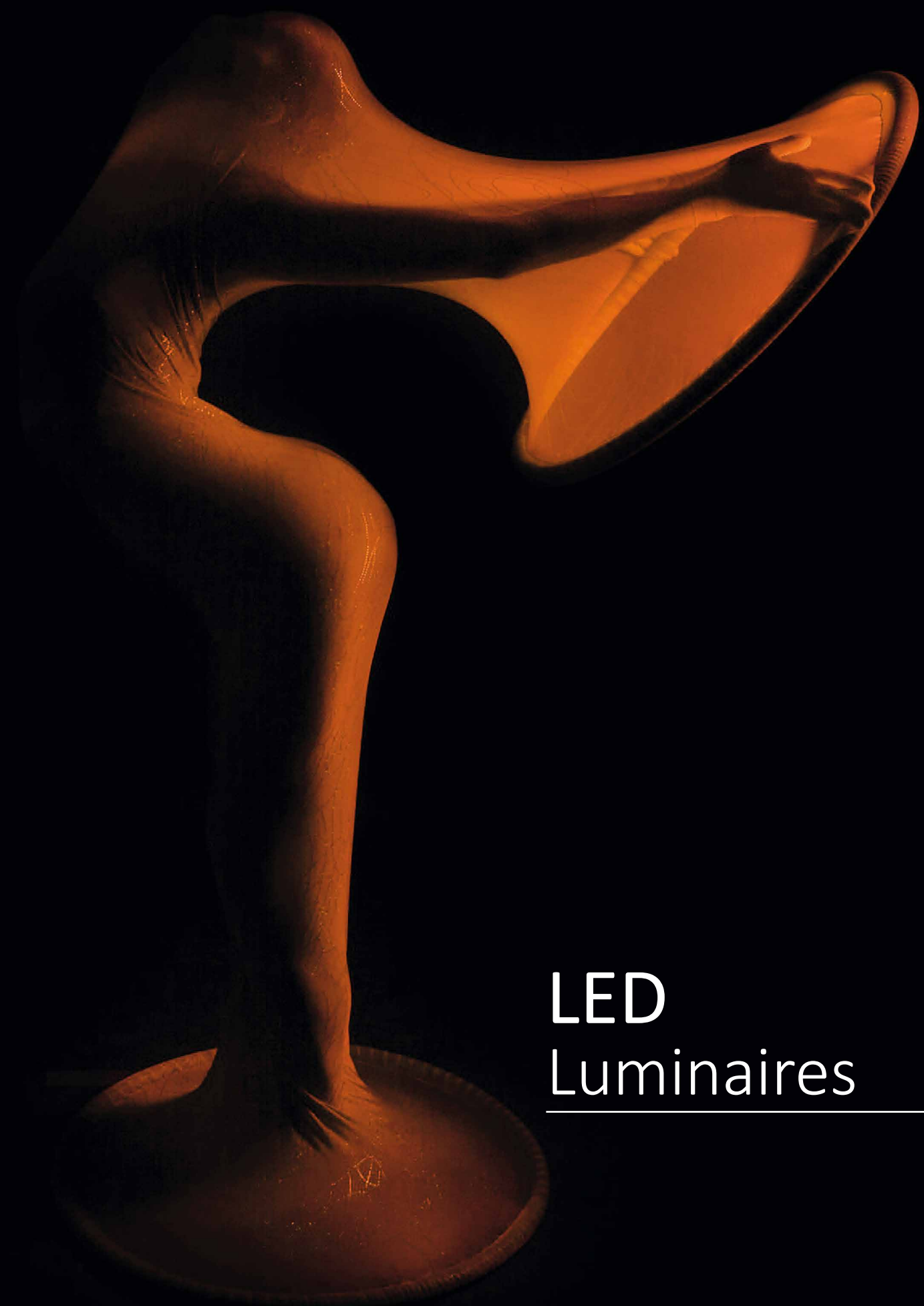LDR lucirribalta

LED
Luminaires

TONDO

80W LED

- 3200K and 5600K white, 90/305V
- individual manual control of dimming at rear
- all models available in black, white and silver finish ■□▨

Led Luminaires

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

CETRA
89/120W

- 89W 3200K and 5600K white, 100/260V, DMX512, RDM on demand

- 120W RGBW and TW, 100/260V, DMX512+RDM

- all models also available with pole-operated stirrup (PO)

- all models available in black, white and silver finish

RANGE

FRESNEL	
PC	
10/28	
20/40	

ARPA
128/180W

- 128W 3200K and 5600K white, 100/260V, DMX512, RDM on demand
- 180W RGBW and TW, 100/260V, DMX512+RDM
- all models also available with pole-operated stirrup (PO)
- all models available in black, white and silver finish

Led Luminaires
For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

ALBA
230/380W

- 230W 3200K and 5600K white, 100/260V, DMX512+RDM

- 380W RGBW and TW, 100/260V, DMX512+RDM

- all models also available with pole-operated stirrup (PO)

- all models available in black, white and silver finish

RANGE

FRESNEL

PC

8/22

18/36

30/55

SAMBA
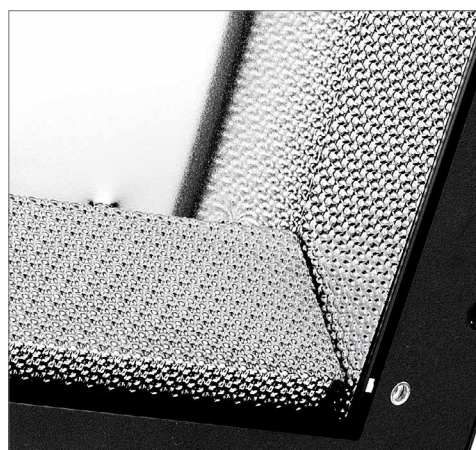
120W

- 120W 3200K and 5600K, white + RGBW 100/260V, DMX512+RDM

- 4 - leaf barndoor accessory available for the 3200K and 5600K models

- all models available in black, white and silver finish ■☐◪

Led Luminaires

LED
Followspots

ASTRO
250 + 250 HP
230W

- 230W 3200K and 5600K white, 100/260V, DMX512+RDM
- standard or HP (High Power) option, for extra light output up to 40%
- manual dimming also available through clamp-on digital dimmer, positionable along the side bars to suit any operator's needs
- spigot with fluid head for smooth pan and tilt control available as extra accessory
- all models available in the kit version, including: followspot, 5-colour colour changer, black followspot tripod, clamp-on digital dimmer and stackable flight-case on braking wheels
- all models available in black and white finish ■□

RANGE

	3200K
	3200K HP
	5600K
	5600K HP

Led Followspots

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

ASTRO Wi-Fi
250 + 250 HP
380W

- 380W RGBW, 100/260V, DMX512+RDM
- standard or HP (High Power) option, for extra light output up to 40%
- colour control by Android or Ios mobile device connected to proprietary wi-fi access point (1 device only, 12m range) or remote DMX512-RDM
- fitted with USB port to recharge your mobile device while operating the followspot
- clamp-on universal mobile phone holder 3.5/6.5in, 360° rotatable, supplied
- Android mobile phone, with pre-loaded app and proprietary colour library, on demand
- manual dimming also available through clamp-on digital dimmer, positionable along the side bars to suit any operator's needs, supplied
- spigot with fluid head for smooth pan and tilt control available as extra accessory
- available in black and white finish and in kit configuration, including: followspot, fitted 5-colour colour changer, black followspot tripod, clamp-on digital dimmer and stackable flight-case on braking wheels

RANGE

250 WI-FI

250 WI-FI HP

ASTRO 600

600W

- 600W 6000K white, 100/260V, DMX512+RDM
- throw up to 50m, beam angle 8/16°
- sturdy, sliding stirrup for a perfect control of balance, pan and tilt
- closed gate area, accepting both iris and gobo holder simultaneously, avoids any light leak around the followspot's body
- manual dimming also available through clamp-on digital dimmer, positionable along the side bars to suit any operator's needs, supplied
- spigot with fluid head for smooth pan and tilt control, supplied
- standard delivery also includes iris diaphragm and 6-colour colour changer unit
- available in black and white finish and in kit configuration, including: followspot, 6-colour colour changer, black followspot tripod, clamp-on digital dimmer and stackable flight-case on braking wheels

Led Followspots

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

LAMP
Followspots

TANGO

Discharge followspots for long-throw applications

- 1200W and 1500W with automatic voltage selection 100/260V or 2000W 180/260V

- suitable for Fast Fit PGJX50 MSR Gold lamps, 6000K and 7500K, 750hrs

- external electronic ballast unit

- integral but removable 7-colour colour changer unit

- high-precision 24-leaf iris and integral dowser

- DMX-512 or locally controllable motorized control of dowser, accessory

- custom-designed HD tripod stand with fluid head for a perfectly smooth control of pan and tilt, accessory

- all models available in the kit version, including : followspot, lamp, 7-colour colour changer, HD followspot tripod, and stackable flight-case on braking wheels

RANGE

1200W

1500W

2000W

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

CANTO FF

Discharge followspots
with electronic ballast

- 700W, 1200W and 1500W set for either 120V or 230V
- 2000W suitable for 180/260V nets
- suitable for Fast Fit PGJX50 MSR Gold lamps, 6000K and 7500K, 750hrs
- external electronic ballast unit
- spigot with fluid head for smooth pan and tilt control available as extra accessory
- iris diaphragm, dowser and spigot included in standard delivery
- all models available in the kit version, including : followspot, lamp, fitted 5-colour colour changer, black followspot tripod, and stackable flight-case on braking wheels
- all models available in black and white finish ■□

RANGE

700W

1200W

1500W

2000W

Lamp Followspots   15

CANTO

Discharge followspots with electromagnetic ballast

- 575W, 700W and 1200W set for either 100V, 120V, 230V and 250V
- suitable for MSR and MSD lamps
- external electromagnetic ballast unit
- spigot with fluid head for smooth pan and tilt control available as extra accessory
- iris diaphragm, dowser and spigot included in standard delivery
- all models available in the kit version, including : followspot, lamp, fitted 5-colour colour changer, black followspot tripod, and stackable flight-case on braking wheels
- all models available in black and white finish

RANGE

575W

700W

1200W

Lamp Followspots

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

CANTO TH
TH followspots

- 1200W and 2000W set for either 120V and 230V

- suitable for GX9.5 or G22 1000/1200W lamps and GY16 2000W lamps

- spigot with fluid head for smooth pan and tilt control available as extra accessory

- iris diaphragm, dowser and spigot included in standard delivery

- all models available in the kit version, including: followspot, lamp, fitted 5-colour colour changer, black followspot tripod, and stackable flight-case on braking wheels

- all models available in black and white finish ■□

RANGE

1200W

2000W

LAMP
Luminaires

SUONO PLUS
500/650W 120/240V TH luminaires

- professional range of theatrical luminaires for short-throw applications

- double-microswitch disconnector for safe lamp replacement

- screw-focus mechanism with control at front on Fresnel (F), Pebble-Convex (PC) and Polished Pebble-Convex (PPC) models

- double-condensor optics profiles for a crisp, highly defined beam and gobo projection (M/D size)

- hinging lamp tray with GY9.5 base on all models

- all models also available with pole-operated stirrup (PO)

- all models available in black, white and silver finish

RANGE

FRESNEL

PC+PPC

10/28

20/40

Lamp Luminaires   19

NOTA PLUS

1000/1200W 120/240V TH luminaires

- professional range of theatrical luminaires for medium-throw applications
- double-microswitch disconnector for safe lamp replacement
- screw-focus mechanism with control at front and rear on Fresnel (F), Pebble-Convex (PC) and Polished Pebble-Convex (PPC) models
- hinging lamp tray with GX9.5 base on all models
- double-condensor optics profiles for a crisp, highly defined beam and gobo projection (A/B size, metal and dichro)
- 3-lens zoom optics on profiles for enhanced optical performance
- all models also available with pole-operated stirrup (PO)
- all models available in black, white and silver finish

RANGE

FRESNEL

PC+PPC

8/22

18/36

30/55

Lamp Luminaires

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

RANGE

	FRESNEL
	PC+PPC
	8/22
	18/36
	30/55

TONO PLUS

2000/2500W 120/240V TH luminaires

- professional range of theatrical luminaires for long-throw applications

- double-microswitch disconnector for safe lamp replacement

- screw-focus mechanism with control at front and rear on Fresnel (F), Pebble-Convex (PC) and Polished Pebble-Convex (PPC) models

- hinging lamp tray with G22 base on spots, GY16 on profiles

- double-condensor optics profiles for a crisp, highly defined beam and gobo projection (A/B size, metal and dichro)

- 3-lens zoom optics on profiles for enhanced optical performance

- all models also available with pole-operated stirrup (PO)

- all models available in black, white and silver finish

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

TEMPO PLUS

500/650W 120/240V TH luminaires

- basic range of theatrical luminaires for short-throw applications
- choice of Fresnel (F), Pebble-Convex (PC) and Polished Pebble-Convex (PPC) 120mm dia. lenses
- GY 9,5 lamp-base
- sliding top lid for easy access to lamp
- sledge zoom-focus mechanism on teflon base with control at bottom for a smooth movement
- all models available in black, white and silver finish

RANGE

FRESNEL

PC+PPC

Lamp Luminaires

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

ARIA PLUS
1000/1200W 120/240V TH luminaires

- basic range of theatrical luminaires for medium-throw applications
- choice of Fresnel (F), Pebble-Convex (PC) and Polished Pebble-Convex (PPC) 150mm dia. lenses
- GY9,5 adjustable lamp-base
- sliding top lid for easy access to lamp
- sledge zoom-focus mechanism on teflon base with control at bottom for a smooth movement
- all models available in black, white and silver finish

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

RIMA A/S+PRO

400/500W 230/240V TH floods

- vast range of symmetrical and asymmetricl floods for short-throw applications in flood- or cyclorama lighting

- pure-aluminium reflectors for a high optical performance and an even beam distribution

- modular system, allows single units to be connected to create battens or square configurations

- single units available with or without stirrup

- Pro version fitted with microswitch disconnector for safe lamp replacement and front safety glass

- large choice of accessories, including 2-, 3- and 4-leaf barndoors, left and right 2-leaf barndoors for square configurations, safety glass and mesh

- all models also available in the extended version for longer gel life

- all models available in black, white and silver finish

RANGE

A500F + PRO

A500 + PRO

S500F + PRO

S5000 + PRO

Lamp Luminaires
For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

INNO
1000/1250W 230/240V

- range of symmetrical and asymmetricl floods for medium-throw applications in flood- or cyclorama lighting

- pure-aluminium reflectors for a high optical performance and an even beam distribution

- modular system, allows single units to be connected to create battens or square configurationss

- microswitch disconnector for safe lamp replacement and front safety glass on hinging front door fitted as standard

- large choice of accessories, including 2-, 3- and 4-leaf barndoors, left and right 2-leaf barndoors for square configurations and mesh

- all models also available in the extended version for longer gel life and with pole-operated stirrup (PO)

- all models available in black, white and silver finish

RANGE

A1000

S1000

ARCHITECTURAL
Luminaires

SOFFIO

150W Discharge luminaires

- range of stylish theatrical-style luminaires for architectural applications
- built-in electronic ballast
- suitable for 150W CDM lamps, 3000K and 4200K, rated life up to 10.000hrs
- can be rail-mounted
- choice of Fresnel (F), 120mm dia. lenses and double-condensor optics profiles for a crisp, highly defined beam and gobo projection (M/D size)
- freeware GoboWizard allows to design colour customized gobos to be printed on acetate film
- all models available in black, white and silver finish ■ □ ▨

RANGE

FRESNEL

10/28

20/40

RIMA 150

150W Discharge floods

- range of stylish and high-specification discharge symmetrical and asymmetrical floods for architectural applications
- built-in electronic ballast
- suitable for 150W CDM lamps, 3000K and 4200K, rated life up to 10.000hrs
- can be rail-mounted
- fitted with front safety glass; barndoors available as accessory
- all models available in black, white and silver finish
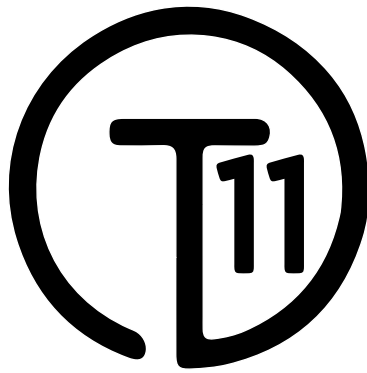
RANGE

A150

S150

Architectural Luminaires

For full specifications on each model please refer to our website on www.ldr.it or to our sales team at info@ldr.it

T11

PROFILE™
FRESNEL™
PC™
MFS™

ROBe.

T11

PROFILE™
FRESNEL™
PC™
MFS™

Harnessing the superb MSL™ (Multi-Spectral Light) colour concept with our revolutionary TE™ technology, the T11 generic collection brings you the same exceptional T-Series colour finesse, high-definition optics, and beam control all within one standard housing. With a choice of quick-change front lenses, T11 is the all-encompassing range of Profile, Fresnel, PC and MFS (Manual Follow Spot) that includes the following technologies:

TE™ 350W - TRANSFERABLE ENGINES – LED engine choices include; MSL Multi-Spectral for total colour finesse and rendition with adjustable CCT from 2.700K to 8.000K (Extended range 2.700 – 10.000K); CRI 95+; DL Daylight White 6.000K CRI 97; TGW Tungsten White 3.200K CRI 97

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

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

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

RCC™ - Robe Colour Calibration system

MagFrost™ - Integral fast change frost filters

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

Epass™ - Ethernet pass-through switch sustains Ethernet integrity when the fixture has no power, automatically maintaining network connectivity - on request

REAP™ - Robe Ethernet Access Portal

Being specifically designed for noise-sensitive environments, T11, with its compact, single body interchangeable front-lens approach, provides maximum cost-effective flexibility. The TRANSFERABLE ENGINE equipped Profile, PC, Fresnel and MFS™ contain all the features top lighting designers demand. These include wide zoom ranges of 5-50° for the Profile or MFS™, and 5-60° for the PC and Fresnel; interchangeable 1° and 5° frosts; 4 individual plane shutter system with shutter lock; optional drop-in iris and gobo module with two rotating and three static gobos.

With fixture balancing ergonomically designed handle, manually operated intensity control, iris and sturdy tripod, the T11 MFS™, available separately or as an add-on kit, adds another dimension and capability to your T11 Profiles.

Without compromise, the feature-packed T11 Series, with single integral lens tube, interchangeable front lenses, frosts and interchangeable TRANSFERABLE ENGINE technology, brings you greater generic flexibility than ever before.

350W MSL-TE™
MULTI-SPECTRAL LED LIGHT SOURCE

T11

L3™ LOW LIGHT LINEARITY

DATASWATCH™ FAST SELECTION OF COLOURS & TONES

C M Y R G B COLOUR MIXING

VARIABLE CCT 2.700K - 8.000K

CPULSE™ FLICKER FREE MANAGEMENT

Finally, the one body generic fixture solution you have been searching for is here! Our unique T11 solves all your multiple luminaire challenges.

Building on the superb MSL™ (Multi-Spectral Light) colour concept and innovative TE™ technology, T11 brings you the same exceptional colour finesse, high-definition optics, wide-ranging zoom, and beam control all within one standard housing. With a choice of quick-change front lenses, T11 is an all-encompassing, cost-saving Profile, Fresnel, PC or FollowSpot.

Capitalizing on the benefits of TRANSFERABLE ENGINE technology to address the need for task specific LED solutions we offer three engine choices. The multispectral MSL-TE™ 350W LED Engine provides identical colour characteristics, control, and responses of our phenomenally successful T series, giving absolute colour consistency across your T-Series rig together with superb colour rendition. 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.

Alternatively, for those seeking specific colour temperature white LED sources the TE™ 350 LED DL (Daylight) White 6.000 K engine boasts a CRI of 97, while the TE™ 350 LED TGW (Tungsten White) White 3.200 K engine features a CRI of 97.

The profile features an extreme 10:1 ratio 5 - 50° zoom range within its compact 15 kg frame. The innovative manual shuttering system is both accurate and easy to use. The fixture comes with manually interchangeable frosts. Using our quick change MagFrost™ system, the 1° provides instant softening, with the 5° used for heavier applications.

Fitting the Fresnel lens gives you that classic style beam, while the PC lens provides a more defined beam. Both lenses create a manually operated 5-60° zoom, with the manually operated shutters providing barndoor ability for further beam control without the danger of them being easily disturbed. These are supplied with 5° MagFrost™ as standard.

An adaptation of the T11 Profile™, the T11 MFS™ (Manual FollowSpot) features a fixture balancing ergonomically designed handle, manually operated intensity control, iris and sturdy tripod. Our T11 MFS™ is available separately or as an add-on kit to your existing profiles. Highly suitable for schools, corporate events, or smaller theatres, it adds another dimension and flexibility to the T11 Series.

The unobtrusive T11 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.

T11 - The ultimately flexible generic solution!

Source

- Light source type: MSL-TE™ 350W LED engine (Patented)
- LED Engine output: 16.700 lm
- LED life expectancy: min. 50.000 hours
- Colour rendition: CRI: 95, CRI R9: 96, TM30-18 Rf: 92, TM30-18 Rg: 106, TLCI: 91
- Typical lumen maintenance: L70/B50 @ 40.000 hours
- Light source warranty: 4 years or 50.000 hours

Optical System

- Robe's proprietary optical design
- High-efficiency manual zoom with high definition optics:
  T11 Profile - ratio 10:1, zoom range 5°- 50°
  T11 Fresnel / PC - ratio 12:1, zoom range 5°- 60°
- Fixture total lumen output
  T11 Profile: 12.000 lm (integrating sphere)
               9.500 lm (goniophotometer)
  T11 Fresnel: 10.085 lm (integrating sphere)
               8.032 lm (goniophotometer)
  T11 PC: 10.450 lm (integrating sphere)
          8.353 lm (goniophotometer)

Dynamic Effects and 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
- 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+
- Manual framing shutters: framing shutters module with 4 individually positionable blades
- Optional drop-in module: motorised iris, 2 rotating and 3 static gobos
- MagFrost™ - magnetic paddle fast change system with 1° (Profile) or 5° (Fresnel/PC) frost for instant softening
- Manual zoom and focus
- Electronic strobe effect with variable speed up to 20 Hz, pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0–100%
- L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- Dimmer profile selection: Linear, Square law, Super Square law
- Cpulse™ - special flicker-free management for HD and UHD cameras, ready for 8K and 16K up to 25.000Hz
- Extremely quiet operation suitable for all types of production in Theatre and TV.

- 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.
- Manual fader for dimmer control (T11 MFS)

Control and Programming

- Setting & Addressing: two-row LCD display & 4 control buttons
- 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: 8
- Control channels: 18, 9, 22, 6, 1, 24, 13, 28
- Variable CCT: 8 bit
- + - Green correction: 8 bit
- Colour mixing: 8 or 16 bit (internal 18 bit)
- Gobo indexing & rotation: 8 or 16 bit
- Iris: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

Rotating Gobos - *T11 Profile*

- 2x rotating glass gobos - supllied with optional drop-in gobo module
- Outside diameter: 26.8 mm
- Image diameter: 23.5 mm
- Thickness: 1.1 mm
- Max. thickness: 4.0 mm
- High temperature borofloat or better glass
- Patented slot & lock system for easy replacement of gobo

Static Gobos - *T11 Profile*

- 1x static glass gobo - supplied as standard including the gobo holder
- 3x static glass gobos - supplied with optional drop-in gobo module
- Outside diameter: 26.8 mm
- Image diameter: 23.5 mm
- Thickness: 1.1 mm
- Max. thickness: 4.0 mm
- High temperature borofloat or better glass
- Gobo holder R size: slot & lock system for easy replacement of gobos

Thermal Specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 90 °C (194 °F)

- Minimum operating temperature: -5 °C (23 °F)
- Total heat dissipation: max. 1125 BTU/h (calculated)

Electrical Specification and Connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100–240 V, 50 / 60 Hz
- Power consumption: max. 420W
- Power connector in/out: Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: Locking 5-pin XLR
- Ethernet port in/out: RJ45 for Embedded Epass™ switch 10/100 Mbps - on request

Approvals

- CE Compliant
- cETLus Compliant

Movement - *T11 MFS*

- Pan movement: 200°
- Tilt movement: 90°

Mechanical Specification

T11 Profile / Fresnel / PC
- Height: 493 mm (19.4")
- Width: 385 mm (15.15")
- Depth: 653 mm (25.7")
- Weight:
  T11 Profile: 15.7 kg (34.6 lbs);
  16.9 kg (37.3 lbs) with optional drop-in gobo module
  T11 Fresnel: 14.5 kg (32.0 lbs)
  T11 PC: 15.3 kg (33.7 lbs)

T11 MFS
- Height: 458 mm (18.03")
- Width: 712 mm (28.03")
- Depth: 388 mm (15.27")
- Weight:
  Manual FollowSpot: 3.7 kg (8.2 lbs)
  Tripod: 6.5 kg (17.2 lbs)
  Adaptor for tripod: 3.6 kg (7.9 lbs)

- Ingress protection rating: IP20

Rigging

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

Included Items

T11 Profile / Fresnel / PC
- User Manual
- Gel frame adaptor
- Gobo Holder R size with gobo (T11 Profile): 10980655

- □ Frost 1° (exchange) assembled: 10980578
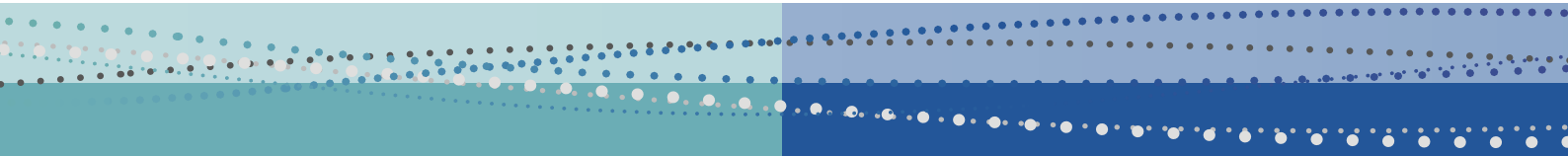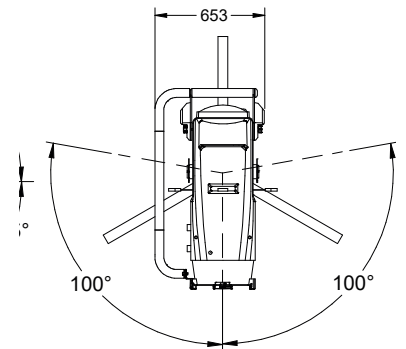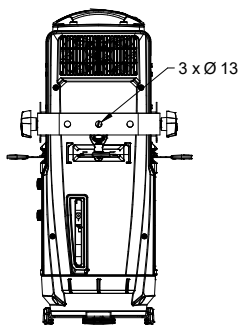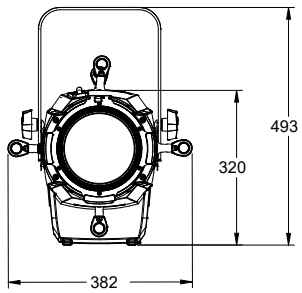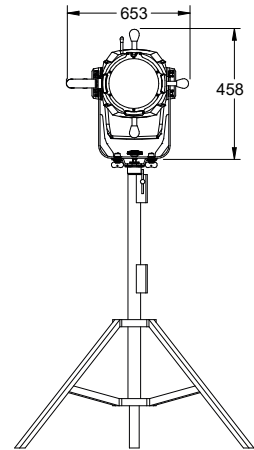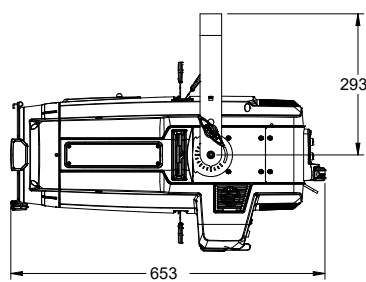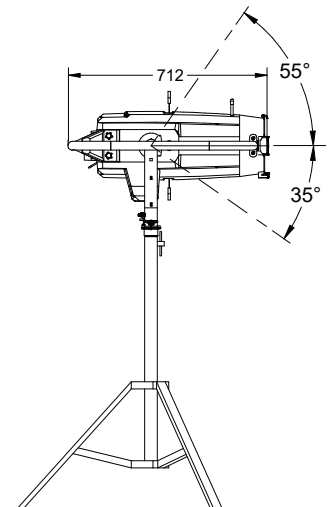- □ Frost 5° (exchange) assembled: 10980573

T11 MFS
- □ Drop-in manual Iris
- □ Tripod (min. height 60 cm, max. height 110 cm, black colour)
- □ Adaptor for tripod
- □ Spigot

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
- □ Doughty Trigger Clamp: 17030386
- □ Wireless DMX external module: 10980127
- □ Safety wire 36 kg: 99011963
- □ T11 Profile lens module: 10980647
- □ T11 Fresnel lens module: 10980644
- □ T11 PC lens module: 10980645
- □ T11 Incline Adaptor: 10980853
- □ Pole operated yoke: 10980667
- □ Robin T11 MFS handles: 10980717
- □ Drop-in manual Iris: 10980677
- □ Frost 0.5° (exchange) assembled: 10980583
- □ Frost 3.5° (exchange) assembled: 10980668
- □ Frost 10° (exchange) assembled: 10980497
- □ Frost 20° (exchange) assembled: 10980574
- □ Frost 30° (exchange) assembled: 10980584
- □ Gobo Holder R size (T11 Fresnel/PC): 10980655
- □ Drop-in gobo and iris module: 10980649
- □ Hot-spot lens: 10980666
- □ Gel frame: 10980372
- □ Barndoor module: 10980349
- □ Top Hat 50° T11/TX1 black: 10980768
- □ Top Hat 30° T11 black: 10980701
- □ Half Top Hat 30° T11 black: 10980764
- □ T11 SoftBox Adaptor : 10980751
- □ T11 Cyc/Flood Light Module: 10980769
- □ Mains Cable powerCON TRUE1 In/Schuko, 2m, Indoor: 13052405
- □ Mains Cable powerCON TRUE1 In/US, 2m, Indoor: 13052406
- □ Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439
- □ Mains Cable powerCON TRUE1 In/CEE 16A, 2m, Indoor: 13052445
- □ Mains Cable powerCON TRUE1 In/Open ended, 2m, Indoor: 13052407
- □ Daisy Chain powerCON TRUE1 In/Out, US, 2m, Indoor: 13052440
- □ Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444
- □ Single Top Loader Case: 10120279
- □ Single Top Loader Trolley case: 10120281
- □ Dual Top Loader Case: 10120282
- □ Foam Shell: 20020425

Legal

- □ T11 Profile™, T11 Fresnel™, T11 PC™ & T11 MFS™ are Trademarks of Robe lighting s. r. o.
- □ T11 Profile™, T11 Fresnel™, T11 PC™ & T11 MFS™ are patented by Robe lighting s. r. o. and are protected by one or more pending or issued patents

MSL™ Multi-Spectral LED Light source

The new revolutionary MSL-TE™ 350W LED self-referencing, data capturing, Multi-Spectral TRANSFERABLE ENGINE (Patented) permits rapid change for cost-effective exchange or replacement and provides a fixture output reaching 12.000 lumens (T11 Profile), high quality spectrum of CRI 95+, TLCI 91, adjustable CCT from 2.700K to 8.000K and additive colour mixing with CMY control mode.
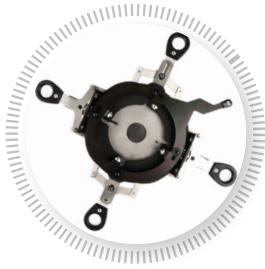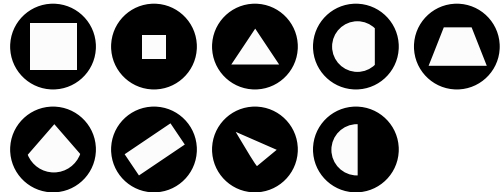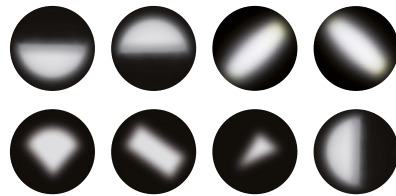
Framing Shutters Module

T11 features a manual, four-individual plane captive shutter module. A lock ensures blades remain firmly in position, perfect for high vibration locations such as cruise ships or fixed long-term installations.

Drop-in Gobo/Iris Module

Optional combination drop-in Gobo/Iris module with two rotating and three static breakup gobos for increased creativity.

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.

CMY/RGB Colour Mixing

T11 Profile™

T11 Fresnel™ / T11 PC™

T11 Profile™ Static Gobos

T11 Profile™ Rotating Gobos

8.000 K	5.600 K	4.200 K	3.200 K	2.700 K

Dimmer 100 %	Dimmer 80 %	Dimmer 50 %	Dimmer 10 %

T11 Profile™

T11 Fresnel™

T11 PC™

T11 MFS™

iT12
PROFILE™

From single static optically crisp projections to complicated gobo, framing, beam and colour control, the uniquely protected iT12 Profile™ provides a highly advanced modular outdoor solution for all your outdoor static projection needs. With all the advantages of TRANSFERABLE ENGINE technology, T-Series colour finesse and consistently precise replayability, you have a multi-faceted luminaire to provide a variety of task-specific solutions packed with technology:

iSE-MSL-TE™ 500W - TRANSFERABLE ENGINE – IP65-rated self-referencing, rapid changing TE Multi-Spectral light source for cost-effective exchange or replacement, CRI 95+ 13.000 lm fixture output

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

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

BARS™ - Locks motorised zoom and focus firmly in position, even during power-cycling

RAINS™ - Active management of internal microclimate to control humidity, temperature and pressure

POLAR+™ - Standby mode that maintains instant availability to minus 50° Centigrade

parCOAT™ - Unique hydrophobic, oleophobic particle-resistant lens coating

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

Plano4™ - Framing shutters module with 4 individually positionable blades plus rotation of the complete frame system + - 60°

REAP™ - Robe Ethernet Network Portal for remote fixture data monitoring

MagFrost™ - Magnetic paddle fast change system providing exchangeable frost containing as standard a medium 5° for even wash

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

The baseline iT12 Profile™ contains a 9:1 ratio 5.5-50° motorised zoom and focus control. The iSE-MSL-TE™ 500W Multi-Spectral TRANSFERRABLE ENGINE LED source features selectable CMY, RGB or individual colour emitter control, factory-calibrated whites and variable CCT from 2.700-8.000K. A 5° quick change MagFrost™ is included as standard.

The modular approach allows you to add features appropriate to your task while keeping costs down. The PLANO4™ motorised rotatable shutter module with iris and the Effects module with two gobo and one animation wheel gives total flexibility.

To operate in all weather, the IP65-rated iT12 Profile™ features our unique, patented active RAINS™ internal microclimate management and POLAR+™ technology to ensure instant availability down to minus 50° Centigrade.

The iT12 Profile™ gives total, task-specific static projection flexibility and control, whatever the weather!

ZOOM RANGE
5.5°-50°

L3™
LOW
LIGHT
LINEARITY

ISE-MSL-TE™
500W
LED ENGINE

DATASWATCH™
FAST SELECTION
OF COLOURS
& TONES

CMY
RGB OR
RGBAL
COLOUR MIXING

IP65

VARIABLE
CCT
2.700K - 8.000K

CPULSE™
FLICKER
FREE
MANAGEMENT

From Classic framed area lighting to complicated, sequenced, animated multi-gobo projections, the all-environments iT12 Profile™ has all the tools, features, controls and light qualities to deliver outstanding static profile projector performance, whatever the environment can throw at it.

Joining the Robe iSERIES, the IP65-protected iT12 Profile™ profile will handle anything the elements can throw at it. Our revolutionary, self-managing, low-maintenance ingress protection technology ensures peace of mind, for theatres, television, and concerts, indoors or out.

Maintaining the renowned Multi-Spectral colour finesse of the T-series, the iT12 Profile™ utilizes an iSE-MSL-TE™ 500W LED IP65-rated Engine generating over 13.600 lm (integrating sphere) from the fixture. With all the advantages of cost, exchange or replacement in the field, this LED technology provides identical colour characteristics, responses, and control with T-series luminaires for absolute colour consistency throughout your Robe installation.

TRANSFERABLE ENGINE technology has all the advantages of cost, field exchange, or replacement, and the ability to keep up with LED development to ensure exceptionally long fixture life. With a typical lumen maintenance of L70/B50 40.000 hours, the 4-year 20.000-hour warranty gives peace of mind.

With a choice of RGB, CMY, or individual colour emitter control for advanced users, the luminaire contains factory-calibrated whites; a variable CCT from 2.700 – 8.000K; our DataSwatch pre-programmed colour library with 237 colours and tones; adjustable CRI from 80 to 95+ and lamp selectable Tungsten emulation.

The 9:1 ratio 5.5°- 50° motorised SuperZoom with high-definition optics gives maximum task flexibility. To alter the beam from a perfectly flat field, we offer an optional 6:1 ratio Hot Spot lens.

For precise framing, the optional drop-in motorised Plano4™ framing shutter module features four individually positionable blades in four separate planes with complete 120° module rotation. For image softening a 5° medium frost, using our MagFrost™ quick change system, is fitted as standard. Our patented BARS™ (Brake Attribute Retention System) locks the motorised Focus and Zoom firmly in place for consistent, accurate replayability of lighting cues even when power cycled.

Increasing gobo variation, an optional drop-in module features a static wheel with 9 gobos and a fully rotating, indexable wheel containing 7 gobos. The selection of theatrical style gobos are replaceable using our patented slot and lock system. The module also has an Animation wheel, which can be used alone or in combination with gobos, with full speed and directional controls.

At the heart of iT12s protection is RAINS™ (Robe Automatic Ingress Protection System). This highly advanced patented technology not only prevents ingress. It actively manages the fixture's internal microclimate removing internal moisture build-up caused by constant heating and cooling to provide maximum protection for electronics. With simple maintenance procedures, Robe has revolutionised how outdoor fixtures are managed and protected.

Streamlined preparation saves time. The iT12 Profile™ runs an ingenious Self Pressure Test to check internal pressure. Requiring no special tools and taking under 3 minutes, the test provides an error message if gaskets and covers were not replaced correctly or locking screws incorrectly tightened, ensuring maximum protection.

Their lightweight magnesium alloy covers, with aluminium alloy substructure, provide a dust-free environment for the optics. This eliminates the need for frequent cleaning, routine maintenance, and UV damage to plastic parts.

To maintain consistently high lumen output, even with the rigours of outdoor performance, water, dirt, dust, haze, and smoke are repelled from the front lens with our unique parCoat™ hydrophobic, oleophobic-resistant coating. Furthermore, it allows easy removal of deposits without scratching or damage.

To operate in extreme cold, iT12 Profile™ contains our innovative POLAR+™ technology.

This special standby mode maintains the fixtures sensors and communication channels remain active while greatly reducing power consumption. When activated, POLAR+™ will automatically maintain an internal temperature level, allowing instant operability down to minus 50 degrees centigrade!

Ideally suited for remote outdoor installations, REAP™, the Robe Ethernet Access Portal communication software, viewed as a web browser, shows real-time fixture monitoring of all parameters, including complete RAINS™ status information such as pressure and internal saturation levels.

By including NFC (Near-Field Communication) technology, you can access setup, diagnostic and performance features, even without power, directly from your mobile device using the Robe Com app.

iT12 Profile™ - Robe reliability in all weathers

Source

- □ Light source type: iSE-MSL-TE™ 500W LED Engine (Patented)
- □ LED life expectancy: min. 40.000 hours
- □ Colour rendition: CRI: 95, CRI R9: 96, TM30-18 Rf: 92, TM30-18 Rg: 106, TLCI: 91
- □ Typical lumen maintenance: L70/B50 @ 40.000 hours
- □ Light source warranty: 4 years or 20.000 hours

Optical System

- □ Robe's proprietary optical design
- □ High-efficiency zoom optical system, ratio 9:1
- □ Zoom range: 5.5° - 50°
- □ Fixture total lumen output:
  13.600 lm (integrating sphere)
  11.000 lm (goniophotometer)
- □ Illuminance: 35.740 lx @ 5 m
- □ parCoat™ - (particle resistant coating) unique hydrophobic and oleophobic coating helps prevent water, dirt, dust, haze and smoke from adhering to the output lens

Main 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

- □ 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+
- □ Optional drop-in framing module: Patented Plano4™ framing shutters module with 4 individually positionable blades plus rotation of the complete frame system + - 60°
- □ Optional drop-in gobo module: Static, rotating gobo wheel and animation wheel
- □ Static gobo wheel: 9 static, replaceable breakup gobos + open, all gobos specially selected for theatrical and TV productions, patented slot & lock system
- □ Rotating gobo wheel: 7 rotating, indexable and replaceable breakup and aerial gobos + open, patented slot & lock system
- □ Animation wheel: Aluminium animation wheel, used alone or in combination with gobos, rotating in both directions at variable speed
- □ Iris: Motorized, stepless, pulse effects up to 3 Hz
- □ MagFrost™ - magnetic paddle fast change system providing exchangeable frost containing as standard a medium 5° for even wash
- □ Hot-Spot: from flat field to 6:1 hot-spot (optional)
- □ Electronic strobe effect with variable speed up to 20 Hz, pre-programmed random strobe & pulse effects
- □ High resolution electronic dimming: 0 - 100%
- □ L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- □ Dimmer profile selection: Linear, Square law

- □ Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K
- □ Extremely quiet operation suitable for all types of production in Theatre and TV
- □ 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.
- □ BARS™ - Brake Attribute Retention System (Patented) applied for Focus and Zoom stepper motors
- □ POLAR+™ for power saving and instant operation in extremely cold weather conditions

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, NFC app controller
- □ Protocols: USITT DMX-512, RDM
  ArtNet, MA Net, MA Net2, sACN
- □ REAP™ - Robe Ethernet Access Portal
- □ Wireless CRMX™ technology from Lumen Radio
- □ Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity

- RAINS™ (Robe Automatic Ingress Neutralization System) manages humidity, temperature and pressure control using an active monitoring system to automatically remove any moisture detected within the fixture and provides constant monitoring to ensure peak performance
- DMX Protocol modes: 6
- Control channels: 35, 22, 39, 43, 28, 47
- Variable CCT: 8 bit
- + - Green correction: 8 bit
- Colour mixing: 8 or 16 bit (internal 18 bit)
- Framing shutters module movement & rotation: 8 bit
- Gobo indexing & rotation: 8 or 16 bit
- Animation wheel: 8 bit
- Animation wheel 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)

Rotating Gobos

- 7x rotating glass gobos: (with optional drop-in gobo module)
- Outside diameter: 26.8 mm
- Image diameter: 23.5 mm
- Thickness: 1.1 mm
- Max. thickness: 4.0 mm
- High temperature borofloat or better glass
- Patented slot & lock system for easy replacement of gobo

Static Gobos

- 9x static glass gobos: (with optional drop-in gobo module)
- Outside diameter: 26.8 mm
- Image diameter: 23.5 mm
- Thickness: 1.1 mm
- Max. thickness: 4.0 mm
- High temperature borofloat or better glass

Effect Wheel

- Single animation wheel: (with optional drop-in gobo module)
- Material: Aluminium
- Can be used alone or in combination with rotating gobos
- Diameter: 109 mm
- Rotating in both directions at variable speed

Framing Shutters System

- Shutters: 4 Blades, each with separate movement and rotation control (with optional drop-in framing module)
- Movement: Smooth with variable speed, ultrafast blade movements for creating mid-air effects
- Pre-programmed: Shape and blade sequences
- Rotation: +- 60° of the complete framing system

Thermal Specification

- Maximum ambient temperature: 50 °C (122 °F)
- Maximum surface temperature: 90 °C (176 °F)
- Minimum operating temperature: -50 °C (-58 °F)
- Total heat dissipation: max. 1.125 BTU/h (calculated)

Electrical Specification and Connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100–240 V, 50 / 60 Hz
- Power consumption: max. 600W
- Power connector in/out: IP 65 Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: IP65 Locking 5-pin XLR connectors
- Ethernet port in/out: IP65 RJ45 for Embedded Epass™ switch 10/100 Mbps

Approvals

- CE Compliant
- cETLus Compliant

Mechanical Specification

- Height: 534 mm (21.02") with yoke
- Width: 385 mm (15.51")
- Depth: 653 mm (26.18")
- Weight:
  27 kg (59.52 lbs) fully equipped
  24.7 kg (54.45 lbs) with optional drop-in gobo animation module
  25.3 kg (55.77 lbs) with optional framing shutters module
- Ingress protection rating: IP65

Rigging

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

Included Items

- User Manual
- Gel frame adaptor
- Power cord including powerCON TRUE1 In connector

Optional Accessories

- iT12 iSE-MSL-TE™ 500W LED Engine: 14080098
- Doughty Trigger Clamp
- Safety wire 36 kg: 99011963
- Floor stand: 10981014
- Frost 0.5° (exchange) assembled: 10980583
- Frost 3.5° (exchange) assembled: 10980668
- Frost 10° (exchange) assembled: 10980497
- Frost 20° (exchange) assembled: 10980574
- Frost 30° (exchange) assembled: 10980584
- iT12 Fresnel lens module: 10981029
- iT12 PC lens module: 10981028
- Drop-in gobo and animation wheel module: 10980968
- Drop-in framing and iris module: 10980969
- Drop-in module open gate: 10981008
- Hot-spot lens: 10980666
- Single Top Loader Case: 10120323
- Single Top Loader Trolley case: 10120324
- Dual Top Loader Case: 10120325
- Foam Shell: 20020468

Legal

- iT12 Profile™ is a Trademark of Robe lighting s. r. o.
- iT12 Profile™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

4 YEARS OR LIGHT SOURCE WARRANTY 20.000 HOURS

iSE-MSL-TE™ Multi- -Spectral LED Engine

The new revolutionary iSE-MSL-TE™ 500W Multi-Spectral LED Engine, self-referencing, data capturing, Multi-Spectral IP65-rated TRANSFERABLE ENGINE (Patented) permits rapid change for cost-effective exchange or replacement and provides a fixture output reaching 13.600 lumens, high quality spectrum of CRI 95+, TLCI 91, adjustable CCT from 2.700K to 8.000K and additive colour mixing with CMY control mode.

Gobos

iT12 Profile™ comprises a selection of breakup and aerial gobos designed specifically for theatrical and TV productions.

Animation Wheel

Aluminium animation wheel can be used alone or in combination with gobo wheels.

Framing Shutters Module

iT12 Profile™ uses a patented Plano4™ framing shutters module with four blades which can be individually controlled, positioned and angled. The whole module can be rotated + – 60°.
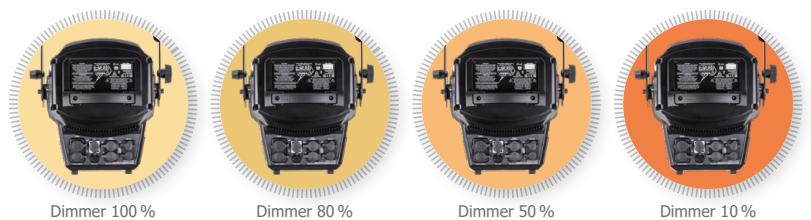
True White Colours

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.
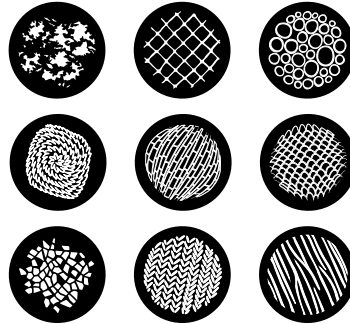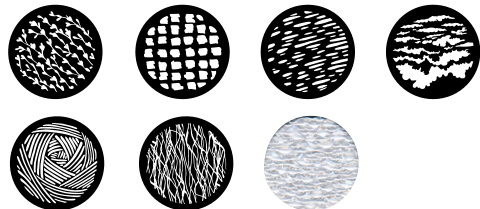
Tungsten effect

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.
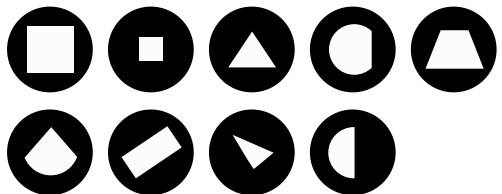
CMY/RGB Colour Mixing

Static gobo wheel

Rotating gobo wheel

4-Plane Shutter System

8.000 K	5.600 K	4.200 K	3.200 K	2.700 K

Dimmer 100 %	Dimmer 80 %	Dimmer 50 %	Dimmer 10 %

iT12 PROFILE™

455

∅ 13

304

534

230

665

394
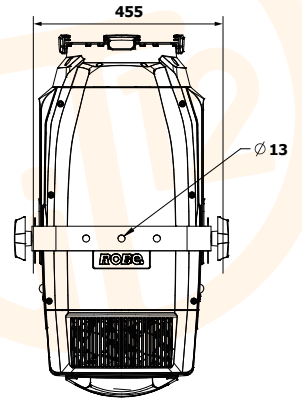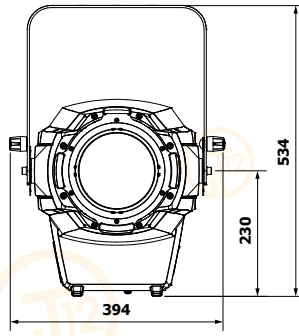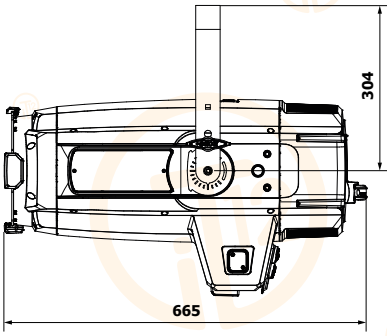
T15

FRESNEL™
PC™

ROBE®

Introducing the T15 Fresnel™ and T15 PC™ luminaires, designed to meet the demands of broadcast, film, and theatrical experts. These compact yet punchy fixtures, featuring quick change lenses, enhance the renowned Robe T Series. Tailored for smaller studios and performance venues, the T15 maintains the esteemed standards of T Series MSL™ Multi-spectral light quality and includes the following technologies::

MSL-TE™ 350W - TRANSFERABLE ENGINE – Self-referencing, data capturing, rapid changing TE™ Multi-Spectral light source for cost-effective exchange or replacement, with adjustable CCT from 2.700K to 8.000K, CRI 95+ and over 8.750 lm fixture output

ZoomStat™ - Motorised 10° - 72° zoom system with stationary Fresnel lens (Patent pending)

BARS™- Retains motorised zoom firmly in position, even during power cycling

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

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

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

RCC™ - Robe Colour Calibration system for accurate colour reproduction

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

Epass™ - Ethernet pass-through switch sustains Ethernet integrity when the fixture has no power, automatically maintaining network connectivity

REAP™ - Robe Ethernet Access Portal

TRANSFERABLE ENGINE technology empower users to maintain high-quality lighting economically by facilitating effortless engine changes, without requiring specialized tools. They also facilitate cost-effective adoption of the latest LED advancements, offering extended lifespan and enhanced return on investment.

The T15 delivers soft Fresnel or precise PC wash beams, with two backlit faders providing stand-alone direct zoom and intensity control. Designed for noise-sensitive environments, the T15 offers a suite of fan settings. To ensure acceptability in TV studios or on-location, they feature Cpulse™ flicker-free software and a dedicated plus and minus green channel control. A wide range of accessories, including four and eight leaf barndoors and a pole op kit, is available for enhanced flexibility.

T15 Fresnel™ and T15 PC™ – Perform with confidence

T15 FRESNEL PC™

350W MSL™
MULTI-SPECTRAL LED LIGHT SOURCE

L3™ LOW LIGHT LINEARITY

DATASWATCH™ FAST SELECTION OF COLOURS & TONES

C M Y R G B COLOUR MIXING

VARIABLE CCT 2.700K - 8.000K

CPULSE™ FLICKER FREE MANAGEMENT

T15 FRESNEL PC™

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.

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

Source
- Light source type: MSL-TE™ 350W LED Engine (Patented)
- LED Engine output: 16.700 lm
- LED life expectancy: min. 40.000 hours
- Colour rendition: CRI: 95, CRI R9: 96, TM30-18 Rf: 92, TM30-18 Rg: 106, TLCI: 91
- Typical lumen maintenance: L70/B50 @ 40.000 hours
- Light source warranty: 4 years or 20.000 hours

Optical System
- Robe's proprietary optical design
- Profile zoom lens system
- High-efficiency zoom optical system, ratio 7.2:1
- Zoom range: 10° - 72°
- Fixture total lumen output:
    11.958 lm (integrating sphere)
    9.566 lm (goniophotometer)
- Output lens diameter: 200 mm
- Optional PC and Fresnel zoom lens systems

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
- 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+
- Motorised zoom
- Electronic strobe effect with variable speed up to 20 Hz, pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
- L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- Dimmer profile selection: Linear, Square law, Super Square law

- Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K
- Extremely quiet operation suitable for all types of production in Theatre and TV
- 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.
- BARS™ - Brake Attribute Retention System (Patented) applied for Zoom stepper motors
- ZoomStat™ - Patented zoom system that incorporates a stationary front Fresnel or PC lens, boasting an impressively wide beam angle exceeding 70°

Control and Programming
- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: two-row LCD display & 4 control buttons
- 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: 6
- Control channels: 20, 10, 24, 7, 2, 1
- Variable CCT: 8 bit
- + - Green correction: 8 bit
- Colour mixing: 8 or 16 bit (internal 18 bit)
- Dimmer: 8 or 16 bit (internal 18 bit)

Thermal Specification
- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 90 °C (194 °F)
- Minimum operating temperature: -5 °C (23 °F)
- Total heat dissipation: max. 1.125 BTU/h (calculated)

Electrical Specification and Connections
- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: Max. 420 W
- Power connector in/out: Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: Locking 5-pin XLR
- Ethernet port in: RJ45
- Ethernet port in/out: RJ45 for Embedded Epass™ switch 10/100 Mbps - on request

Approvals
- CE Compliant
- cETLus Compliant

Mechanical Specification
- Height: 493 mm (19.4")
- Width: 321 mm (12.63")
- Depth: 498 mm (19.6")
- Weight: T15 Fresnel™: 12 kg (26.45 lbs)
        T15 PC™: 14.5 kg (31.9 lbs)
- Ingress protection rating: IP20

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

Included Items
- User Manual
- 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
- ☐ Doughty Trigger Clamp
- ☐ Wireless DMX external module: 10980127
- ☐ Safety wire 36 kg: 99011963
- ☐ T15 Fresnel lens module: 10981024
- ☐ T15 PC lens module: 10981023
- ☐ T11/T15 Incline Adaptor: 10980853
- ☐ Gel Frame T15: 10981027
- ☐ Pole operated yoke: 10980667
- ☐ 4-leaf Barndoor module: 10981010
- ☐ 8-leaf Barndoor module: 10981011
- ☐ Floor stand: 10981014
- ☐ Mains Cable powerCON TRUE1 In/Schuko, 2m, Indoor: 13052405
- ☐ Mains Cable powerCON TRUE1 In/US, 2m, Indoor: 13052406
- ☐ Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439
- ☐ Mains Cable powerCON TRUE1 In/CEE 16A, 2m, Indoor: 13052445
- ☐ Mains Cable powerCON TRUE1 In/Open ended, 2m, Indoor: 13052407
- ☐ Daisy Chain powerCON TRUE1 In/Out, US, 2m, Indoor: 13052440
- ☐ Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444
- ☐ Single Top Loader Case: 10120346
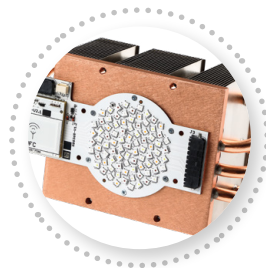- ☐ Dual Top Loader Case: 10120347
- ☐ Foam Shell: 20020471

Legal

- ☐ T15 Fresnel™ and T15 PC™ are Trademarks of Robe lighting s. r. o.
- ☐ T15 Fresnel™ and T15 PC™ are patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

MSL-TE™ Multi-Spectral LED Light source

The new revolutionary MSL-TE™ 350W LED self-referencing, data capturing, Multi-Spectral TRANSFERABLE ENGINE (Patented) permits rapid change for cost-effective exchange or replacement. High quality spectrum of CRI 95+, TLCI 91, adjustable CCT from 2.700K to 8.000K and additive colour mixing with CMY control mode.

CMY/RGB Colour Mixing

True White Colours

DataSwatch™ filters: Fast selection of the most trusted colours & tones. Pre-programmed 237 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K.

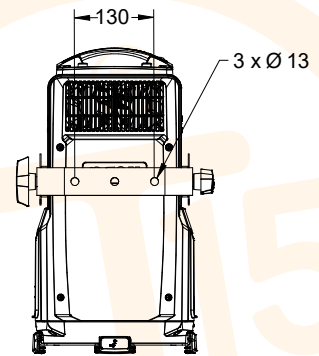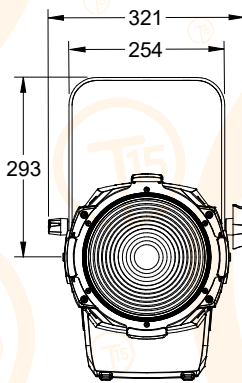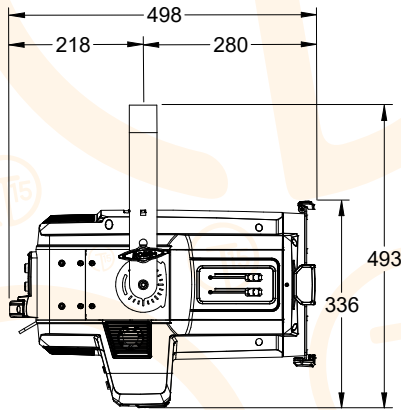| 8.000 K | 5.600 K | 4.200 K | 3.200 K | 2.700 K |

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.

| Dimmer 100 % | Dimmer 80 % | Dimmer 50 % | Dimmer 10 % |

T15

FRESNEL™
PC™

| 498 | | |
| 218 | 280 | |

493
336

321
254
293

130
3 x Ø 13

T15 Fresnel™

T15 PC™