

Muse Fresnel70CT+

800W 6 Color Moving LED Fresnel, 7° - 60° zoom with 200mm/8" lens

ORDER CODE: **MUSEF70CTP**



The **Muse** Fresnel70CT+ series represents a breakthrough in moving wash lights, available in multiple sizes and setting a new benchmark for Theatres, TV, and film sets of any scale. These fixtures combine the benefits of remote repositioning and beam control with the appeal of multicolored LED Fresnel fixtures.

The **Muse** Fresnel70CT+ model is equipped with a 6-color 800W light source and a 200mm/8-inch glass Fresnel lens. Its motorized zoom system offers a wide range from 7° to 60°. A key feature of this fixture is its internal 4-blade framing system on individual planes, enabling precise beam focusing. This, combined with its remote pan and tilt capabilities, facilitates an optimized workflow by eliminating the need for manual repositioning of static fixtures.

Driven by the PROLIGHTS Spektra OS, these units ensure consistency across fixtures, enhanced luminous flux in colors and whites with a broad color space and enriched light spectrum. These fixtures achieve unprecedented levels of CRI, TLCI, and TM30, making these fixtures a top choice whereas quality of light is required.

Designed for silent operation, the **Muse** Fresnel70CT+ series is perfectly suited for a variety of venues, from studios and corporate environments to live performances, where noise sensitivity is paramount.

MAIN FEATURES

- 800W 6 color Moving LED Fresnel, 28'800 lm
- CRI: 97,2 @3.200K; 97,2 @5.600K - R9: 98,5 @3.200K; 97,5 @5.600K
- Motorised zoom 7°-60°, 200mm/8" glass lens
- 1 color wheel, 1 ovalizer filter and 1 linear frost
- Internal framing system for precise beam focusing

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 800W 6 colour LEDs source with adjustable high color rendering
- Luminous flux: (7,7°) 21'797 lm - (60°) 28'868 @5.600 K
- Lux: (7,7°) 37'592 lx - (60°) 1'759 lx @5 m 5.600 K
- CRI: 97,2 @3.200K; 97,2 @5.600 K
- R9: 98,5 @3200K; 97,5 @5.600 K
- TLCI: 94 @3200K; 98 @5.600 K
- TM30 Rf: > 95,3 @3.200K; > 94,4 @5.600 K
- TM30 Rg: < 101,9 @3.200K; < 103,1 @5.600 K
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom range: 7° - 60° motorised linear zoom
- Lens diameter: 200mm / 7.87"
- Lens type: Fresnel glass lens with AR coating
- Lens effect: Glass Fresnel lens providing a classic light fall-off
- Focus: motorised 16-bit

COLOR SYSTEM

- Spektra OS: unmatched color precision and consistency
- Colour control: XY, CCT, RGB, CMY, Gel Filters
- Colour mixing: RGB / CMY / RAW
- CCT: linear control from 2.200K to 15.000K with color-to-CCT linear crossfade
- Tungsten Emulation: dimming with warm color shift simulation
- Tint correction: ± green correction adjustment
- Colour wheel: open+5 colour filters

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer and color control
- Shutter system: 4 shutter blades with position and ±35° angle adjustment, ±45° rotation of the complete framing system
- FX generator: ovalizer filter motorized with indexing and rotation
- Frost: linear 0-100%
- Iris: 5 - 100% motorised iris

CONTROL

- Supported Protocols: DMX512, RDM, ArtNet, sACN (IGMP v2), CRMX
- DMX channels: 35 / 40 / 41 / 46ch
- Wireless Control: Included LumenRadio Timo Fx DMX/RDM receiver compatible with CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: for remote addressing and parameter configuration
- Display: 2.4" Color display
- Firmware upgrade: via DMX with UPBOXPRO (not included) or via Ethernet with DMX-Workshop

- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

MOVEMENT

- Pan: 630° - 16-bit resolution
- Tilt: 270° - 16-bit resolution
- Absolute position: stationary reset without calibration movement
- Position feedback: automatic repositioning after external movement
- Pan / tilt lock: for transport and maintenance

BODY

- Hardware on-board: ancor points on the front for accessory mounting
- Other: Handle on the top of the arm for easy transportation

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 5 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: optional, self-charging battery backup
- Selectable PWM: 600 to 40,000 Hz (selectable steps) with ±20% fine adjustment

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 1400W
- Output (at 230V): 2 units on a single power line
- Power connection: Neutrik powerCON TRUE1 IN connector
- Power factor: > 0,94

PHYSICAL

- IP rating: IP20
- Cooling: heat pipe with low-noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Data connection: Amphenol RJ45 IN/OUT
- Housing: Aluminium structure with high-resistance polycarbonate cover
- Finish: black
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 436x703x331mm / 17.17"x27.68"x13.03"
- Weight: 29,3kg / 64.6lbs

CERTIFICATIONS / REPORTS

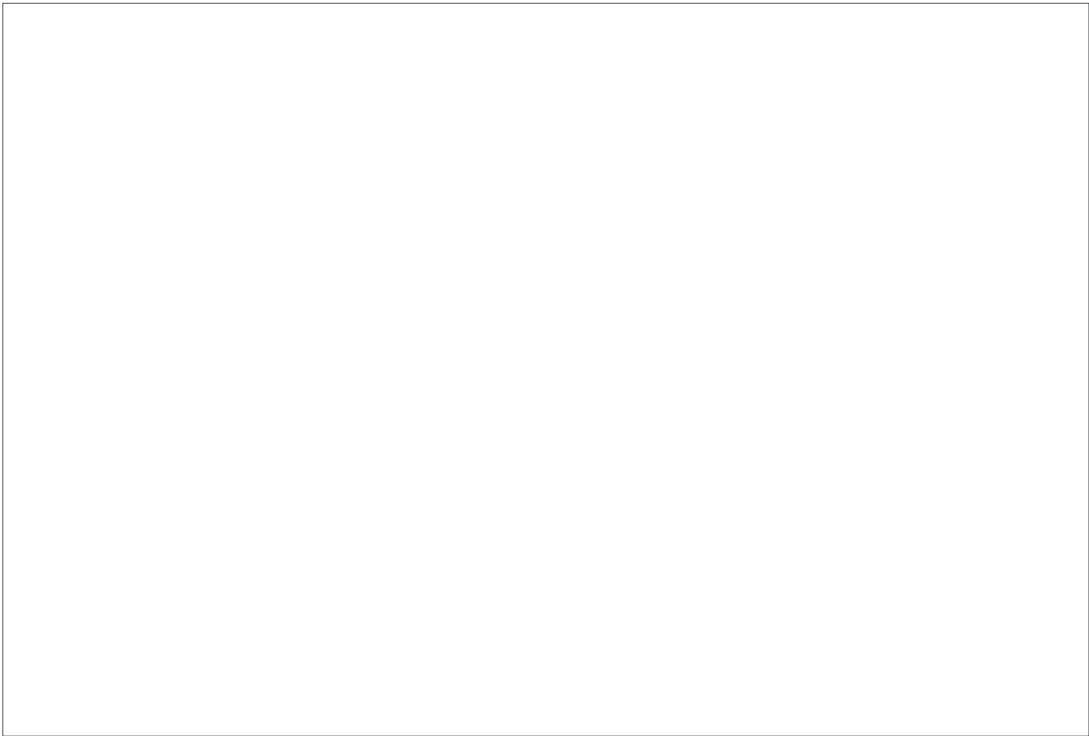
- Compliance: CE

ACCESSORIES & RELATED PRODUCTS

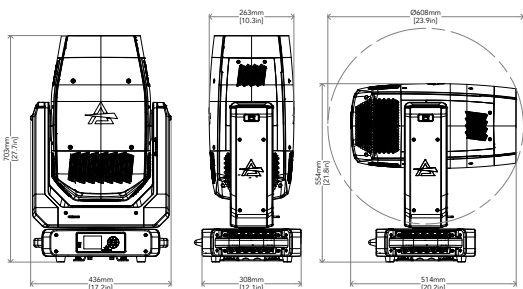
▪ FCLMUSEF70	Flight case for 2 pcs of MUSEF70CTP	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ MF70FF	Holder and filter frame for MUSEF70CTP	▪ RSR1235A	Steel security cable for hanging bodies, inox steel shackle, L=120 cm, silver
▪ OS25PLUS	Quick-lock omega bracket, M12 hole	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready		
▪ AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready and PO		

PRESET FULL ON

Beam angle 50%:



TECHICAL DRAWINGS



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