

Muse Profile70 CT+

1000W 6-Colours Moving LED Profile

ORDER CODE: **MUSEP70CTP**



Muse Profile70CT+ is a moving LED Profile featuring a 1000W light source with 6-color additive mixing, designed to deliver maximum light quality for theatres, TV studios, and film sets.

Its LED source uses the same 6-colors and the SpektraOs ecosystem found across the CT+ range of the premium PROLIGHTS static fixtures (Profile, Fresnel and Soft light), enabling seamless mixed setups and ensuring consistent colour space and spectral compatibility within the same production environment—while adding all the advantages of a motorized fixture.

Light quality is outstanding, with CRI up to 99, R9 up to 99 for accurate skin tones and key light, and TLCI 97 for flawless results both to the eye and on camera. SpektraOs expands advanced colour control with an ultra-wide CCT range from 2,200K to 15,000K, Tint correction, and multiple colour control modes (RGB / CMY / XY / RAW), plus emulation of Tungsten and a wide selection of filter gels. An additional physical colour wheel reproduces colours outside the native gamut (such as Congo Blue) and providing higher transmission on ultra-saturated colours.

Muse Profile70CT+ is built for maximum versatility on large stages, delivering an outstanding output of >21,000 lumens and a wide 6°-50° zoom range. Its onboard effects package is complete, including two rotating gobo wheels, a 4-blade framing system (full curtain), animation wheel, linear frost, motorized iris, and absolute P/T encoder (repositioning without reset).

Silent operation and smooth, flicker-free dimming, combined with a compact form factor and a weight of just 34kg, make **Muse Profile70CT+** a unique blend of power, light quality, and great form factor for large-scale productions.

MAIN FEATURES

- 1000W 6-colour LED source with additive mixing, delivering >21,000 lm
- Outstanding colour rendering: CRI up to 99, R9 up to 99, TLCI 97
- SpektraOs ecosystem with ultra-wide CCT 2,200K-15,000K, Tint correction, and advanced control modes (RGB / CMY / XY / RAW / Gel & Tungsten Emulation)
- Full effects package: physical colours wheel, 2 rotating gobo wheels, 4-blade framing system (full curtain), animation wheel, linear frost, motorized iris
- Absolute encoders on pan and tilt, enabling true stationary reset with no calibration movement, instant position recovery after power cycles, and precise repeatability for seamless operation in live and studio environments

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 1000W 6 colour LEDs source with adjustable high color rendering
- Luminous flux: (6°) 14'001 lm - (50°) 21'257 lm @Full
- Lux: (6°) 64'433 lx - (50°) 1'556lx @5 m full
- CRI: 98,8 @3.200K; 97,2 @5.600K
- R9: 97,1 @3.200K; 96,4 @5.600K
- TLCI: 93 @3.200K; 97 @5.600K
- TM30 Rf: 95 @3.200K; 94 @5.600K
- TM30 Rg: 100 @3.200K; 101 @5.600K
- Source life expectancy: > 40.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom range: 6°- 50° motorised linear zoom
- Lens diameter: 150mm / 5.91"
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 16-bit

COLOUR 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 ±25° angle adjustment, ±60° rotation of the complete framing system
- Animation wheel: animation wheel with CW and CCW rotation
- Circular prism: 4-f with bi-directional rotation, indexing
- Frost: linear 0-100% from soft-edge to heavy diffusion
- Iris: 5 - 100% motorised iris

GOBOS

- Rotating gobos: 6 rotating gobos + open, interchangeable, indexing
- Gobo size: 26,9 mm outer / 20 mm image / up to 3 mm thickness
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CONTROL

- Supported Protocols: DMX512, RDM, ArtNet, sACN (IGMP v2), CRMX
- DMX channels: 43 / 48 / 49 / 53ch
- RDM: for remote addressing and parameter configuration
- Display: 2.4" Color display

MOVEMENT

- Pan: 540° - 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

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 50000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO (not included) or via Ethernet with DMX-Workshop

CONNECTIONS

- Power connection: Neutrik powerCON TRUE1 IN connector
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: Amphenol RJ45 IN/OUT
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 1400W
- Standby power: 154,5 W
- Power factor: > 0.95

PHYSICAL

- IP rating: IP20
- Cooling: heat pipe with low-noise fan
- Housing: Aluminium structure with high-resistance polycarbonate cover
- Finish: black
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 416 x 730 x 331mm / 16.38"x28.74"x13.03"
- Weight: 34kg / 74.96lbs

INSTALLATION

- Suspension and fixing: any position with quick-lock omega brackets
- Hardware on-board: ancor points on the front for accessory mounting
- Other: Handle on the top of the arm for easy transportation

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

BOX CONTENT

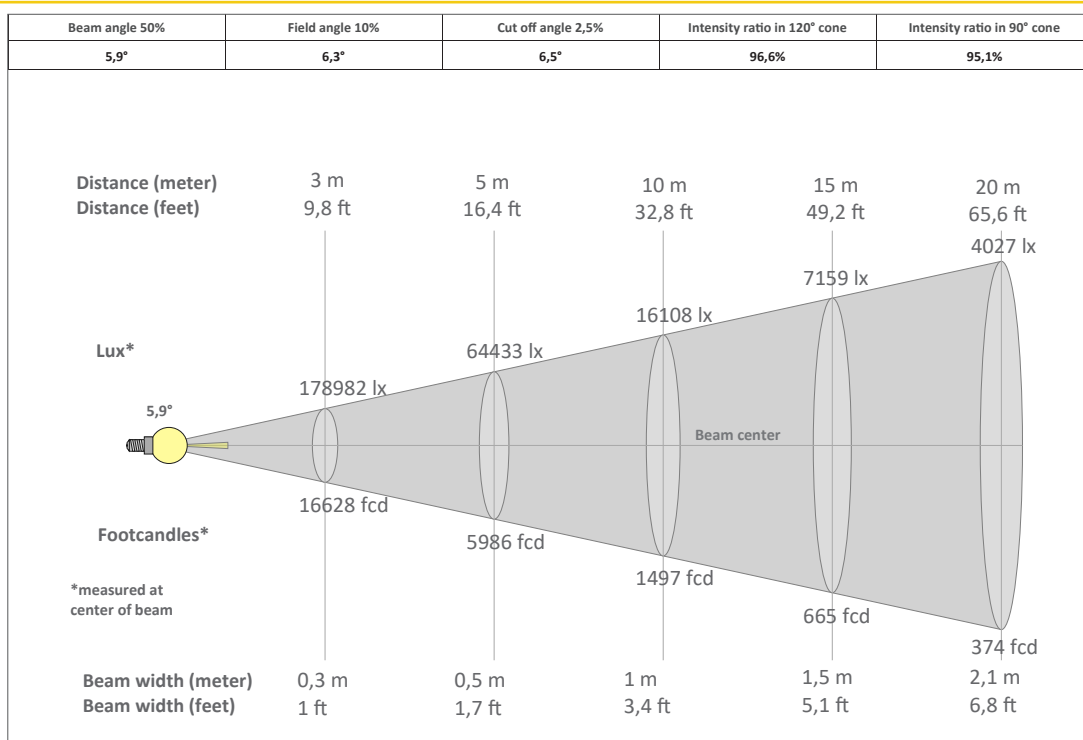
- 1 x MUSEP70CTP
- 2 x OS25PLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65)
- User Manual

ACCESSORIES & RELATED PRODUCTS

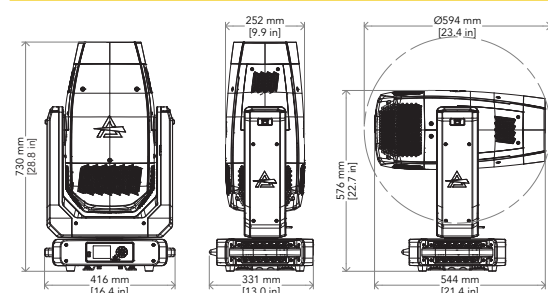
- FCLMUSEP70 Flight case for 2 pcs of MUSEP70CTP
- MP70FF Holder and filter frame for MUSEP70CTP
- OS25PLUS Quick-lock omega bracket, M12 hole
- AETHERBOXONE IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready and PO
- AETHERBOX IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- RSR1235A Steel security cable for hanging bodies, inox steel shackle, L=120 cm, silver
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON

Beam angle 50%: 5,9°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website
for specifications and
tech documentations

