Poet F6X

250 W 6 Colour LED Fresnel with 10°-80° hybrid zoom, 150 mm-6" lens, barndoor included

ORDER CODE: **POETF6XBK**



Poet F6X is a 6" (150 mm lens) LED Fresnel that pairs exceptional output and premium light quality with the full **Spektra OS** feature set, at a price that keeps it within reach.
The Poet F6X features a **250 W, 6-colour LED source** that delivers an impressive output of **9,200 lumens**.
The **Poet** F6X features an innovative hybrid motorised/manual zoom system, allowing operation both from the console and manually like a traditional Fresnel, with an internal zoom range of 10°-80°. Its optical design ensures precise focusing, crisp shadows, and excellent beam control, while the included 8-leaf barndoor enables clean cuts without chromatic aberration. An optional PC lens is available as an accessory, for a harder beam edge.
Spektra OS ensures consistent operation and outstanding colour performance, offering a wide and precise CCT range from ultra-warm to cool whites, high intensity, and a **CRI of up to 96.8 Ra**. It also includes multiple control modes, lamp and gel emulation, and ultra-smooth dimming.
Fixtures in the Poet series also provide enhanced connectivity, with onboard NFC and Bluetooth, optional CRMX, and a large display with an intuitive user interface for standalone operation.
The Poet F6X is built to go beyond everyday expectations, making it a true workhorse for theatre, TV, and trade show applications without exceeding the budget.

MAIN FEATURES

- 250 W 6-colour LED with 150 mm-6" Fresnel lens and up to 9,200 lm output
- Authentic Fresnel performance with hybrid motor & manual 10°-80° internal zoom, crisp shadows, and soft fall-off
- Clean beam focusing with included 8-leaf barndoor for clear cuts without chromatic aberration, plus optional PC lens
- Spektra OS with wide CCT range, CRI up to 96.8 Ra, ultra-smooth dimming, NFC, Bluetooth, and optional CRMX

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 250W 6 colour LEDs source
- Luminous flux: (10.1°) 4'588 lm ; (76,5°) 9'263 lm @Full
- Lux: (10.1°) 5'041 lx ; (76,5°) 622lx @5 m full
- CRI: 94,7 @3.200K; 95,8 @5.600K
- R9: 90,6 @3.200K; 91,6 @5.600K
- TLCI: 90 @5.600K
- TM30 Rf: 93,0 @3.200K; 93,6 @5.600K
- TM30 Rg: 101,9 @3.200K; 104,3@5.600K
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS
- Zoom range: 10°-80° hybrid motorised/manual zoom
- Lens diameter: 150mm / 6"
- Lens type: PMMA lens
- Additional optics: PC lens available as accessory

COLOUR SYSTEM
- Spektra OS: unmatched color precision and consistency
- Colour control: XY, CCT, RGB, RAW, Gel with Source Emulation, Tungsten emulation, HSI, User preset
- CCT: linear CCT adjustment from 1.850 K-20.000K
- Tungsten Emulation: dimming with warm color shift simulation
- Tint correction: ± green correction adjustment

CONTROL
- Supported Protocols: DMX512, RDM, CRMX + WDMX (optional)
- DMX channels: From 2 to 25ch
- RDM: for remote addressing and parameter configuration
- Display: 2.4" Color display
- NFC: read/write configuration via the PROLIGHTS Tools app (coming soon)
- BLE: firmware updates, setup and control via the PROLIGHTS Tools app (coming soon)
- Stand Alone: 1 push encoder
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS
- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 5 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Selectable PWM: 1,282 to 20,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO (not included)

CONNECTIONS
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: Neutrik XLR 5p IN/OUT connectors
- Wireless Connection: optional LumenRadio TiMoTwo - CRMX, CRMX² (RX only) and W-DMX compatible

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 200W
- Output (at 230V): 12 units on a single power line
- Standby power: 10,5 W
- Power factor: > 0,94

PHYSICAL
- IP rating: IP20
- Cooling: heat pipe with low-noise fan
- Housing: Sturdy die-cast aluminium body
- Finish: black (RAL 9004)
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 246 x 387 x 369mm / 9.69"x15.24"x14.53"
- Dimensions with PO system (WxHxD): 337 x 529 x 370mm / 13.27"x20.83"x14.57"
- Weight: 6,5kg / 14.33lbs

INSTALLATION
- Suspension and fixing: bracket for hanging and floor positioning
- Hardware on-board: filter frame and 8-leaf barndoor included

CERTIFICATIONS / REPORTS
- Compliance: CE

BOX CONTENT
- 1 x POETF6XBK
- 1 x POET6FFBK
- 1 x POET6BDBK
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)

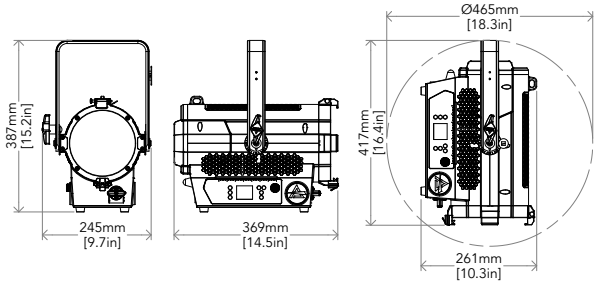
ACCESSORIES & RELATED PRODUCTS

- FCLPOET6 Flight case for 6 pcs of POETF6 series
- POET6BDBK Barndoors for Poet F6 series
- POET6FFBK Filter Frame for Poet F6 series
- LRT2WK1 Wireless kit 1 with TimoTwo
- POET6PCLBK PC Lens kit for Poet F6 series
- POET6POYOBK Pole operated yoke for Poet F6 series
- POET6POYOXBK Motorized Pole operated yoke for Poet F6 series
- SPGM10 28mm spigot for fixtures, M10 bolt
- SPGM12 28mm spigot for fixtures, M12 bolt
- C6040B Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
- RSR0630B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON

Beam angle 50%: 79,5°

TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website
for specifications and
tech documentations

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