Poet F8

450 W 6 Colour LED Fresnel with 12°-80° manual zoom, 200 mm-8" lens, barndoor included

ORDER CODE: **POETF8BK**



Poet F8 is an 8" (200 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 F8 features a **450 W, 6-colour LED source** that delivers an impressive output of **16,500 lumens**. With a manual internal zoom range of 12°-80°, it provides precise focusing, crisp shadows, and excellent beam control, for the same user experience as a classic Fresnel. Combined with the included 8-leaf barndoor, the fixture produces clean cuts without chromatic aberration.
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 F8 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

- 450 W 6-colour LED with 200 mm-8" Fresnel lens and up to 16,500 lm output
- Authentic Fresnel performance with manual 12°-80° internal zoom, crisp shadows, and soft fall-off
- Clean beam focusing with included 8-leaf barndoor for clear cuts without chromatic aberration
- 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: 450W 6 colour LEDs source
- Luminous flux: (12°) 10'700 lm ; (80°) 16'581 lm @Full
- Lux: (12°) 8'138 lx ; (80°) 911lx @5 m full
- CRI: 95,5 @3.200 K; 96,8 @5.600 K
- R9: 97,5 @3.200 K; 97,1 @5.600 K
- TLCI: 85 @3.200 K; 88 @5.600 K
- TM30 Rf: 93,8 @3.200 K; 94,6 @5.600 K
- TM30 Rg: 102,9 @3.200 K; 103,3 @5.600 K
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS
- Zoom range: 12°-80° manual
- Lens diameter: 200mm / 8"
- Lens type: PMMA lens

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 1 to 24ch
- 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): 400W
- Output (at 230V): 6 units on a single power line
- Standby power: 9 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): 324 x 452 x 430mm / 12.76"x17.8"x16.93"
- Dimensions with PO system (WxHxD): 361 x 581 x 430mm / 14.21"x22.87"x16.93"
- Weight: 9,0kg / 19.84lbs

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 POETF8BK
- 1 x POET8FFBK
- 1 x POET8BDBK
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)

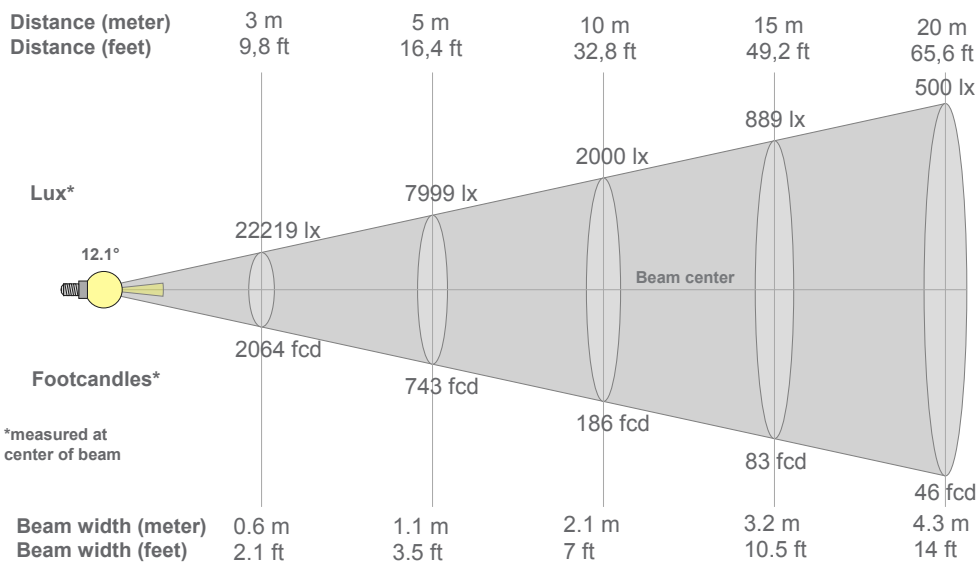
ACCESSORIES & RELATED PRODUCTS

- FCLPOET8 — Flight case for 4 pcs of POETF8 series
- POET8BDBK — Barndoors for Poet F8 series
- POET8FFBK — Filter Frame for Poet F8 series
- LRT2WK1 — Wireless kit 1 with TimoTwo
- POET8POYOBK — Pole operated yoke for Poet F8 series
- POET8POYOXBK — Motorized Pole operated yoke for Poet F8 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

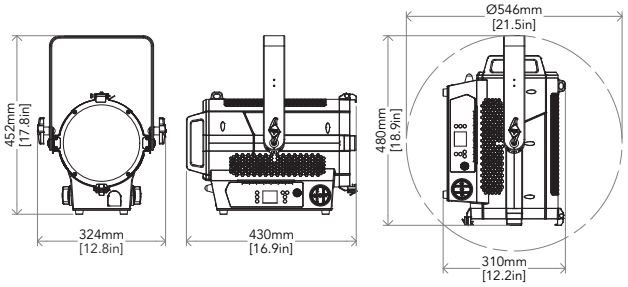
PRESET FULL ON

Beam angle 50%: 12°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
12.1°	20.3°	27.7°	99.7%	98.8%



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website
for specifications and
tech documentations

MUSIC & LIGHTS S.r.l.
Via A. Olivetti, snc
04026 - Minturno (LT) ITALY
info@prolights.it
Tel: +39 0771 72190
prolights.it
VAT No. IT 02057590594