

EclFresnel CT+XS

120 W Led Fresnel with 6 color source, 130mm-5" lens, barndoor incl.

ORDER CODE: **ECLFRCTPXSBK**



EclFresnel CT+XS is a compact 120W LED Fresnel, outputting 3700 lm and engineered with a 6 colours light source and a 130mm / 5" Fresnel lens designed to replace the classic 300W Tungsten Fresnels. The newly designed optical system provides internal zoom from 10° to 75°, maintaining high efficiency at any beam angle without any change to the luminaire's physical size throughout the zoom range. An optional PC lens kit is also available to achieve its specific light distribution. The SpektraOs algorithm delivers consistency in operations also with the other size of ECL Fresnel, higher luminous flux in both colours and whites CCT keeping a broader color space and richer light spectrum to achieve unprecedented values of CRI, TLCI and TM30. The **EclFresnel CT+** also performs silently, allowing it to be an indispensable workhorse for Broadcast, Theatre and corporate applications.

MAIN FEATURES

- 120W 6 color LED Fresnel, provides 3,700 lm
- 10-75° Internal zoom system, 130mm/5" Fresnel lens, and Optional PC kit
- SpektraOs allow high value in CRI up to 98, and consistent color reproduction across the range
- CRI: 97,7 @3.200K; 95,9 @5.600 K - R9: 96,5 @3200K; 96,2 @5.600 K

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 120W 6 colour LEDs source
- Luminous flux: (11,2°) 2.406 lm - (74,7°) 3.669 @Full
- Lux: (11,2°) 2.560 lx - (74,7°) 225lx @5 m full
- CRI: 97,7 @3.200K; 95,9 @5.600 K
- R9: 96,5 @3200K; 96,2 @5.600 K
- TLCI: 89 @3200K; 93 @5.600 K
- TM30 Rf: > 94,8 @3.200K; > 94,3 @5.600 K
- TM30 Rg: < 102,8 @3.200K; < 104,4 @5.600 K
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom range: (Fresnel lens) 10°-75°; (PC lens) 10°-67° manual
- Lens diameter: 130mm / 5.12"
- Lens type: PMMA lens
- Additional optics: PC lens available as accessory
- Other: barndoor and gel frame included

COLOUR SYSTEM

- Spektra OS: unmatched color precision and consistency
- Colour control: XY, CCT, RGBW, Gel with Source Emulation, Tungsten emulation, HSI, User preset
- Colour mixing: 6 colour LEDs source
- CCT: linear CCT adjustment from 1.850 K-20.000K

CONTROL

- Supported Protocols: DMX512, RDM, CRMX (optional)
- DMX channels: From 1 to 34ch
- RDM: for remote addressing and parameter configuration
- Display: 2.4" Color display
- 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: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Selectable PWM: 1282 to 40000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO (not included)

CONNECTIONS

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

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 48V
- Max power consumption (230V): 130W
- Output (at 230V): 20 units on a single power line
- Standby power: 5,8 W
- Power factor: > 0,94

PHYSICAL

- IP rating: IP20
- Cooling: forced-air with low-noise fan
- Housing: Die-cast magnesium alloy
- Finish: black (RAL 9004)
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 227x289x294mm / 8.94"x11.38"x11.57"
- Weight: 3,8kg / 8.38lbs

INSTALLATION

- Hardware on-board: included filter frame and 8 doors barndoor

CERTIFICATIONS / REPORTS

- Compliance: CE

BOX CONTENT

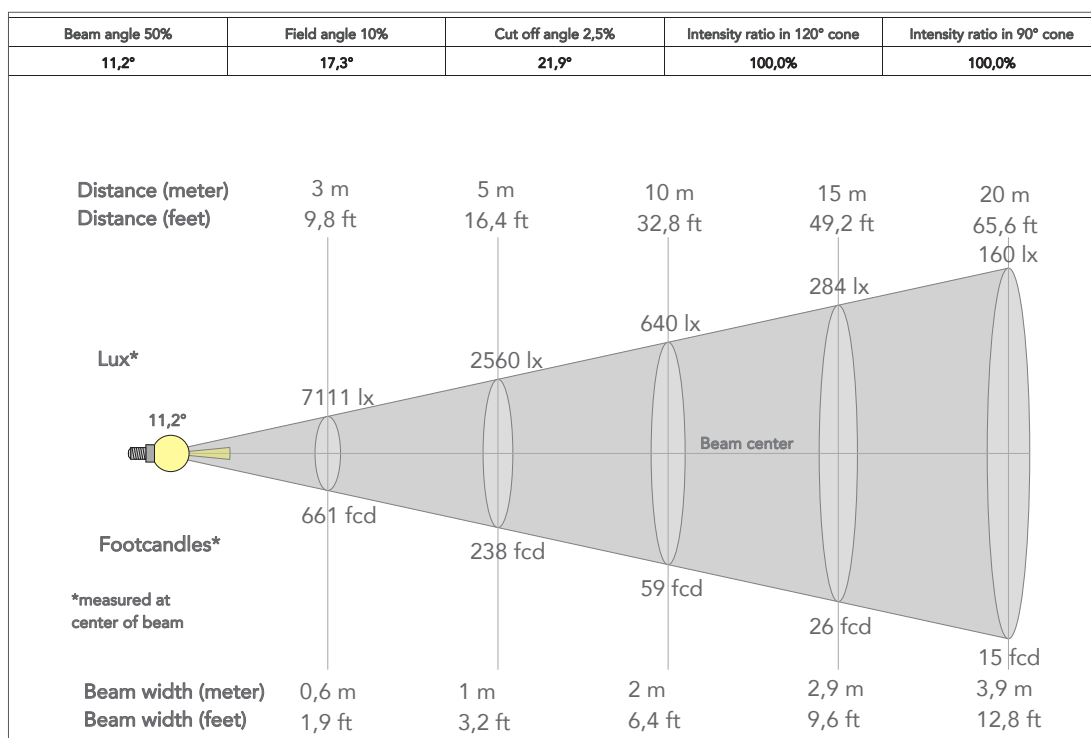
- 1 x ECLFRCTPXSBK
- 1 x ECLFRCTPXSFBBK
- 1 x ECLFRCTPXSBDBK
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

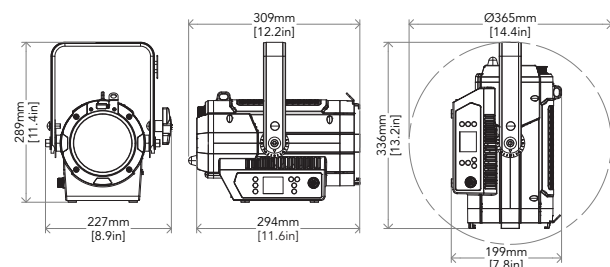
▪ FCLELFRCTPXS	Flight case for 6 pcs of ECLFRCTPXS series	▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
▪ ECLFRCTPXSFFBK	Filter frame for ECLFRCTPXS series, black	▪ 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L.3m
▪ ECLFRCTPXSBDDBK	Barn door 8 directional flaps to adjust the light beam for ECLFRCTPXS, black	▪ TOUR53415L03	Dmx cable HC5340. CANCEMXX XLR 5p->CANCEFXX XLR (f) 5p, L.3m
▪ ECLFRCTPXSCLKBK	PC lens kit for ECLFRCTPXS, black	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ EFSBUFDS	SNAPBAG - Universal SMALL DEEPER for BARNDOORS	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ ECLFRSPG	Spigot for PROLIGHTS fixtures	▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
▪ LRT2WK1	Wireless kit 1 with TimoTwo	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ SPGM12	28mm spigot for fixtures, M12 bolt		
▪ SPGM10	28mm spigot for fixtures, M10 bolt		
▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m		

PRESET FULL ON

Beam angle 50%: 11,2°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Visit our website
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tech documentations