

EclFresnel FWXSVW

120 W Led Fresnel Variable White source, 130mm-5" lens, barndoor incl.

ORDER CODE: **ECLFRFWXSVWBK**



EclFresnel FWXSVW is a compact 120W LED Fresnel, outputting 5.900 lm and engineered with Variable White 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 56°, maintaining high efficiency at any beam angle, without any change to the luminaire's physical size throughout the zoom range. The LED source has been selected to achieve the finest quality of whites, having high scores of CRI, R9 and TM30.

The **EclFresnel FWXSVW** also performs silently, allowing it to be an indispensable workhorse for Broadcast, Theatre and corporate applications.

MAIN FEATURES

- 120W Variable White LED Fresnel, provides 5.900 lm
- 10-56° Internal zoom system, 130mm/5" Fresnel lens
- High value in CRI up to 96, and consistent CCT reproduction across the range
- CRI: 95,2 @3.200K; 93,8 @5.600K - R9: 95,1 @3.200K; 98,7 @5.600K

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 120W Variable White LED
- Luminous flux: (9,8°) 3.175 lm - (55,8°) 5'897 lm @Full
- Lux: (9,8°) 4'233 lx - (55,8°) 440lx @5 m full
- CRI: 95,2 @3.200K; 93,8 @5.600K
- R9: 95,1 @3.200K; 98,7 @5.600K
- TLCI: 92 @3.200K; 97 @5.600K
- TM30 Rf: 91,8 @3.200K; 92,3 @5.600K
- TM30 Rg: 107 @3.200K; 104,8 @5.600K
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom range: 10°-56° manual
- Lens diameter: 150mm / 5.91"
- Lens type: PMMA lens
- Other: barndoor and gel frame included

COLOUR SYSTEM

- Colour mixing: tunable white
- CCT: linear from 2.800K to 6.500K

CONTROL

- Supported Protocols: DMX512, RDM, CRMX (optional)
- DMX channels: From 1 to 14ch
- 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: 6,3 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 ECLFRFWXSVWBK
- 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

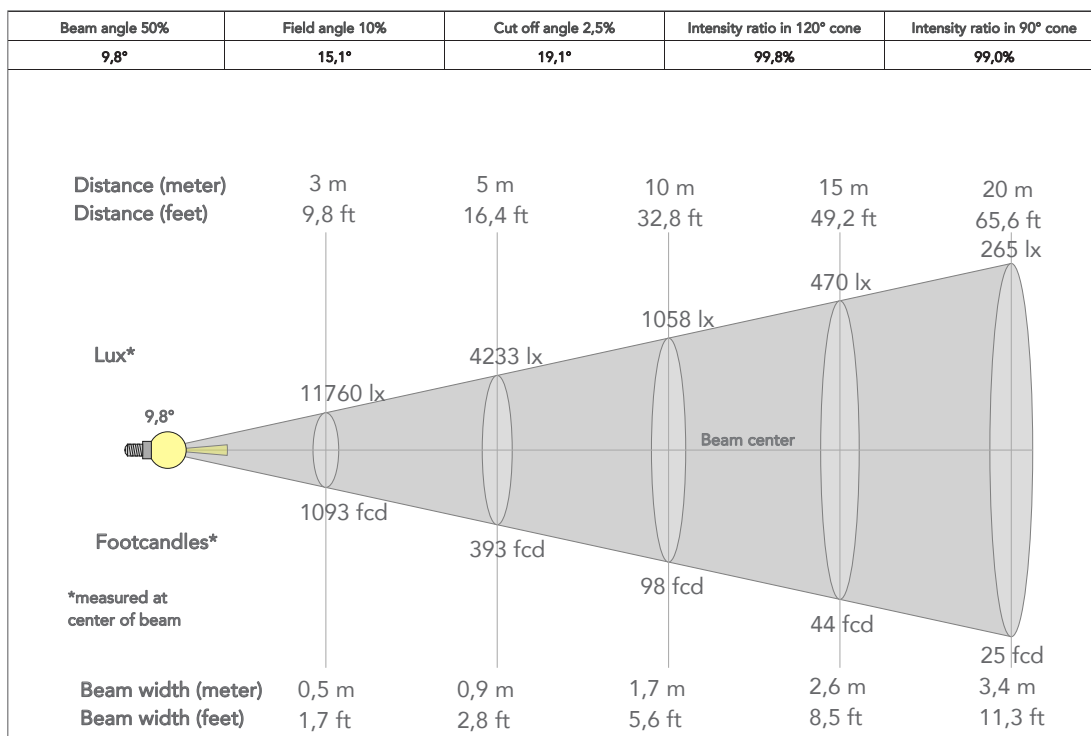
ACCESSORIES & RELATED PRODUCTS

• FCLECLFRCTPX	Flight case for 6 pcs of ECLFRCTPX series
• ECLFRCTPXSBDBK	Barn door 8 directional flaps to adjust the light beam for ECLFRCTPX, black
• ECLFRCTPXSFBBK	Filter frame for ECLFRCTPX series, black
• EFSBUFDS	SNAPBAG - Universal SMALL DEEPER for BARNDOORS
• ECLFRSPG	Spigot for PROLIGHTS fixtures
• LRT2WK1	Wireless kit 1 with TimoTwo
• SPGM12	28mm spigot for fixtures, M12 bolt
• SPGM10	28mm spigot for fixtures, M10 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

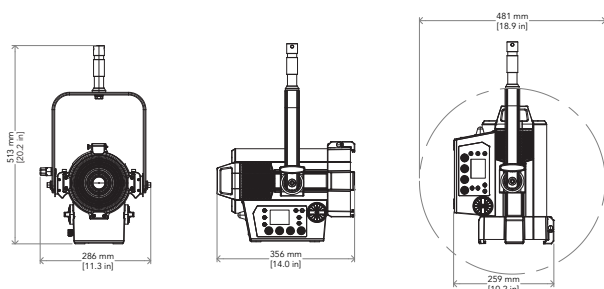
• RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
• 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
• 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
• 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L.3m
• TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
• UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON

Beam angle 50%: 9,8°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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