EclFresnel CT+S

200W 6 colours LED Fresnel with 9,7°-73,5° zoom

PROLiGHTS

EclFresnel CT+S is a 200W LED Fresnel, engineered with a new 6 colours light source and a 150mm / 6'' front lens.

The newly designed optical system allows a greater zoom range from 9,7° to 73,5°, keeping and high efficiency also at a narrow beam angle. The Spektra calibrated light source delivers consistency in operations, higher luminous flux in both colours and whites CCT keeping a broader light spectrum to achieve unprecedented values of CRI, TLCI and TM30.

Fixtures of the **EclFresnel** CT+ range brings more power in their processing unit, offering an ultimate user experience in terms of control of the light and colours and as well more intuitive stand alone operations through a larger display, backlight encoders, and advanced connectivity both wired and wireless.

Completed by a wide range of accessories including 8 leaf barndoors and P.O. bracket, the **EclFresnel** CT+ also performs silent, allowing to be the indispensable workhorse for Broadcast, Film and Theatre applications.

MAIN FEATURES

- 200W 6 colour LED Fresnel with 150mm/6'' front lens
- 9.7-73,5° Manual zoom system
- Premium White CCT reproduction and advanced colour control
- Silent operations

VERSIONS

Code	Housing
ECLFRCTPSBK	Black
ECLFRCTPSWH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source:200 W 6 colour custom LEDs source (red, green, blue, royal blue, mint, pc amber)
- Luminous flux:(9,7°) 1'993 lm - (73,5°) 4'857 lm @5.600 K
- Lux:(9,7°) 2'242 lx - (73,5°) 290 lx @5 m 5.600 K
- Lux:(9,7°) 2'248 lx - (73,5°) 298 lx @5 m 3.200K
- CRI:96,6 @3.200K; 97 @5.600 K
- R9:87 @3200K; 96 @5.600 K
- TLCI:87 @3200K; 94 @5.600 K
- TM30 Rf:> 94
- TM30 Rg:< 102
- Source life expectancy: > 50.000 h

OPTICS
- Zoom:9,7° - 73,5 ° manual
- Lens diameter:150 mm
- Lens type:fresnel zoom lens
- Additional optics: PC lens available as accessory
- Other: spigot, barndoor and gel frame included
- COLOUR SYSTEM
- Colour control:XY, CCT, RGBW, Gel with Source Emulation and Real Shift, HSI, Source Emulation, Color preset, Base CCT Temperature and Single Emitter Color Correction
- Colour mixing:6 colour custom LEDs source (red, green, blue, royal blue, mint, pc amber)
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets:1,800 K - 20.000 K
- Colour wheel:colour gels matching and RGB / HSI selectable colour mode
- Macros: several pre-built macros with adjustable speed

DYNAMIC EFFECTS
- Static mode: selection of static colour
- Manual mode: manual adjustment of intensity, CT, colour correction from knob
- Auto mode: built-in programs with execution speed adjustment
- Special features:9 fan modes available and output management and linear crossfade channel from any white to any colour; virtual CTO on colours

BODY
- Hardware on-board: filter frame, 8 doors barndoor, spigot
- Body: sturdy die-cast magnesium body
- Body colour: RAL 9004

CONTROL
- Protocols: DMX512, RDM, CRMX
- Stand Alone:4 push encoder RGB with backlight
- Wireless Control: optional, LumenRadio TimoTwo DMX/RDM compatible with both CRMX, CRMX2 (Lumen Radio) and W-DMX (Wireless DMX), Bluetooth capable
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included
- Master/Slave: for synchronised operation of more units linked in a chain
- Other: 16bit control of dimmer and colour

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves:4 selectable dimming modes available
- Strobe / shutter:1 - 30 Hz, electronic
- Operating temperature: -10° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 40.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains:48V
- Max power consumption:200 W
- Output (at 230V):11 units on a single power line
- Power factor:> 0,99

PHYSICAL
- IP rating:20
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: sliding bracket for hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Data connection: WEIPU SF12 4P-F
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Low Voltage DC connector: XLR 3p for 48V
- Dimensions (WxHxD):286x513x356 mm
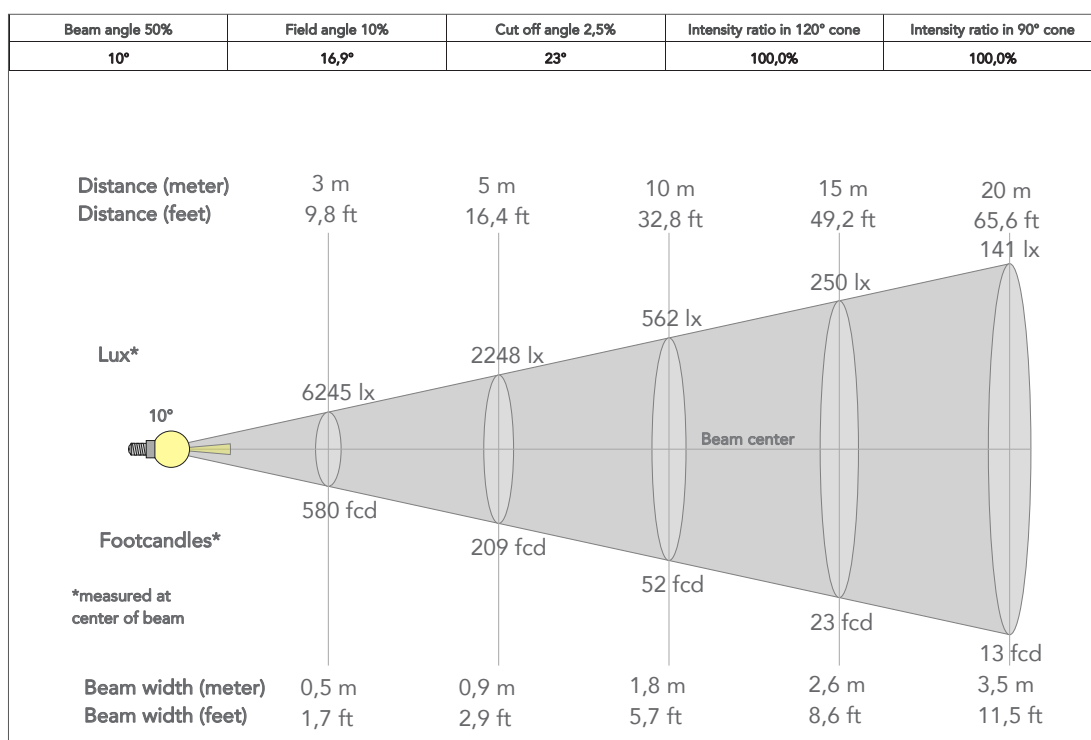- Weight:6,7 kg

CERTIFICATIONS / APPROVALS
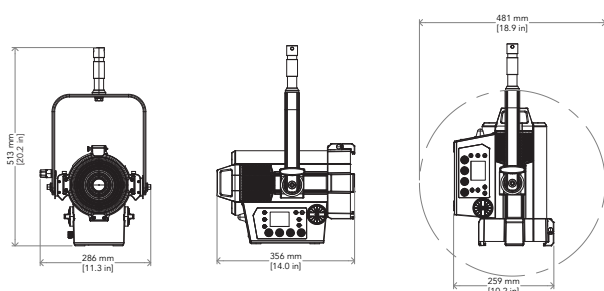- Certifications / Approvals: CE, UKCA, RCM

ACCESSORIES & RELATED PRODUCTS

- **FCLECLFRCTPS** — Flight case for 6 pcs of ECLFRCTPS / SIP series
- **ECLFRCTPSBAG1U** — Empty ABS case for 1 pc of ECLFRCTPS series
- **ECLFRCTPSKPOYO** — Pole operated aluminium yoke bracket and zoom kit for ECLFRCTPS series
- **ECLFRSPG** — Spigot for PROLIGHTS fixtures
- **ECLFRCTPSFFBK/WH** — Filter frame for ECLFRCTPS black/white housing
- **ECLFRCTPSBDBK/WH** — Barn door 8 directional flaps to adjust the light beam for ECLFRCTPS black/white housing
- **SPGM10** — 28mm spigot for fixtures, M10 bolt
- **SPGM12** — 28mm spigot for fixtures, M12 bolt
- **LRTM2SPIBK** — CRMX Timo Two SPI kit
- **UPBOXPRO** — Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
- **UPBOX1UP5** — Firmware uploader kit, USB IN, 5pin XLR DMX OUT, USB OUT

- **C6040B** — Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
- **TOUR53415L03** — Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
- **958225L03** — 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
- **9513FXWL03** — Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
- **RSR0630B** — Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- **C6002B** — Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- **9533FXWL03** — Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m

PRESET HB 3200K
Beam angle 50%: 9,7°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
10°	16,9°	23°	100,0%	100,0%

	3 m	5 m	10 m	15 m	20 m
Distance (meter) / Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft
Lux*	6245 lx	2248 lx	562 lx	250 lx	141 lx
Footcandles*	580 fcd	209 fcd	52 fcd	23 fcd	13 fcd
Beam width (meter)	0,5 m	0,9 m	1,8 m	2,6 m	3,5 m
Beam width (feet)	1,7 ft	2,9 ft	5,7 ft	8,6 ft	11,5 ft

10°

Beam center

*measured at center of beam

TECHICAL DRAWINGS

513 mm [20.2 in]
286 mm [11.3 in]
356 mm [14.0 in]
481 mm [18.9 in]
259 mm [10.2 in]

CERTIFICATIONS / APPROVALS

Visit our website for specifications and tech documentations

CE UKCA