

# EclFresnel CT+S

200 W indoor Led Fresnel with 6 color source, 150mm-6" lens

ORDER CODE: **ECLFRCTPSBK**



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

The newly designed optical system allows a greater zoom range from 9° to 73°, 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 color space and richer 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" glass lens
- 9-73° Manual zoom system
- High quality CCT reproduction and advanced color control
- New UI with 2.4" display and 4 backlit pushable encoder

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 200W 6 colour LEDs source
- Luminous flux: (9,7°) 1'922 lm - (73,5°) 4'795 @4.000 K
- Lux: (9,7°) 2'270 lx - (73,5°) 286lx @5m 4.000 K
- 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 @3.200K; > 94 @5.600 K
- TM30 Rg: < 101 @3.200K; < 102 @5.600 K
- Source life expectancy: > 50.000 h

### OPTICS

- Zoom range: 9,7° - 73,5° manual
- Lens diameter: 150mm / 5.91"
- Lens type: AR-coated glass Fresnel lens providing a classic soft light fall-off
- Additional optics: PC lens available as accessory
- Other: spigot, barndoor and gel frame included

### COLOUR SYSTEM

- Colour control: XY, CCT, 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)
- RDM: for remote addressing and parameter configuration
- Display: 2.4" Color display
- Stand Alone: 4 pushable RGB backlit encoder
- Master/Slave: for synchronised operation of more units linked in a chain

### ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 6 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, CRMX<sup>2</sup> (RX only) and W-DMX compatible, Bluetooth enabled
- Data connection: WEIPU SF12 4P-F
- Low Voltage DC connector: XLR 3p for 48V

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 48V
- Max power consumption (230V): 200W
- Output (at 230V): 17 units on a single power line
- Power factor: > 0,94

### PHYSICAL

- IP rating: IP20
- Cooling: heat pipe 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): 286x513x356mm / 11.26"x20.2"x14.02"
- Weight: 6,7kg / 14.77lbs

### INSTALLATION

- Bracket system: Sliding bracket for adjustable weight balance
- Hardware on-board: filter frame, 8 doors barndoor, spigot
- Other: Strengthened zoom movement system for enhanced durability and stability

### CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

### BOX CONTENT

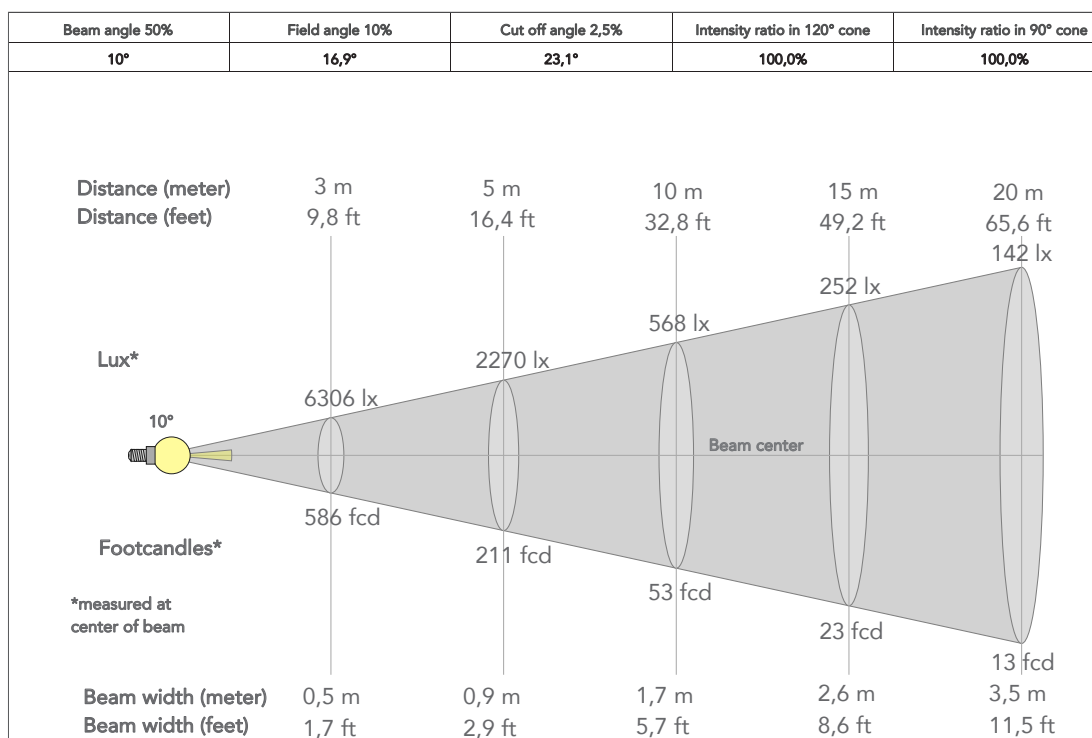
- 1 x ECLFRCTPS
- 1 x ECLFRSPG
- 1 x ECLFRCTPSFF
- 1 x ECLFRCTPSBD
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- 1 x User Manual

## ACCESSORIES & RELATED PRODUCTS

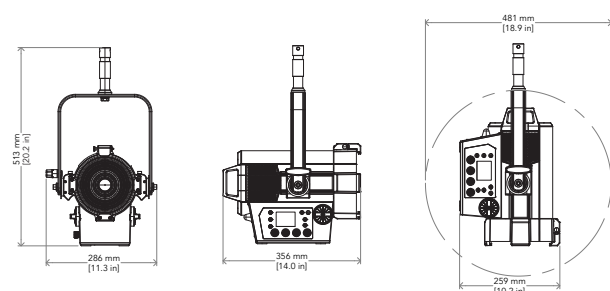
|                   |                                                                             |                |                                                                             |
|-------------------|-----------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------|
| ▪ ECLFRCTPSPCLK   | PC lens kit for ECLFRCTPS series                                            | ▪ LRTM2SPIBK   | CRMX Timo Two SPI kit                                                       |
| ▪ FCLECLFRCTPSR2  | Flight case for 6 pcs of ECLFRCTPS / SIP series                             | ▪ UPBOXPRO     | Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector                  |
| ▪ FCLECLFRCTPS    | Flight case for 6 pcs of ECLFRCTPS / SIP series                             | ▪ C6040B       | Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black            |
| ▪ ECLFRCTPSBAG1U  | Empty ABS case for 1 pc of ECLFRCTPS series                                 | ▪ TOUR53415L03 | Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m                |
| ▪ ECLFRCTPSKPOYO  | Pole operated aluminium yoke bracket and zoom kit for ECLFRCTPS series      | ▪ 958225L03    | 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m               |
| ▪ ECLFRSPG        | Spigot for PROLIGHTS fixtures                                               | ▪ 9513FXWL03   | Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m      |
| ▪ ECLFRCTPSFFBK   | Filter frame for ECLFRCTPS                                                  | ▪ RSR0630B     | Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black |
| ▪ ECLFRCTPSBDR2BK | Barn door 8 directional flaps to adjust the light beam for ECLFRCTPS series | ▪ C6002B       | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black          |
| ▪ ECLFRCTPSBDBK   | Barn door 8 directional flaps to adjust the light beam for ECLFRCTPS        | ▪ 9533FXWL03   | Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m                 |
| ▪ SPGM10          | 28mm spigot for fixtures, M10 bolt                                          |                |                                                                             |
| ▪ SPGM12          | 28mm spigot for fixtures, M12 bolt                                          |                |                                                                             |
| ▪ EFSBUFDS        | SNAPBAG - Universal SMALL DEEPER for BARNDOORS                              |                |                                                                             |

## PRESET HQ 4000K

Beam angle 50%: 10°



## TECHICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573  
Certified to CSA STD. C22.2 NO. 166

Visit our website  
for specifications and  
tech documentations

