

# EclFresnel CT+S

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



**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

## VERSIONS

Code	Housing
ECLFRCTPSBK	Black
ECLFRCTPSWH	White

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Light source: Proprietary source manufactured in Europe by PROLIGHTS
- Source: 200 W 6 colour LEDs source
- Luminous flux: (9,7°) 1'922 lm - (73,5°) 4'795 lm @4.000 K
- Lux: (9,7°) 2'270 lx - (73,5°) 286 lx @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: 9,7° - 73,5° manual
- Lens diameter: 6" / 150 mm
- Lens type: Fresnel glass lens with AR coating
- Lens effect: Glass Fresnel lens providing a classic light fall-off
- 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, Tungsten emulation, HSI, User preset
- Colour mixing: 6 colour LEDs source
- CCT: Linear CCT adjustment from 1.800 K-20.000K

### BODY

- Bracket system: Sliding bracket for adjustable weight balance
- Hardware on-board: filter frame, 8 doors barndoor, spigot
- Body: Die-cast magnesium alloy
- Body colour: RAL 9004
- Other: Strengthened zoom movement system for enhanced durability and stability

### CONTROL

- Protocols: DMX512, RDM, CRMX
- Stand Alone: 4 pushable RGB backlit encoder

- 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: 2.4" Color display
- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO) not included
- 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
- 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: > 0,94

### PHYSICAL

- IP rating: 20
- Cooling: combination of heat pipe cooling system and low noise fan
- 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

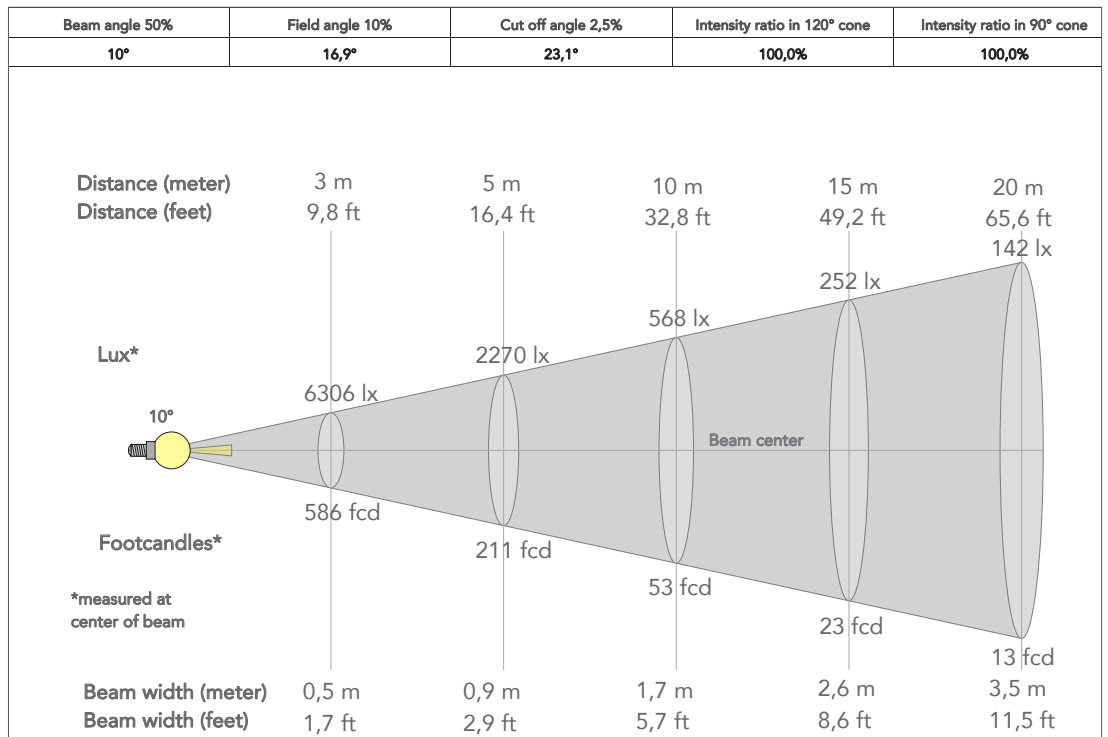
- Certifications / Approvals: CE, RCM, cTUVus

## ACCESSORIES & RELATED PRODUCTS

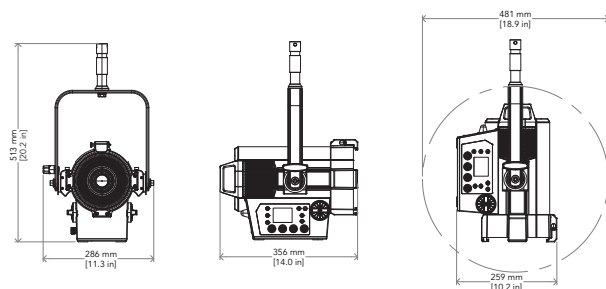
▪ ECLFRCTPSPCLK	PC lens kit for ECLFRCTPS series	▪ UPBOX2P5	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT
▪ FCLECLFRCTPS	Flight case for 6 pcs of ECLFRCTPS / SIP series	▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
▪ ECLFRCTPSBAG1U	Empty ABS case for 1 pc of ECLFRCTPS series	▪ TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FX 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/WH	Filter frame for ECLFRCTPS black/white housing	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ ECLFRCTPSBDBK/WH	Barn door 8 directional flaps to adjust the light beam for ECLFRCTPS black/white housing	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ SPGM10	28mm spigot for fixtures, M10 bolt	▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
▪ 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		

## PRESET HQ 4000K

Beam angle 50%: 10°



## TECHICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



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

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 tech documentations

