

EclFresnel CT+L

600 W indoor Led Fresnel with 6 color source, 250mm-10" lens



EclFresnel CT+L is a 600W LED Fresnel, engineered with a new 6 colours light source and a 250mm / 10" glass Fresnel lens.

The newly designed optical system allows a greater zoom range from 10° to 77°, 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

- 600W 6 colour LED Fresnel with 250mm/10" glass lens
- 10-77° Manual zoom system
- High quality CCT reproduction and advanced color control
- New UI with 2.8" display and 4 backlit pushable encoder

VERSIONS

Code	Housing
ECLFRCTPLBK	Black
ECLFRCTPLWH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Light source: Proprietary source manufactured in Europe by PROLIGHTS
- Source: 600 W 6 colour LEDs source
- Luminous flux: (10°) 5'859 lm - (77°) 13'814 lm @4.000 K
- Lux: (10°) 6'085 lx - (77°) 732 lx @5m @4.000 K
- CRI: 97,6 @3.200K; 97,5 @5.600 K
- R9: 84,9 @3200K; 97,8 @5.600 K
- TLCI: 88 @3200K; 94 @5.600 K
- TM30 Rf: > 94 @3.200K; > 94 @5.600 K
- TM30 Rg: < 101 @3.200K; < 103 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Zoom: 10° - 77 ° manual
- Lens diameter: 10" / 250 mm
- Lens type: Fresnel glass lens with AR coating
- : 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

- : 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: 2.8" 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: 600 W
- Output (at 230V): 4 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): 420x663x495 mm
- Weight: 17,4 kg

CERTIFICATIONS / APPROVALS

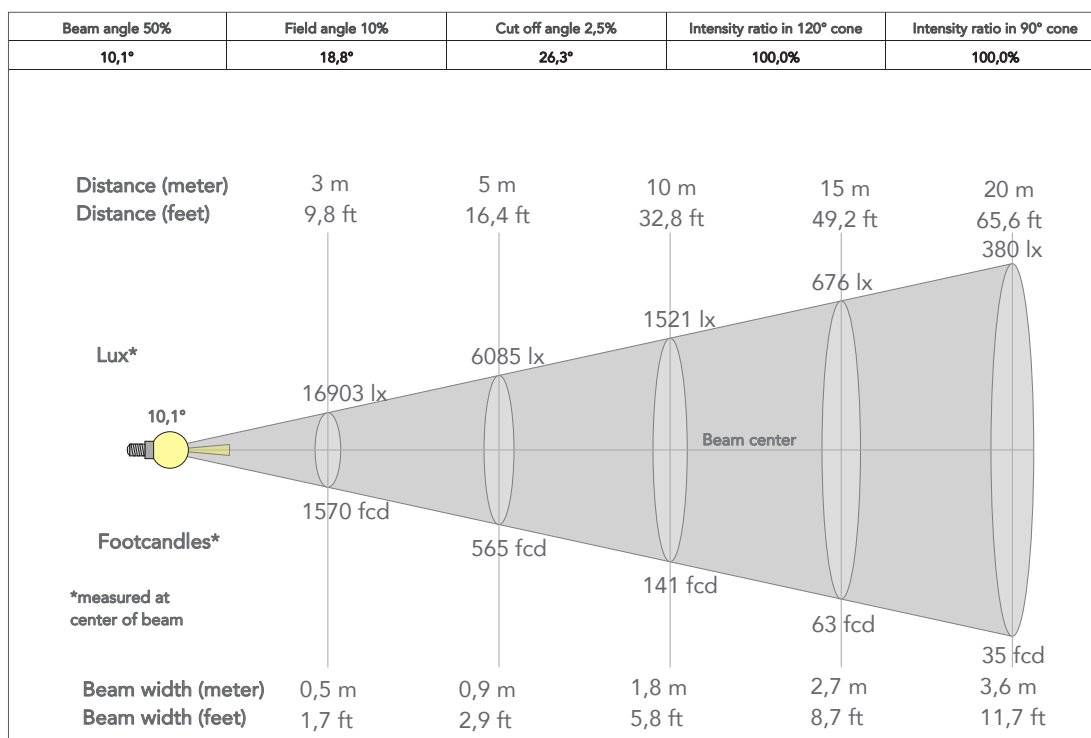
- Certifications / Approvals: CE, RCM, cTUVus

ACCESSORIES & RELATED PRODUCTS

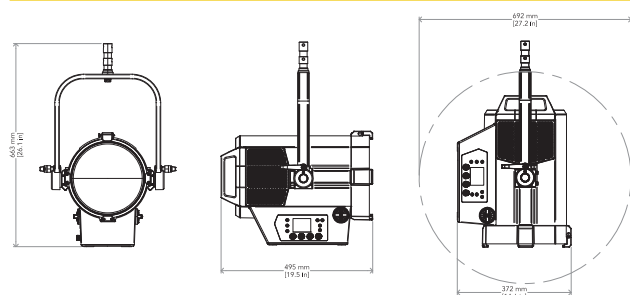
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|--------------------|--|----------------|---|
| ▪ ECLFRCTPMPCLK | PC lens kit for ECLFRCTPL series | ▪ UPBOX1UP5 | Firmware uploader kit, USB IN, 5pin XLR DMX OUT, USB OUT |
| ▪ FCLECLFRCTPL | Flight case for 2 pcs of ECLFRCTPL / LIP series | ▪ C6040B | Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black |
| ▪ ECLFRCTPLBAG1U | Empty ABS case for 1 pc of ECLFRCTPL series | ▪ C6002B | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black |
| ▪ ECLFRCTPLKPOYO | Pole operated aluminium yoke bracket and zoom kit for ECLFRCTPL series | ▪ TOUR53415L03 | Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m |
| ▪ ECLFRSPG | Spigot for PROLIGHTS fixtures | ▪ 958225L03 | 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L.3m |
| ▪ ECLFRCTPLFFBK/WH | Filter frame for ECLFRCTPL black/white housing | ▪ 9513FXWL03 | Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m |
| ▪ ECLFRCTPLBDBK/WH | Barn door 8 directional flaps to adjust the light beam for ECLFRCTPL black/white housing | ▪ RSR0630B | Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black |
| ▪ EFSBUFDS | SNAPBAG - Universal SMALL DEEPER for BARNDOORS | ▪ 9533FXWL03 | Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m |
| ▪ LRMT2SPIBK | CRMX Timo Two SPI kit | | |
| ▪ SPGM10 | 28mm spigot for fixtures, M10 bolt | | |
| ▪ SPGM12 | 28mm spigot for fixtures, M12 bolt | | |
| ▪ UPBOXPRO | Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector | | |

PRESET HB 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

