EclFresnel CT+L

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

ORDER CODE: **ECLFRCTPLBK**

PROLIGHTS

Spektra®

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

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Light source: Proprietary source manufactured in Europe by PROLIGHTS
- Source: 600W 6 colour LEDs source
- Luminous flux: (10°) 7'706 lm - (77°) 16'165 @Full
- Lux: (10°) 7'873 lx - (77°) 845lx @5 m full
- CRI: 97,8 @3.200K; 97,4 @5.600 K
- R9: 91 @3200K; 92 @5.600 K
- TLCI: 91 @3200K; 95 @5.600 K
- TM30 Rf: > 94 @3.200K; > 94 @5.600 K
- TM30 Rg: < 100 @3.200K; < 101 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS
- Zoom range: 10° - 77° manual
- Lens diameter: 10'' / 250mm / 0.39''
- 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, 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

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: 2.8'' Color display
- Firmware upgrade: via DMX with UPBOXPRO (USB-DMX interface not included)
- 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
- Operating temperature: -10° ~ +45° Ta
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 1282 ~ 40.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 48V
- Max power consumption: 600W
- Output (at 230V): 5 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): 420x663x495mm / 16.54''x26.1''x19.49''
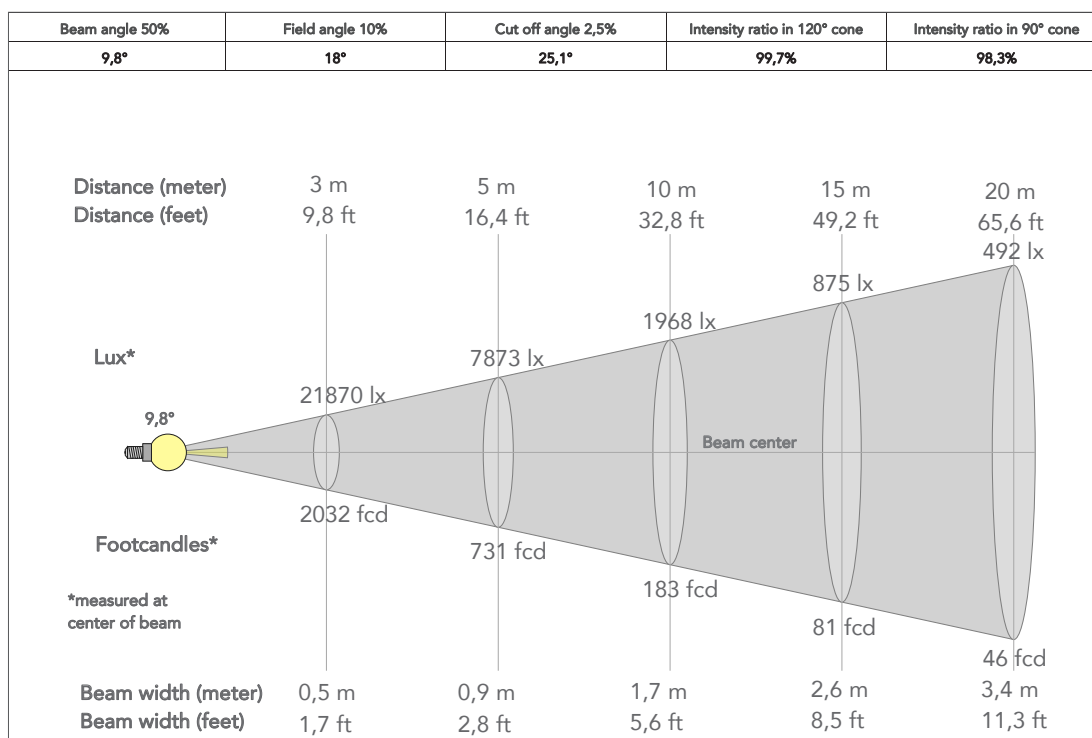- Weight: 17,4kg / 38.36lbs

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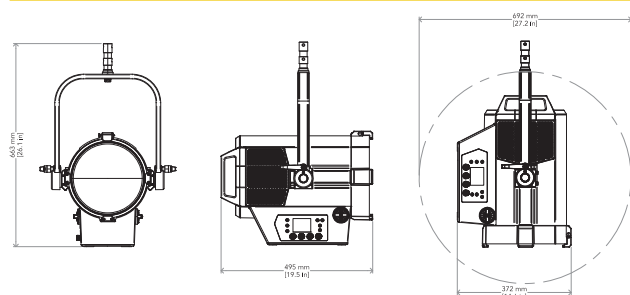- Certifications / Approvals: CE, RCM, cTUVus

ACCESSORIES & RELATED PRODUCTS

▪ ECLFRCTPLAHK	Longer accessory holder kit for ECLFRCTP series	▪ SPGM12	28mm spigot for fixtures, M12 bolt
▪ ECLFRCTPLPCLK	PC lens kit for ECLFRCTPL series	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ FCLECLFRCTPL	Flight case for 2 pcs of ECLFRCTPL / LIP series	▪ UPBOX2P5	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT
▪ FCLECLFRCTPLR2	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	Filter frame for ECLFRCTPL	▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
▪ ECLFRCTPLBDR2BK	Barn door 8 directional flaps to adjust the light beam for ECLFRCTPL series	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ ECLFRCTPLBDBK	Barn door 8 directional flaps to adjust the light beam for ECLFRCTPL	▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
▪ EFSBUFDS	SNAPBAG - Universal SMALL DEEPER for BARNDOORS		
▪ LRTM2SPIBK	CRMX Timo Two SPI kit		
▪ SPGM10	28mm spigot for fixtures, M10 bolt		

PRESET HB FULL ON

Beam angle 50%: 10°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
9,8°	18°	25,1°	99,7%	98,3%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft
Lux*	21870 lx	7873 lx	1968 lx	875 lx	492 lx
Footcandles*	2032 fcd	731 fcd	183 fcd	81 fcd	46 fcd
Beam width (meter)	0,5 m	0,9 m	1,7 m	2,6 m	3,4 m
Beam width (feet)	1,7 ft	2,8 ft	5,6 ft	8,5 ft	11,3 ft

*measured at center of beam

Beam center

9,8°

TECHICAL DRAWINGS

692 mm [27.2 in]
663 mm [26.1 in]
495 mm [19.5 in]
372 mm [14.6 in]

CERTIFICATIONS / APPROVALS

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

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FC   CE