EclFresnel CT+SIP

200 W IP65 Led Fresnel with 6 color source, 150mm-6'' lens
ORDER CODE: **ECLFRCTPSIPBK**

EclFresnel CT+SIP is a 200W LED Fresnel, engineered with a new 6 colours light source and a 150mm / 6'' glass Fresnel lens. Being IP65 rated, the unit is both water and dust resistant ensuring safe application in any set or extreme locations, keeping lightweight and not scaling up in sizes.

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

- 200 W 6 IP65 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
- Light source: Proprietary source manufactured in Europe by PROLIGHTS
- 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: 9,7° - 73,5° manual
- Lens diameter: 6'' / 150mm / 0.24''
- 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: weatherproof IP65 construction with 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: included, 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: 6 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -20° ~ +45°
- 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: 200W
- Output (at 230V): 17 units on a single power line
- Power factor: > 0,94
- Inrush current: 110VAC/9.5A, 230VAC/16.2A

PHYSICAL
- IP rating: 65 for temporary outdoor use (*)
- Cooling: combination of heat pipe cooling system and low noise fan
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Data connection: IP65 WEIPU SF12 4P-F
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Low Voltage DC connector: XLR 3p for 48V
- Dimensions (WxHxD): 286x513x356mm / 11.26''x20.2''x14.02''
- Weight: 7,6kg / 16.76lbs
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.
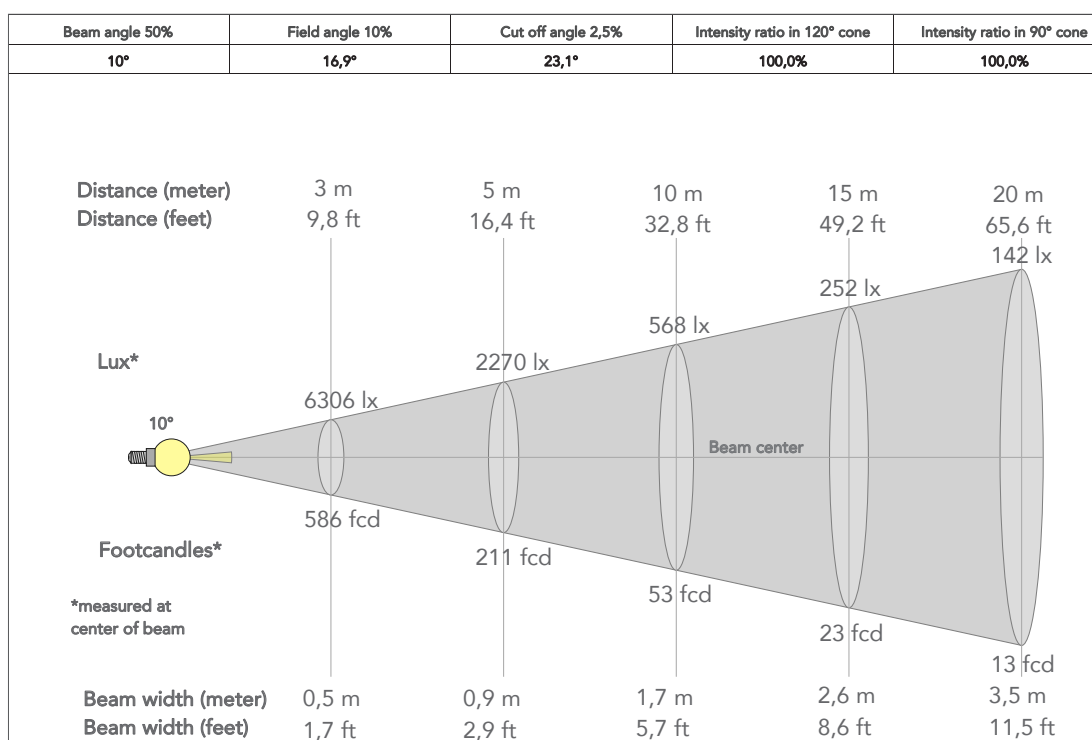
CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, RCM, cTUVus
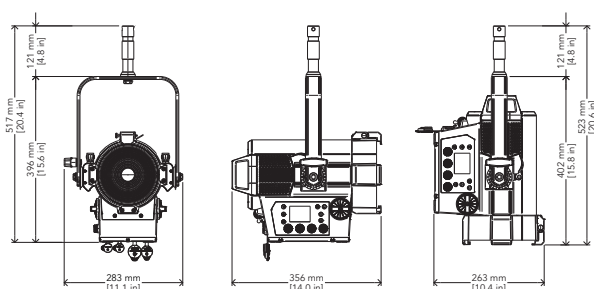
ACCESSORIES & RELATED PRODUCTS

Code	Description
ECLFRCTPSPCLK	PC lens kit for ECLFRCTPS series
FCLECLFRCTPSR2	Flight case for 6 pcs of ECLFRCTPS / SIP series
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	Filter frame for ECLFRCTPS
ECLFRCTPSBDR2BK	Barn door 8 directional flaps to adjust the light beam for ECLFRCTPS series
ECLFRCTPSBDBK	Barn door 8 directional flaps to adjust the light beam for ECLFRCTPS
SPGM10	28mm spigot for fixtures, M10 bolt
SPGM12	28mm spigot for fixtures, M12 bolt
EFSBUFDS	SNAPBAG - Universal SMALL DEEPER for BARNDOORS
LRTM2SPIBK	CRMX Timo Two SPI kit
UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
UPBOX2P5	Firmware uploader kit, USB IN, 5-pin XLR DMX 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 HQ 4000K
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
10°	16,9°	23,1°	100,0%	100,0%

TECHICAL DRAWINGS

CERTIFICATIONS / APPROVALS

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

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