EclPar FC

150W RGB + Warm White HQ and flexible LED PAR

ORDER CODE: **ECLPARFC**

EclPar FC is a range of multipurpose LED fixtures with a single source, delivering silent operation, high quality of light and optical flexibility, designed to redefine the standard for theatrical, TVs and corporate applications. **EclPar** FC features a 150W RGB + Warm White and delivers a superior white CTC with +/- tint control, red-shift (CRI > 95 and R9 > 98 @3.200 K) and colour mixing. The fixture includes an extensive range of accessories including barn doors, filter frame, egg crate and a multitude of interchangeable lenses. **EclPar** FC features a smooth 16-bit dimming as well as RDM control and adjustable PWM providing eye-candy.

MAIN FEATURES

- 150W RGB + Warm White delivering precise whites, +/-green correction (CRI > 95 and R9 > 98 @3.200 K) and colour mixing
- Flex lens system: 24° on-board - 73° included - 40° optional
- Silent operation and adjustable PWM

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 150W RGB + Warm White
- CCT: 2.800 K - 6.500K
- Luminous flux: (24°) 5'983 lm - (73°) 5'774lm @full
- Lux: (24°) 1'040 lx - (73°) 166lx @5 m full
- CRI: 95 @3.200 K; 92 @5.600 K
- R9: 98 @3.200 K; 96 @5.600 K
- TLCI: 85 @5.600 K
- TM30 Rf: 92 @3.200 K; 90 @5.600 K
- TM30 Rg: 105 @3.200 K; 106 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle: (on board) 24° or (included) 73°
- Field angle: (on board) 28° or (included) 104°
- Lens diameter: 163mm
- Lens type: fresnel lens
- Additional optics: 24° lens on board - 73° lens included - 40° lens optional - egg crate optional - barndoors optional - gel frame holder included
- Other: 12° lens not available

COLOUR SYSTEM
- Colour mixing: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.800 K - 6.500K
- Colour wheel: virtual colour wheel with macros
- Macros: built-in white presets

DYNAMIC EFFECTS
- Static mode: selection of static colour
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

BODY
- Hardware on-board: on board mechanics for rigging to the ceiling
- Body: sturdy die-cast aluminium body
- Body colour: black

CONTROL
- Protocols: DMX512, RDM
- DMX channels: (theatre) 1 / 2 / 4 / 5 / 6 / 10 / 15 / 17 ch - (tour) 4 / 6 / 10 / 15channel
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) 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 operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 150W
- Output (at 230V): 14 units on a single power line
- Power factor: > 0.92

PHYSICAL
- IP rating: 20
- Cooling: active, silent operation
- Suspension and fixing: any position with quick-lock omega brackets
- Signal connection: Amphenol XLR 3p + 5p IN/OUT connectors
- Power connection: Neutrik powerCON IN/OUT connectors
- Dimensions (WxHxD): 316x404x317mm
- Weight: 5,7kg

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

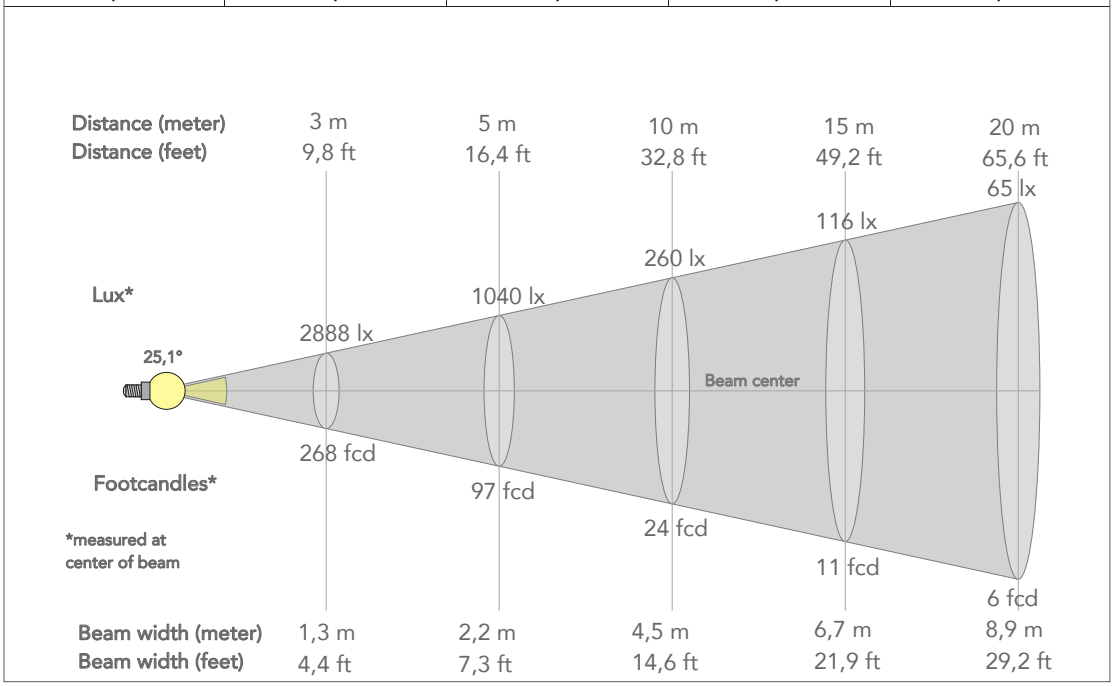
ACCESSORIES & RELATED PRODUCTS

9513FCAL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FCA socket, L.3m
9533FCAL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FCA socket, L.3m
958025L03	3x2.5mm TH07 Cable, 20A 3p PwCon FCA, 20A 3p PwCon FCB, L. 3m
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
ECLPARBD	Barn door with directional flaps to adjust the light beam for ECLPAR series
FCLECLPAR	Flightcase for 6 pcs of ECLPAR
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
TOUR53413L03	Dmx cable HC5340. CANC3MXX XLR 3p->CANC3FXX XLR (f) 3p, L.3m
TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
ECLPARLENS24	24° lens for ECLPAR projectors series
ECLPARLENS40	40° lens for ECLPAR projectors series
ECLPAREC	Egg crate for ECLPAR projectors series
ECLPARLENS65	73° lens for ECLPAR projectors series
ECLPARTPG	Gel filter frame for ECLPAR projectors
ECLPARASF	Kit di filtri asimmetrici per serie ECLPAR
UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

PRESET FULL ON

Beam angle 50%: 24°

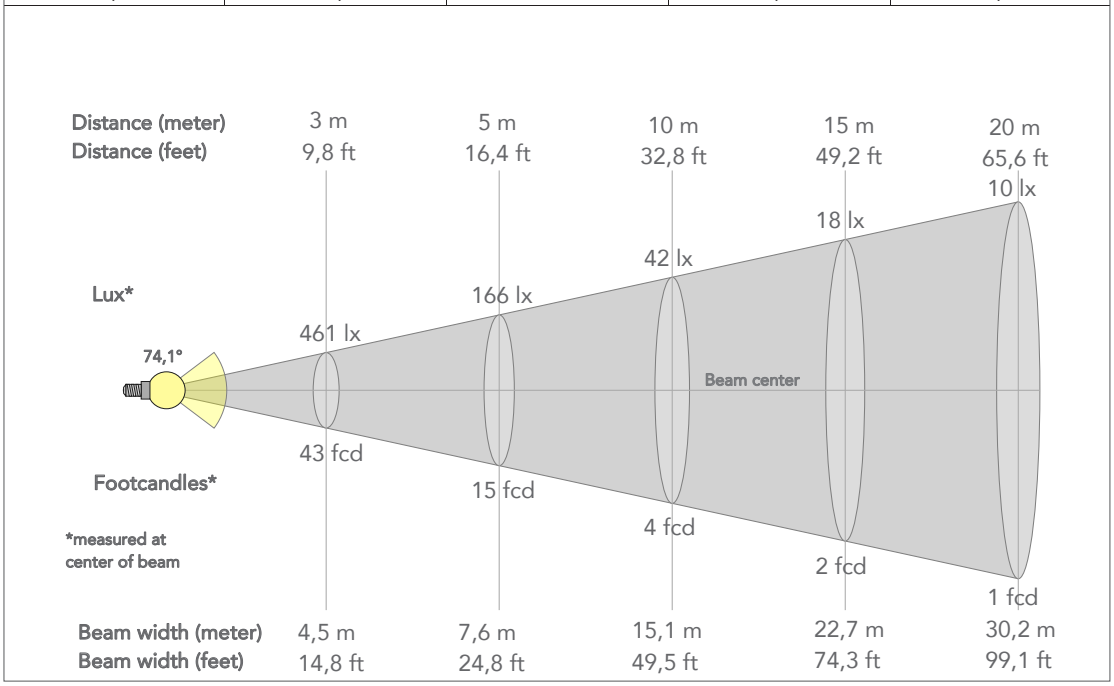
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
25,1°	41,5°	61,2°	97,2%	92,9%



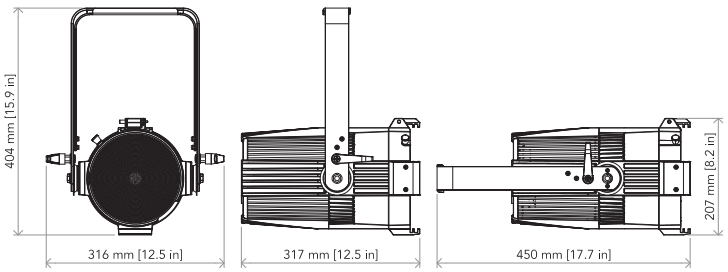
PRESET FULL ON

Beam angle 50%: 73°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
74,1°	104,2°	122°	97,3%	87,2%



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website
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