

EclFresnel TW

LED Fresnel FC and Tunable White with colour correction, to replace 1.000W lamp



TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 260 W 6 colour custom LEDs source (red, orange, green, royal blue, blue, lime)
- CCT: 2.800 K ~ 10.000 K
- Luminous flux: (17°) 4'653 lm - (57°) 7'896 lm @full
- Lux: (17°) 1'678 lx - (57°) 344 lx @5 m full
- CRI: 90 @3.200 K; 89 @5.600 K
- R9: 80 @3.200 K; 87 @5.600 K
- TLCI: 77 @5.600 K
- TM30 Rf: 87 @3.200 K; 81 @5.600 K
- TM30 Rg: 106 @3.200 K; 106 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Zoom: 17° - 91° half peak angle
- Lens diameter: 8" - 200 mm
- Lens type: Fresnel zoom lens
- Focus: manual

COLOUR SYSTEM

- Colour mixing: tunable white + colour
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.800 K - 10.000 K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built macros with adjustable speed

DYNAMIC EFFECTS

- Static mode: selection of static colour
- Manual mode: manual adjustment of intensity, CT, colour correction from knob
- 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: filter frame, 8 doors barn door, spigot
- Body: sturdy die-cast aluminium body
- Body colour: black, white finishing available

ACCESSORIES & RELATED PRODUCTS

9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black

EclFresnel TW is an advanced LED replacement of traditional 1.000W Fresnel lamps. Offering 6 colour mixing, delivering high precision reproduction of the white spectrum from 2.800 K to 10.000 K with high CRI and an extensive colour reproduction. The optical system harnesses the power of a 260W custom LED with 6 colours to create an even projection, beautiful colours and precise white, with the option to apply +/- green and magenta correction to match other sources of light. Featuring HD dimming and tuning from 2.800 K to 10.000 K version, the **EclFresnel TW** delivers the performance and quality of output demanded from this level of luminaire.

MAIN FEATURES

- Tunable White 2.800 K - 10.000 K with high CRI and extensive colour mixing
- +/- green and magenta white tuning
- Silent operation for studio and stage use

VERSIONS

Code	Housing
ECLFRESNELTW	Black
ECLFRESNELTWWH	White

CONTROL

- Protocols: DMX512, RDM, rotatory knob
- DMX channels: 1 / 2 / 5 - 1 / 5 - 2 / 7 / 9 / 12 / 13 / 16 / 19 / 21 channel
- 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
- Other: 16bit control of dimmer and colour

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 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 260 W
- Output (at 230V): 11 units on a single power line
- Power factor: >0,93

PHYSICAL

- IP rating: 20
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD): 283x440x343 mm
- Dimensions with PO system (WxHxD): 341x545x343 mm
- Weight: 7,5 kg
- Weight with PO system: 9,7 kg

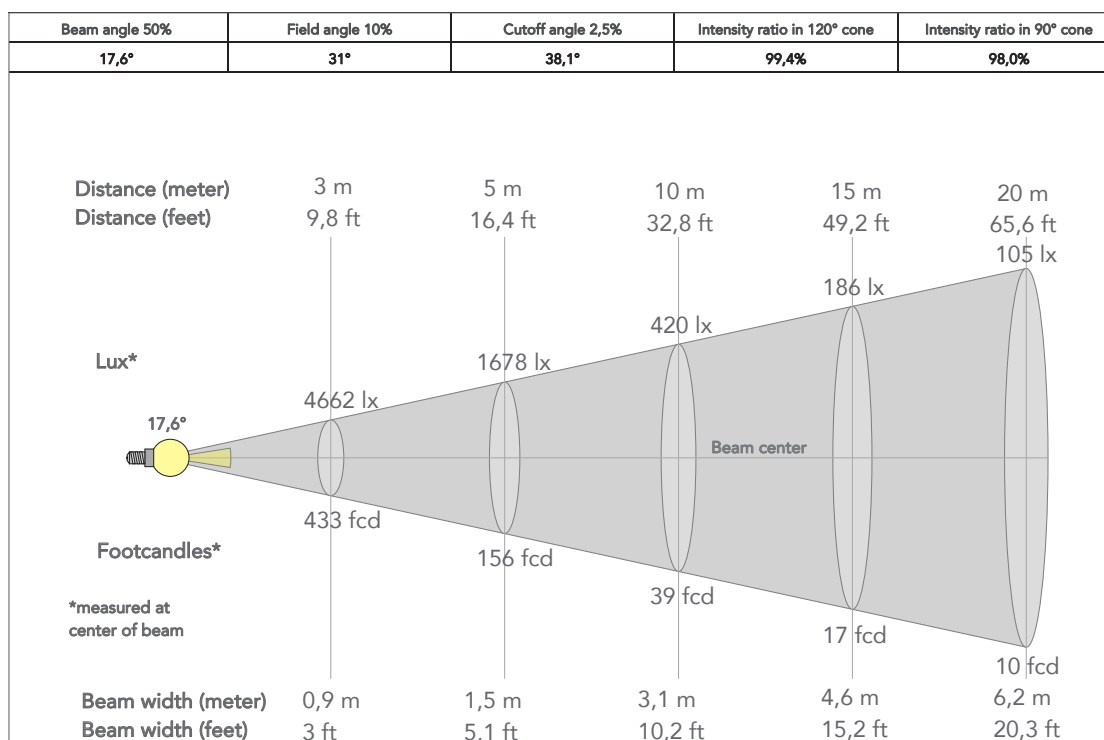
CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM

ECLFRSBD	Barn door with directional flaps to adjust the light beam
ECLFRSPG	Spigot for PROLIGHTS Fresnel series
ECLFRSTPG	Filter frame for ECLFRESNEL series
FCLECLFRS	Flight case for 4x ECLFRESNEL
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

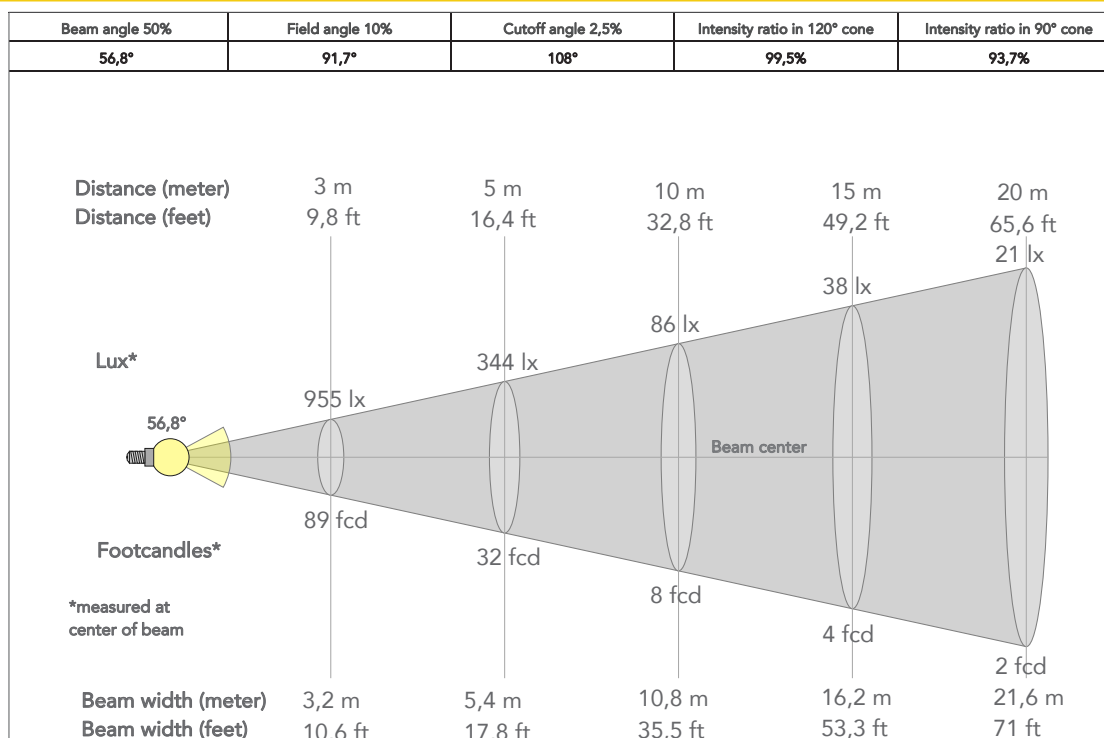
PRESET FULL ON

Beam angle 50%: 17°

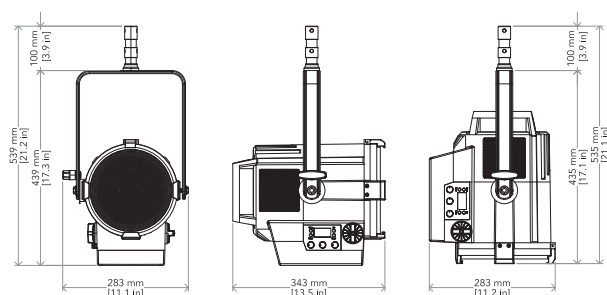


PRESET FULL ON

Beam angle 50%: 57°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website
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tech documentations

