

EclFresnel

LED Fresnel with HB white source, to replace 1.000W lamp



EclFresnel is the LED replacement for a standard tungsten 1.000W Fresnel. Featuring the output characteristics of a traditional Fresnel but with beam control, functional barn doors and a powerful source that focuses on outstanding colour rendition. The **EclFresnel** adds all the advantages of LED to the Fresnel.

MAIN FEATURES

- TU (3.200 K) and DY (5.600 K) versions available both with HD dimming
- Fresnel lens with 17° to 66° zoom range
- Silent operation for studio and stage use

VERSIONS

| Code | CCT | Pole Operated | Housing |
|-----------------------|---------|---------------|---------|
| ECLFRESNELTU | 3.200 K | NO | Black |
| ECLFRESNELDY | 5.600 K | NO | Black |
| ECLFRESNELPTU | 3.200 K | YES | Black |
| ECLFRESNELPDY | 5.600 K | YES | Black |
| ECLFRESNELTUWH | 3.200 K | NO | White |
| ECLFRESNELDYWH | 5.600 K | NO | White |

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 230W high-power white LED
- CCT: (TU) 3.200 K - (DY) 5.600K
- Luminous flux: (TU) (17°) 10'842 lm (42°) 13'320lm @full
- Luminous flux: (DY) (17°) 12'546 lm (42°) 15'623 lm @full
- Lux: (TU) (17°) 3'728 lx - (42°) 1'019lx @5 m full
- Lux: (DY) (17°) 4'260 lx - (42°) 1'182lx @5 m full
- CRI: (TU) >98 - (DY) >95
- R9: (TU) >90 - (DY) >90
- TLCI: (TU) >98; (DY) >95
- TM30 Rf: (TU) >92; (DY) >89
- TM30 Rg: (TU) >99; (DY) >98
- Source life expectancy: > 50.000 h

OPTICS

- Zoom: 17° - 66° half peak angle
- Lens diameter: 8" - 200mm
- Lens type: fresnel zoom lens
- Other: barndoor and gel frame included

COLOUR SYSTEM

- Colour mixing: white

DYNAMIC EFFECTS

- Static mode: selection of static dimmer
- Manual mode: manual adjust of dimmer through menu and knob
- Auto mode: built-in programs with execution speed adjustment

BODY

- Hardware on-board: included filter frame, 8 doors barndoor, spigot
- Pan angle: (for pole operated version) 360° with manual regulation
- Tilt angle: (for pole operated version) 340° with manual regulation
- Body: sturdy die-cast aluminium body
- Body colour: black, white finishing available
- Other: Spigot 28 mm

CONTROL

- Protocols: DMX512, RDM, rotatory knob
- DMX channels: ch1: 1 / 2 - ch2: 2 / 3 / 5channel

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 |
| ECLFRSBD | Barn door with directional flaps to adjust the light beam |

- 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

ELECTRONICS

- Dimmer: linear 0 ~ 100%, manual knob dimmer
- Dimmer curves: 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: 210W
- Output (at 230V): 10 units on a single power line
- Power factor: 0,95

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): 283x440x343mm
- Dimensions with PO system (WxHxD): 341x545x343mm
- Weight: 7,5kg
- Weight with PO system: 9,7kg

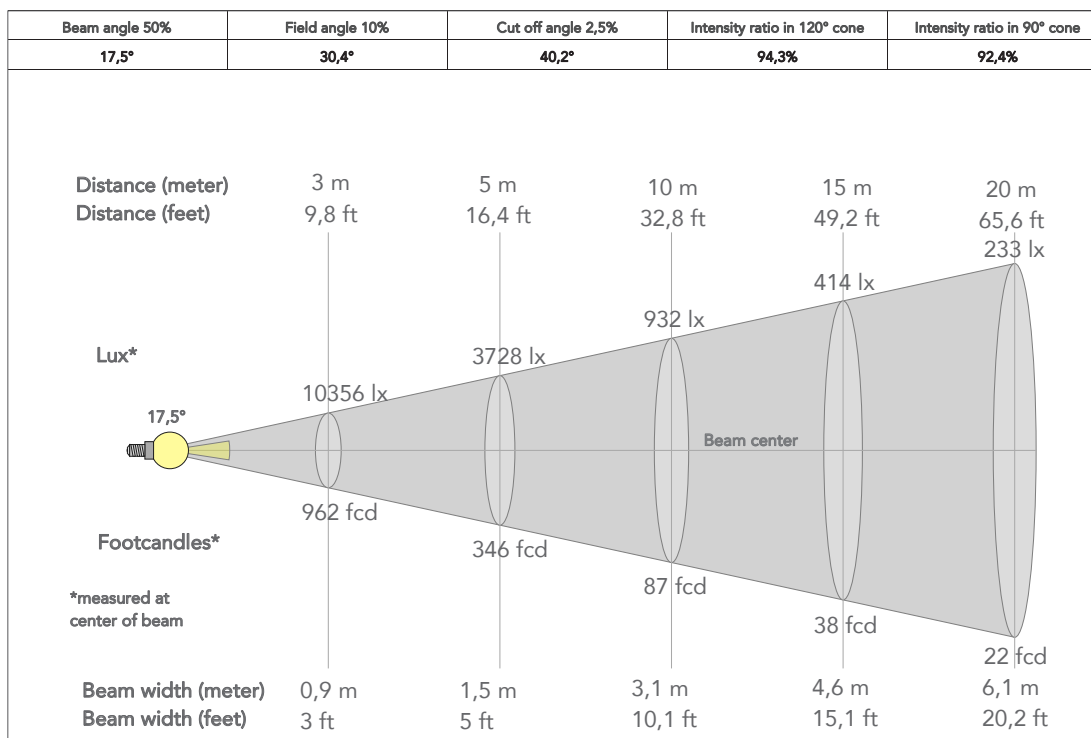
CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM

| | |
|--------------|---|
| ECLFRSNL | Narrow angle lens for ECLFRESNEL TU and DY fresnel projectors |
| 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. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m |
| UPBOX1U | Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT |

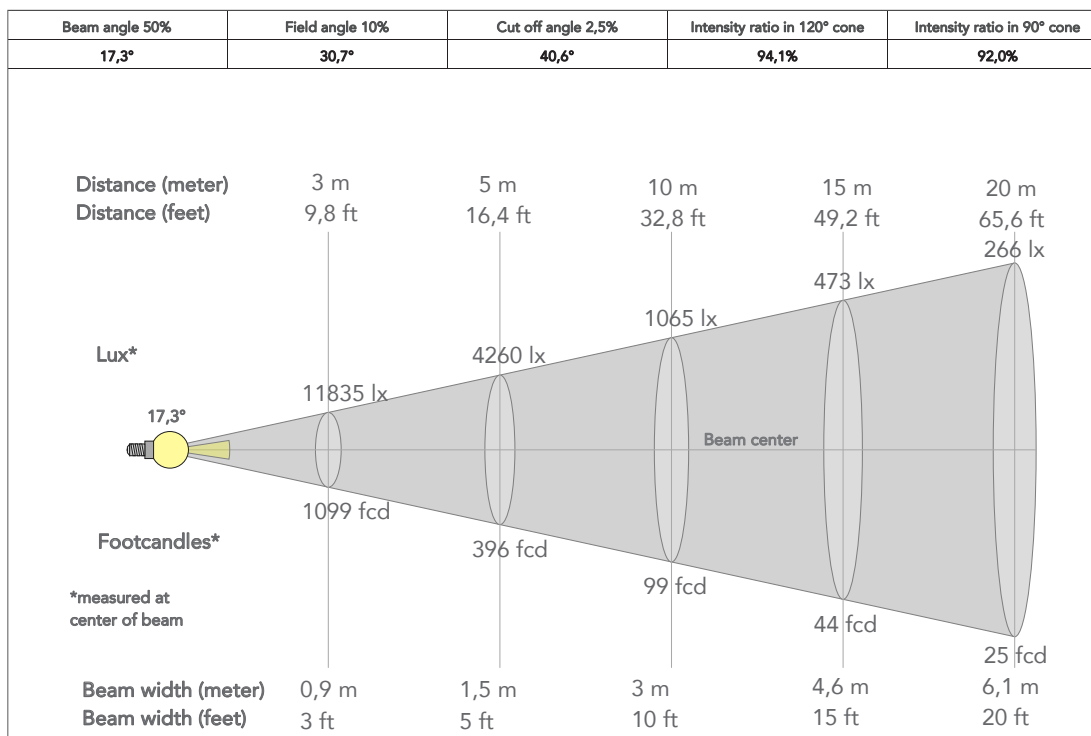
(TU) PRESET FULL ON

Beam angle 50%: 17°

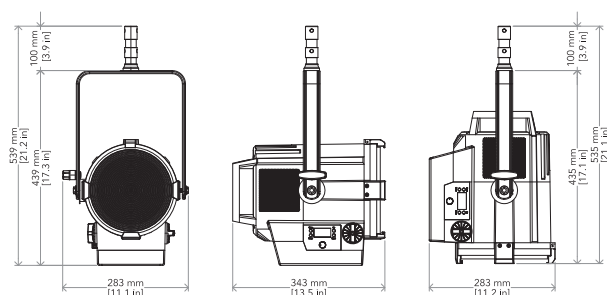


(DY) PRESET FULL ON

Beam angle 50%: 17°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website
for specifications and
tech documentations

