

EclFresnel

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



EclFresnel is the LED replacement for a standard tungsten 1.000 W 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 15° to 45° zoom range
- Silent operation for studio and stage use

VERSIONS

| Code | CT | CRI | Lumen |
|----------------------|---------|-------------|-----------|
| EclFRESNELTU | 3.200 K | up tp 98 Ra | 13'320 lm |
| EclFRESNELDY | 5.600 K | up to 95 Ra | 15'623 lm |
| EclFRESNELPTU | 3.200 K | up tp 98 Ra | 13'320 lm |
| EclFRESNELPDY | 5.600 K | up to 95 Ra | 15'623 lm |

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 230 W high-power white LED
- CCT: (TU) 3.200 K - (DY) 5.600 K
- CRI: (TU) up to 98 - (DY) up to 95
- R9: (TU) up to 90 - (DY) up to 92
- Luminous flux: (TU) (45°) 13'320 lm (15°) 10'842 lm - (DY) (45°) 15'623 lm (15°) 12'546 lm
- Lux: (TU) (15°) 10'356 lx (45°) 2'829 lx - (DY) (15°) 11'835 lx (45°) 3'284 lx @3 m
- Lux: (TU) (15°) 3'728 lx (45°) 1'019 - (DY) (15°) 4'260 lx (45°) 1'182 lx @5 m
- Source life expectancy: > 50.000 h
- Other: TLCl: (TU) 98,1 - (DY) 96,3

OPTICS

- Zoom: 15° - 45° manual
- Field angle: 28° - 65°
- Lens diameter: 8" - 200 mm
- Lens type: fresnel zoom lens
- Other: barn door and gel frame included

COLOUR SYSTEM

- Colour mixing: white

DYNAMIC EFFECTS

- Static colour mode: selection of static dimmer
- Manual colour 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, omega bracket 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 conceived for long-time durability
- Body colour: black
- Other: pan/tilt infinite for pole operated version

CONTROL

- Protocols: DMX512, RDM, local knob
- DMX channels: ch1: 1 / 2 - ch2: 2 / 3 / 5 channel
- RDM: RDM ready for fixture remote monitor and settings
- Display: black OLED high resolution display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronized operation of more units linked in a chain
- Other: 16bit control of dimmer

ELECTRONICS

- Dimmer: linear 0 ~ 100%, manual knob dimmer
- Dimmer curves: different dimming curves available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -10° ~ +45°
- Flicker: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Power supply: 100-240 V - 50/60 Hz
- Power consumption (at 230 V): 214 W
- Power consumption (at 120 V): 215 W
- Output (at 230 V): 17 units on a single power line
- Output (at 120 V): 9 units on a single power line
- Power factor: 0,95

PHYSICAL

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

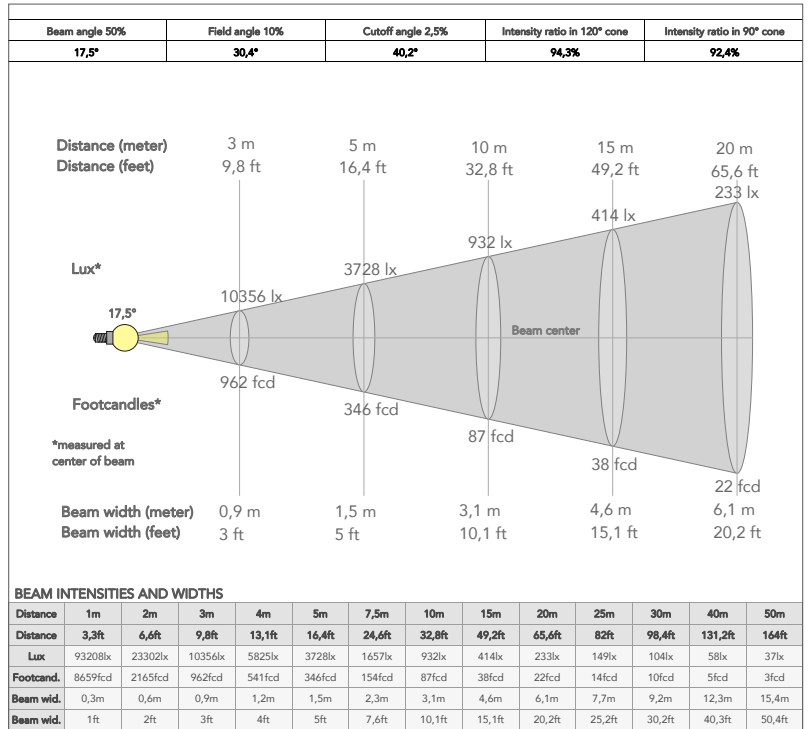
ACCESSORIES & RELATED PRODUCTS

- ECLFRSPG: Spigot for PROLIGHTS Fresnel series (included)
- ECLFRSBD: Barn door with 8 directional flaps to adjust the light beam (included)
- ECLFRSTPG: Filter frame for EclFRESNEL series (included)

- FCLFRES: Flight case for 4x EclFRESNEL
- EclFRSNL: Narrow angle lens for EclFRESNEL TU and DY fresnel projectors
- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

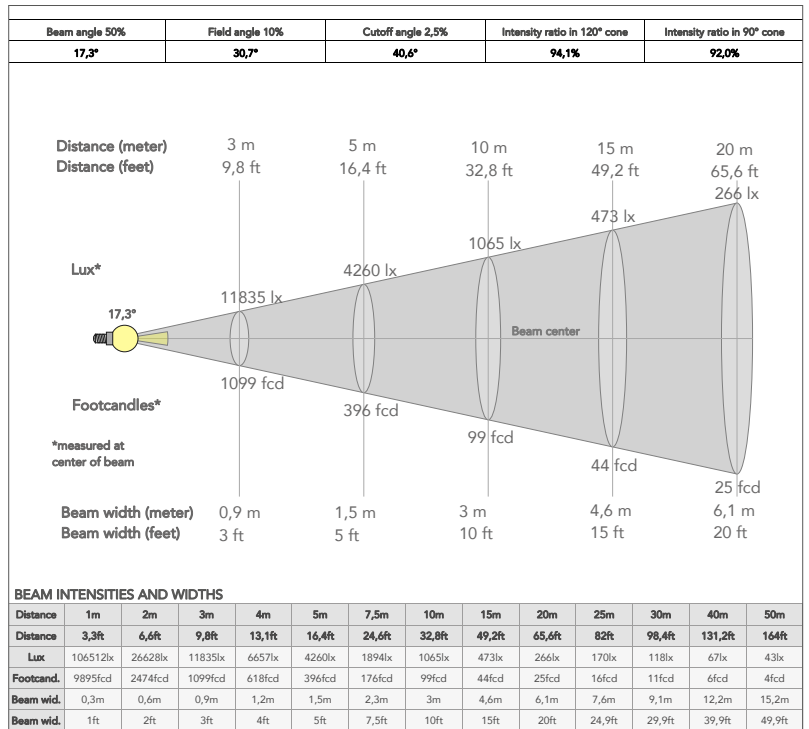
COLOUR PRESET FULL ON

Beam angle TU 15°

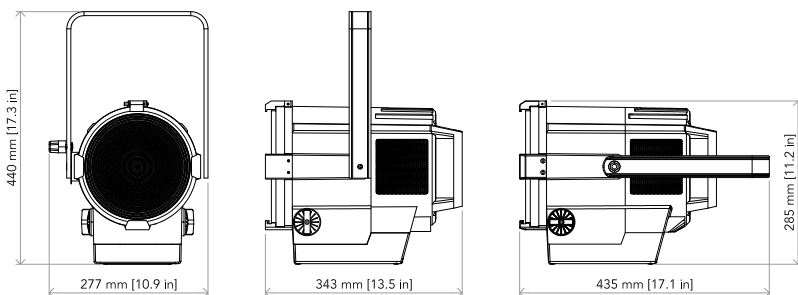


COLOUR PRESET FULL ON

Beam angle DY 15°



TECHICAL DRAWINGS



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