

EclipseFresnel TW



Full colour and Tunable White with colour correction LED Fresnel to replace 1000 W

ORDER CODE: **ECLIPSEFRESNELTW**



EclipseFresnel TW is an advanced LED replacement of traditional 1.000 W 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 260 W 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 **EclipseFresnel 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

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
- CRI: up to 91
- R9: up to 90
- Luminous flux: (15°) 4'653 lm - (45°) 7'896 lm
- Lux: (15°) 4'662 lx - (45°) 955 lx @3 m full
- Lux: (15°) 1'678 lx - (45°) 344 lx @5 m full
- Source life expectancy: > 50.000 h

OPTICS

- Zoom: 15° - 45° manual
- Field angle: 31° - 92°
- Lens diameter: 8" - 200 mm
- Lens type: Fresnel zoom lens
- Focus: manual

COLOUR SYSTEM

- Colour mixing: tunable white + colour
- CTC: CTC control through independent DMX channel, + / - green and magenta correction and amber shift activation by DMX
- White presets: 2.800 K - 10.000 K
- Colour wheel: virtual colour wheel with presets
- Macros: several pre-build macros with adjustable speed

DYNAMIC EFFECTS

- Static colour mode: selection of static colour
- Manual colour mode: manual adjustment of intensity, CT, colour correction from knob
- Auto mode: built-in programs with execution speed adjustment
- Special features: linear crossfade from a white to any color and CTO applied on colors

BODY

- Hardware on-board: included filter frame, 8 doors barndoor, omega bracket spigot
- Body: sturdy die-cast aluminium body conceived for long-time durability

- Body colour: black

CONTROL

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

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 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): 260 W
- Power consumption (at 120 V): 260 W
- Output (at 230 V): 11 units on a single power line
- Output (at 120 V): 6 units on a single power line
- Power factor: pF 0,99 @120 V - pF 0,93 @230 V

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

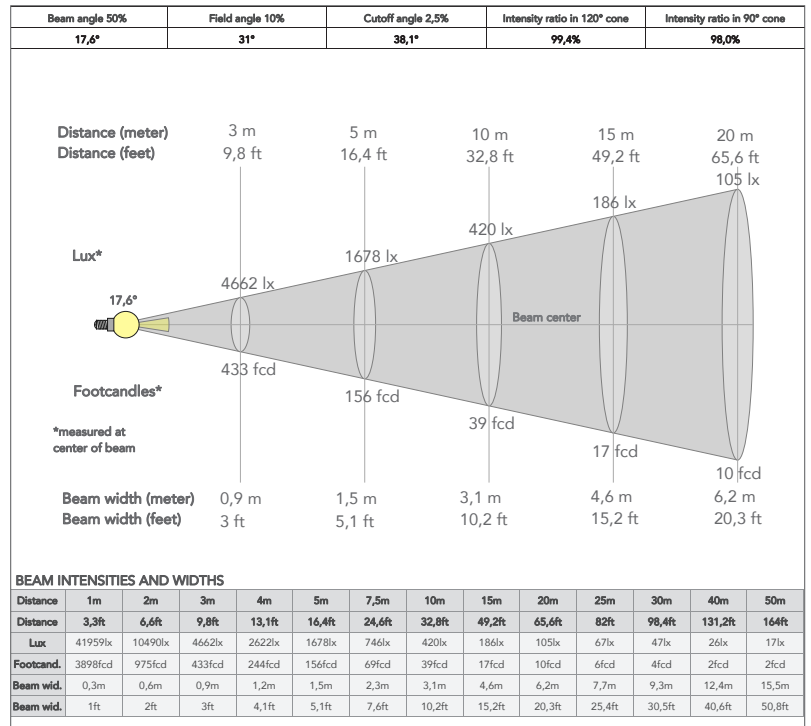
ACCESSORIES & RELATED PRODUCTS

- ECLFRSPG - spigot for PROLIGHTS Fresnel series (included)
- ECLIPSEFRSBD - Barn door with directional flaps to adjust the light beam (included)
- ECLIPSEFRSTPG - Filter frame for ECLIPSEFRESNEL series (included)

- FCLECLIPSEFRS - Flight case for 4x ECLIPSEFRESNEL
- UPBOX1 - Firmware uploader kit, USB IN, 3p XLR DMX OUT

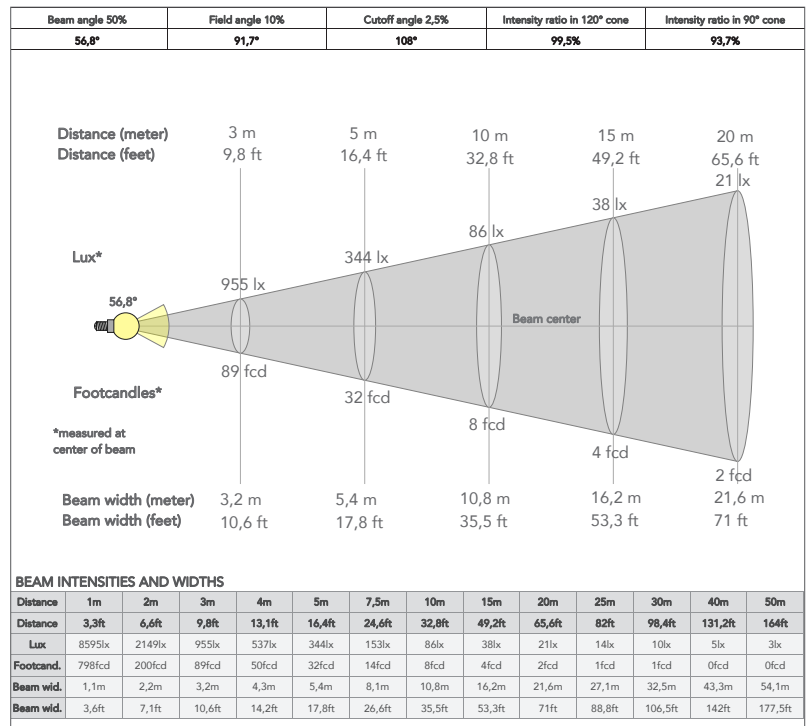
COLOUR PRESET FULL ON

Beam angle 15°

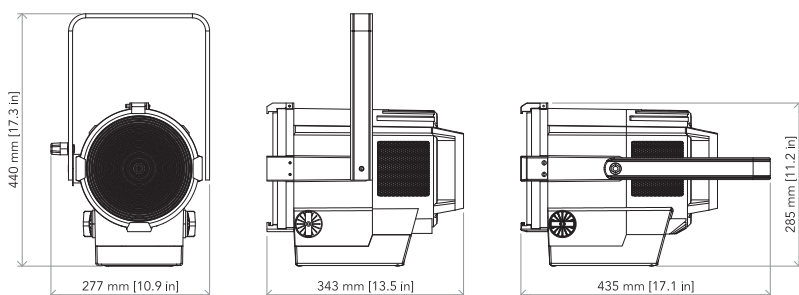


COLOUR PRESET FULL ON

Beam angle 45°



TECHICAL DRAWINGS



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