

EclipseFresnel JrTW

LED Fresnel FC and Tunable White with colour correction, to replace 650 W lamp

ORDER CODE: **ECLIPSEFRESNELJTW**



EclipseFresnel JrTW is an advanced LED replacement of traditional 650 W Fresnel lamps, featuring 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 130 W custom LED with 6 colours to create an even projection, beautiful colours and precise white, with added ability 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 with external battery capabilities, the **EclipseFresnel JrTW** 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
- Battery ready, compatible with industry standard external batteries (optional)

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 130 W 6 colour custom LEDs source (red, orange, cyan, royal blue, green, lime)
- CCT: 2.800 K - 10.000 K
- CRI: up to 93 Ra
- R9: up to 96
- Luminous flux: (15°) 1'610 lm - (51°) 2'952lm
- Lux: (15°) 1'970 lx - (51°) 402 lx @3 m
- Lux: (15°) 709 lx - (51°) 145 lx @5 m full
- Source life expectancy: > 50.000 h

OPTICS

- Zoom: 15° - 51° manual
- Field angle: 26,7° - 75,6°
- Lens diameter: 6" - 150 mm
- Lens type: fresnel zoom lens

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 colours

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
- Other: 16bit 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
- 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): 107 W
- Power consumption (at 120 V): 111 W
- Output (at 230 V): 23 units on a single power line
- Output (at 120 V): 12 units on a single power line
- Power factor: pF 0,99 @120 V - pF 0,95 @230 V

BATTERY

- Battery: 24 - 34 V 4400 mAh (optional) external battery
- Re-charge connection: XLR 4p

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): 235x360x260 mm
- Weight: 6 kg

ACCESSORIES & RELATED PRODUCTS

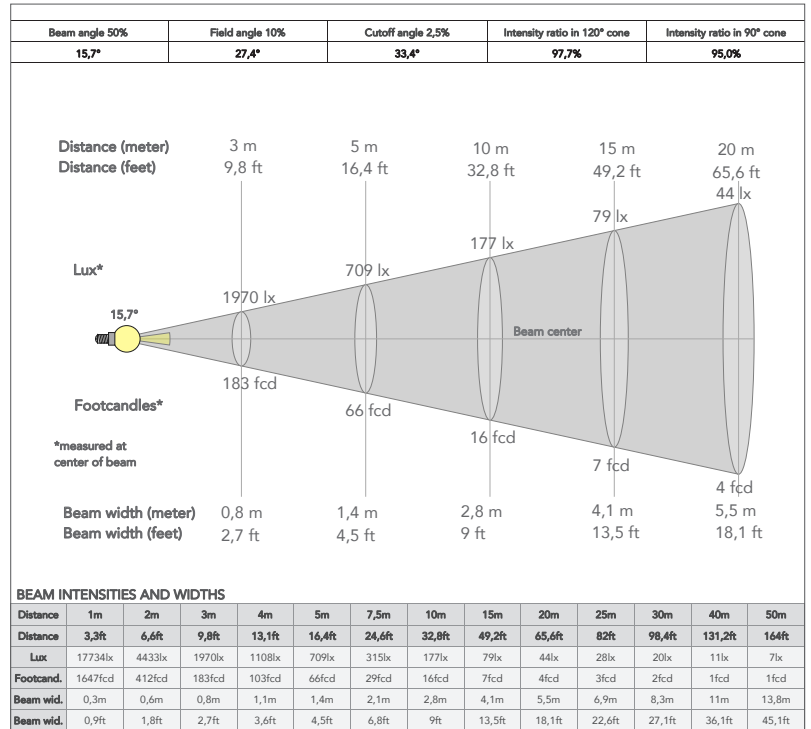
- ECLFRSPG: Spigot for PROLIGHTS Fresnel series (included)
- ECLIPSEFRSBD: Barn door with directional flaps to adjust the light beam

(included)

- ECLFRSJBPA: Battery pack kit for EclipseFresnelJ serie
- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

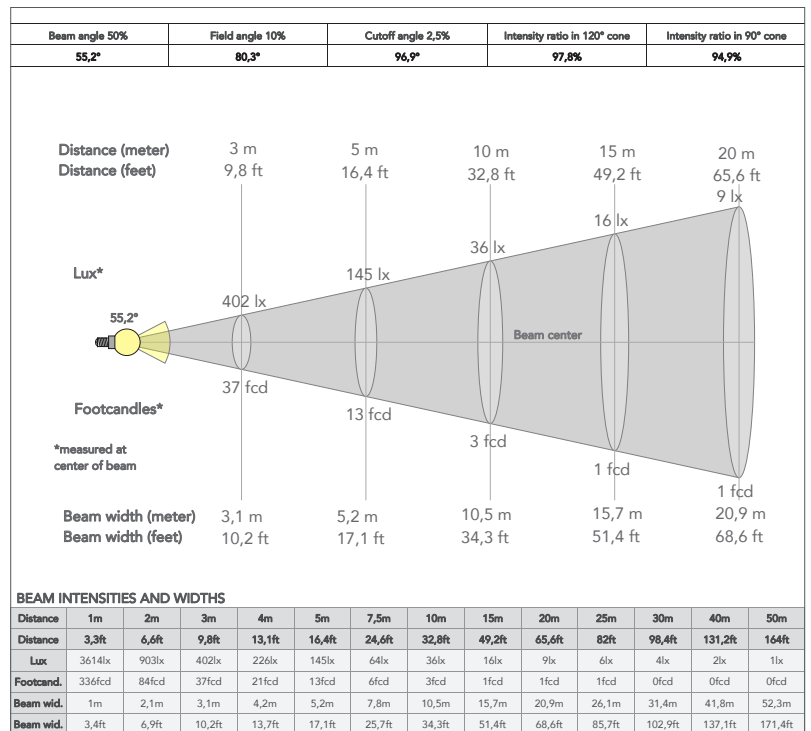
COLOUR PRESET FULL ON

Beam angle 15°

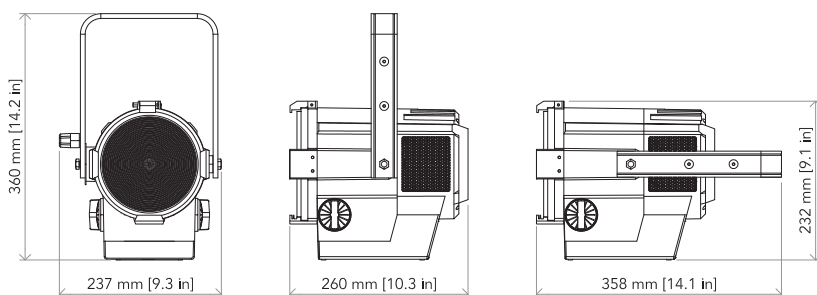


COLOUR PRESET FULL ON

Beam angle 51°



TECHICAL DRAWINGS



For more product info and downloads visit our website

