

EclFresnel JrPTW

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



EclFresnel JrPTW is an advanced LED replacement of traditional 650W 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 130W 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 **EclFresnel JrPTW** 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)

VERSIONS

| Code | Housing |
|-------------|---------|
| ECLFRJPTW | Black |
| ECLFRJPTWWH | White |

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
- Luminous flux: (16°) 1'610 lm - (80°) 2'952 lm @full
- Lux: (16°) 709 lx - (80°) 145 lx @5 m full
- CRI: 91 @3.200 K; 92 @5.600 K
- R9: 91 @3.200 K; 92 @5.600 K
- TLCI: 86 @5.600 K
- TM30 Rf: 88 @3.200 K; 86 @5.600 K
- TM30 Rg: 106 @3.200 K; 104 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Zoom: 16° - 80° manual
- Lens diameter: 6" - 150 mm
- Lens type: fresnel zoom lens

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
- Pan angle: 360° with manual regulation
- Tilt angle: 340° with manual regulation
- Body: sturdy die-cast aluminium body
- Body colour: black
- Other: Spigot 28 mm

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 |

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
- 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
- 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: 100 W
- Output (at 230V): 23 units on a single power line
- Power factor: >0,95

BATTERY

- Battery: 29,6 V 4400 mAh external battery (optional ECLFRSJBP4)
- Re-charge connection: connection for external battery through XLR 4p
- Other: Voltage range: 22,4V-33,6V

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): 298x496x260 mm
- Weight: 7,5 kg

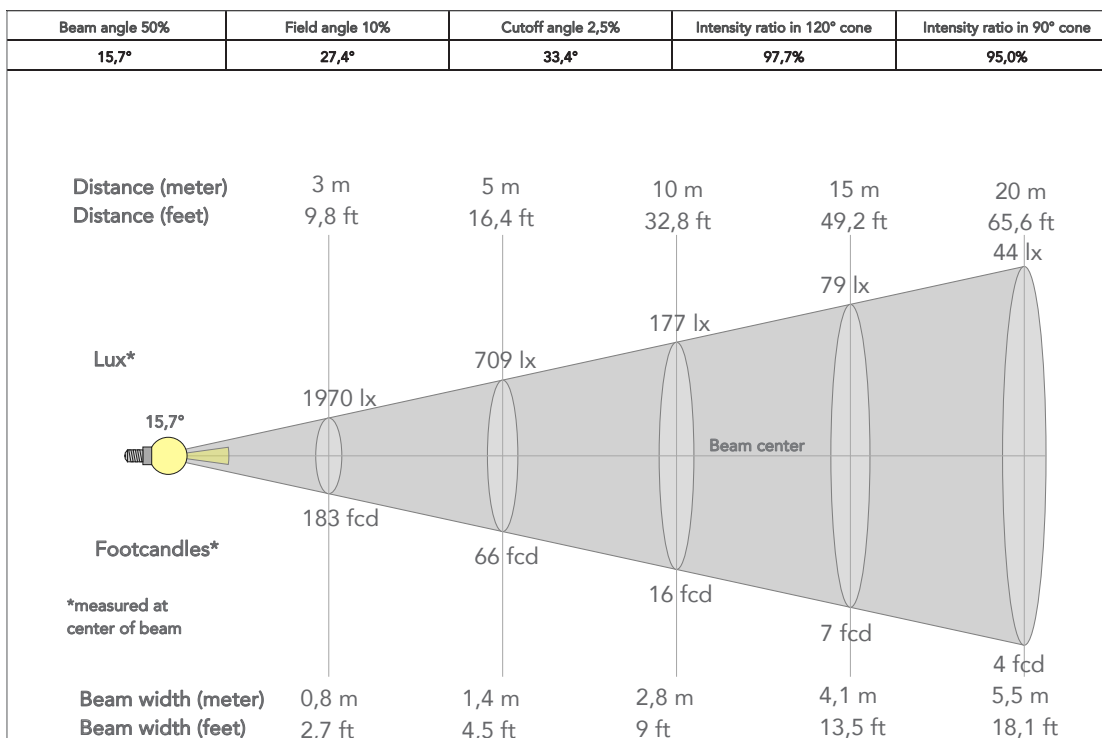
CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM

| | |
|----------------|---|
| • ECLFRSJBD | Black barn door 8 directional flaps to adjust the light beam |
| • ECLFRSJBP4 | Battery pack kit for EclFresnelJ series |
| • ECLFRSJTPG | Filter frame for ECLFRESNELJ series |
| • ECLFRSPG | Spigot for PROLiGHTS Fresnel series |
| • 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 |

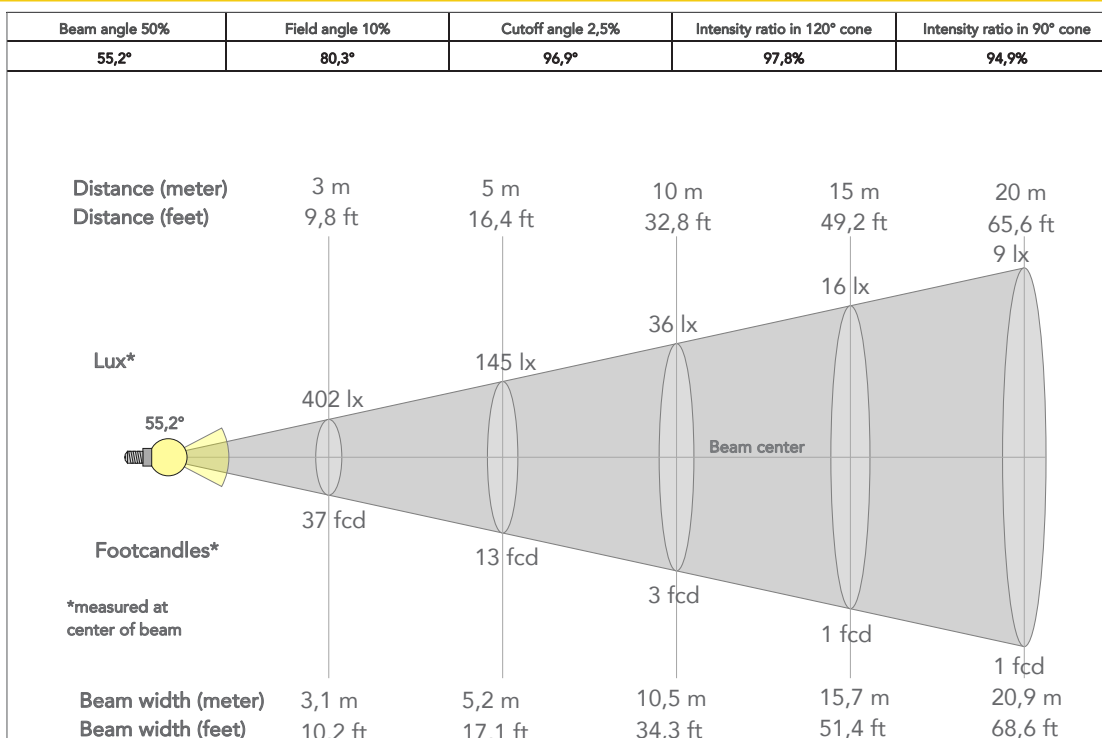
PRESET FULL ON

Beam angle 50%: 15,5°

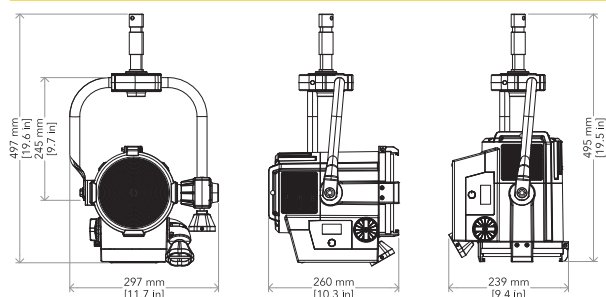


PRESET FULL ON

Beam angle 50%: 55°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

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tech documentations

