

# EclFresnel Jr

LED Fresnel with HB white source, to replace 650W lamp



**EclFresnel Jr** is the LED replacement for a standard tungsten 650 W Fresnel. Featuring the output characteristics of the traditional Fresnel, with beam control from functional barn doors and a powerful source that focuses on outstanding colour rendering. The **EclFresnel Jr** adds all the advantages of LED to the Fresnel.

## MAIN FEATURES

- TU (3.000 K) and DY (5.600 K) versions available both with HD dimming
- Fresnel lens options with 16° to 57° zoom range
- Silent operation for studio and stage use
- Battery ready, compatible with industry standard external batteries (optional)

## VERSIONS

Code	CCT	CRI	Housing
<b>ECLFRESNELJTU</b>	3.100 K	>97	Black
<b>ECLFRESNELJDY</b>	5.600 K	>90	Black
<b>ECLFRESNELJTUWH</b>	3.100 K	>97	White
<b>ECLFRESNELJDYWH</b>	5.600 K	>90	White

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 70W high-power white LED
- CCT: (TU) 3.000 K - (DY) 5.600K
- Luminous flux: (TU) (16°) 2'859 lm; (57°) 4'631lm @full
- Luminous flux: (DY) (16°) 3'656 lm ; (57°) 5'911 lm @ full
- Lux: TU (16°) 1'293 lx - TU (57°) 205lx @5 m full
- Lux: DY (16°) 1'624 lx - (57°) 254lx @5 m full
- CRI: (TU) >97; (DY) >90
- R9: (TU) >95; (DY) >53
- TLCI: (TU) >97; (DY) >92
- TM30 Rf: (TU) >94; (DY) >88
- TM30 Rg: (TU) <103; (DY) >97
- Source life expectancy: > 50.000 h

### OPTICS

- Zoom: 16° - 57° half peak angle
- Lens diameter: 6" - 150mm
- Lens type: fresnel zoom lens

### DYNAMIC EFFECTS

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

### BODY

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

### CONTROL

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

- 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: 0 ~ 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: 90W
- Output (at 230V): 23 units on a single power line
- Power factor: >0,95

### BATTERY

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

### PHYSICAL

- IP rating: 20
- Cooling: active, silent operation
- 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): 235x360x260 mm - (for pole operated version) 298x496x260mm
- Weight: 6kg

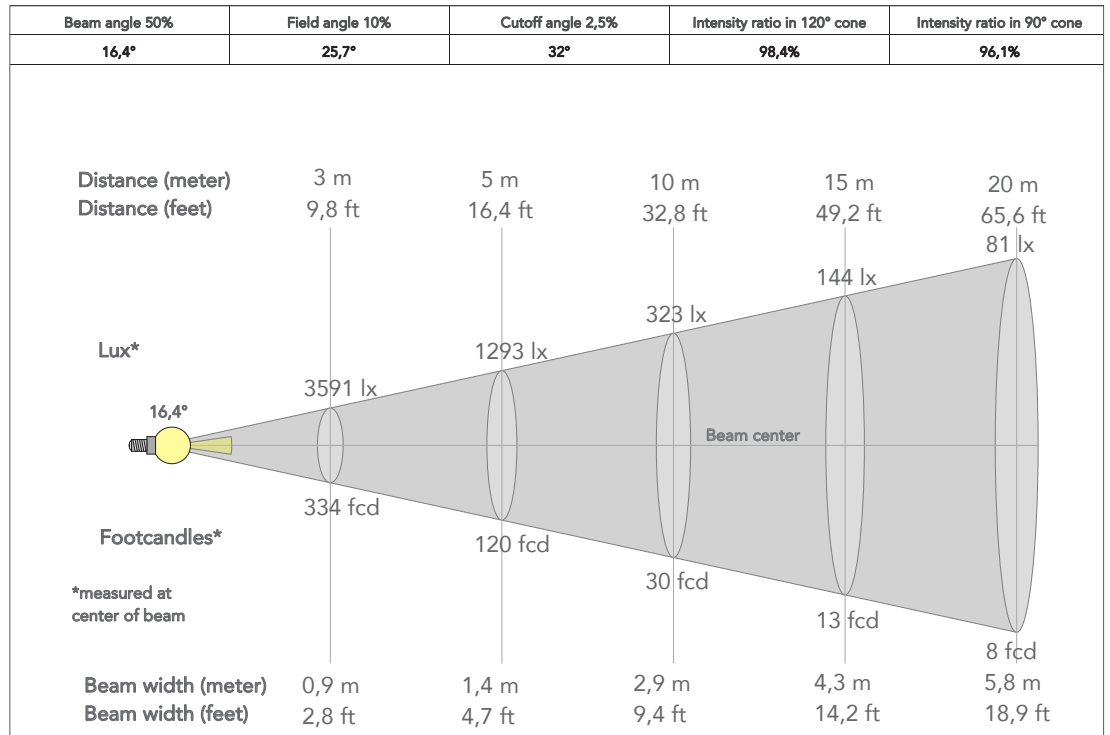
## ACCESSORIES & RELATED PRODUCTS

- 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

- ECLFRSJBDB Black barn door 8 directional flaps to adjust the light beam
- ECLFRSJBPA Battery pack kit for EclFresnelJr series
- ECLFRSJTPG Filter frame for ECLFRESNELJr 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. CANS5MXX XLR 5p->CANS5FX XLR (f) 5p, L.3m
- UPBOX1U Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

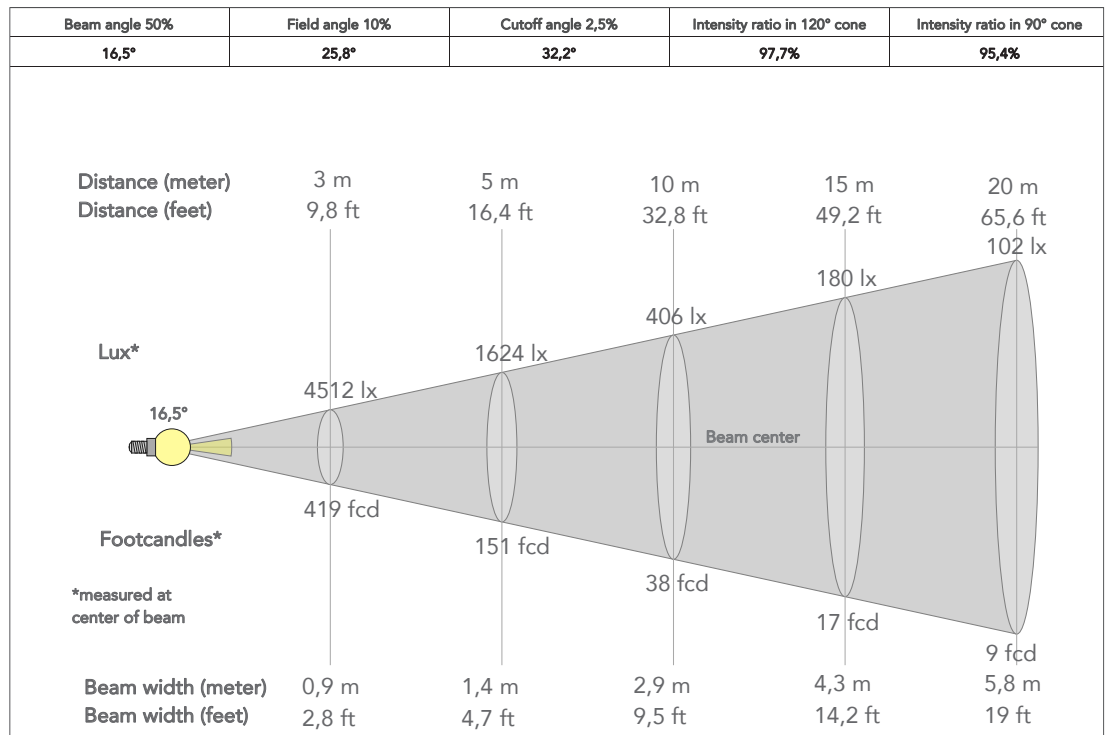
**(TU) PRESET FULL ON**

Beam angle 50%: 16°

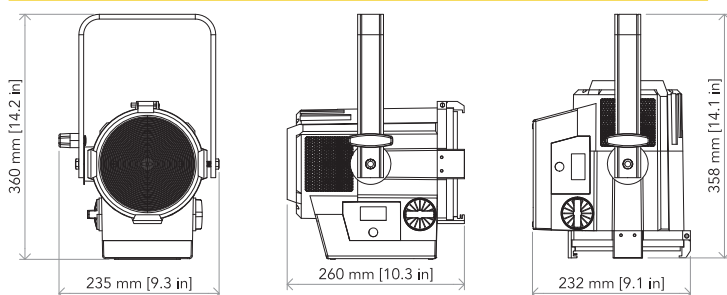


**(DY) PRESET FULL ON**

Beam angle 50%: 16°



**TECHNICAL DRAWINGS**



For more product info and downloads visit our website

