

EclFresnel JrPO

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



EclFresnel JrPO 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 JrPO** adds all the advantages of LED to the Fresnel.

MAIN FEATURES

- TU (3.100 K) and DY (5.600 K) versions available both with HD dimming
- Fresnel lens options with 15° to 51° zoom range
- Silent operation for studio and stage use
- Battery ready, compatible with industry standard external batteries (optional)

VERSIONS

Code	CT	CRI	Lumen
ECLFRJPTU	3.000 K	up to 97 Ra	4'631 lm
ECLFRJPDY	5.600 K	up to 90 Ra	5'911 lm

TECHNICAL SPECIFICATION

LIGHT SOURCE

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

OPTICS

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

DYNAMIC EFFECTS

- Static colour mode: selection of static colour
- 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: 360° with manual regulation
- Tilt angle: 340° with manual regulation
- Body: sturdy die-cast aluminium body conceived for long-time durability
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, local knob
- DMX channels: 1 / 2 - 1 / 2 - 2 / 3 / 5channel
- 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: 0 ~ 30 Hz, electronic
- Operating temperature: -10° ~ +45°
- Flicker: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240 V – 50/60 Hz
- Max power consumption: 90W
- Output (at 230 V): 23 units on a single power line
- Power factor: >0,95

BATTERY

- Battery: 29,6V 4400 mAh external battery (optional ECLFRSJB4)
- Re-charge connection: connection for external battery through XLR 4p
- Other: Voltage range: 22,4V-33,6V

PHYSICAL

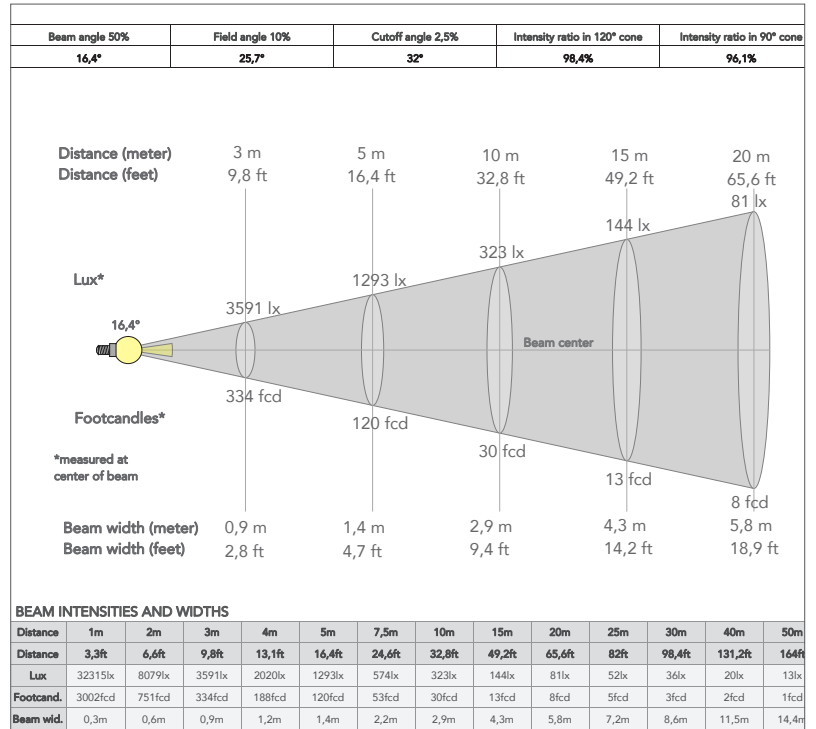
- Cooling: forced air with low noise fan
- Suspension and fixing: hanging bracket suitable for safe hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 298x496x260mm
- Weight: 6kg

ACCESSORIES & RELATED PRODUCTS

- ECLFRSJBD Black barn door 8 directional flaps to adjust the light beam
- ECLFRSJB4 Battery pack kit for EclFresnelJ serie
- ECLFRSPG Spigot for PROLIGHTS Fresnel series
- UPBOX1U Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

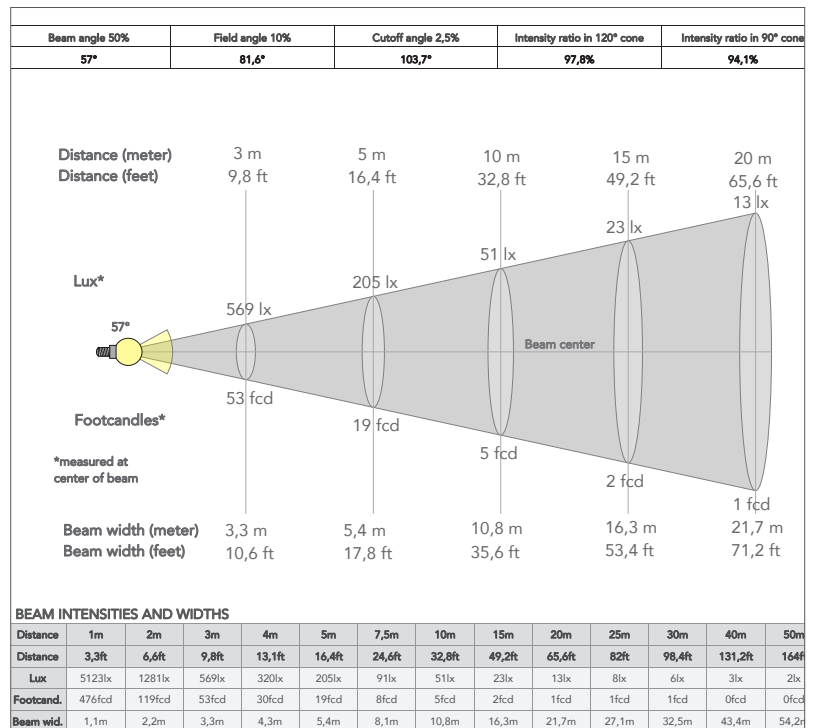
COLOUR PRESET FULL ON

Beam angle TU 16°

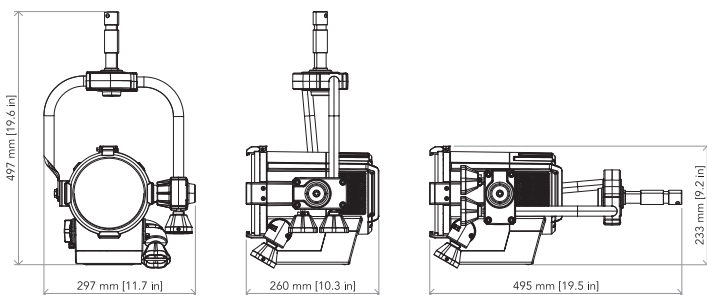


COLOUR PRESET FULL ON

Beam angle TU 57°



TECHICAL DRAWINGS

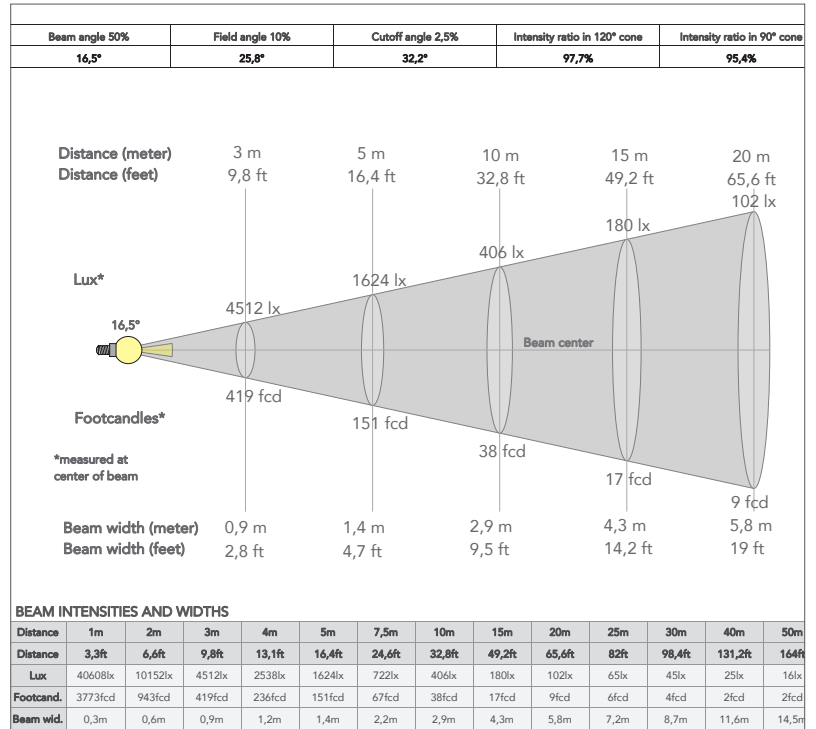


For more product info and downloads visit our website



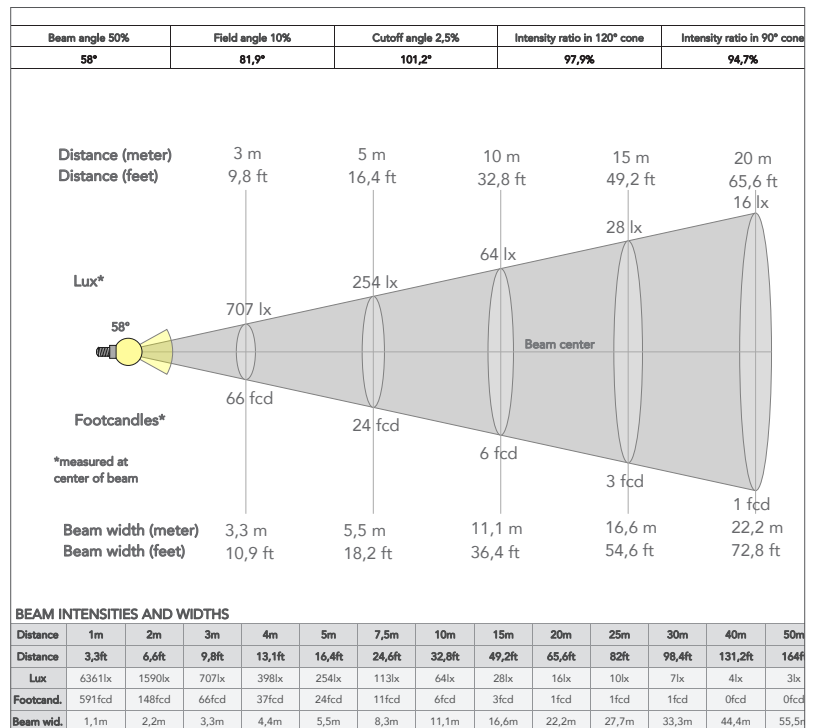
COLOUR PRESET FULL ON

Beam angle DY 16°

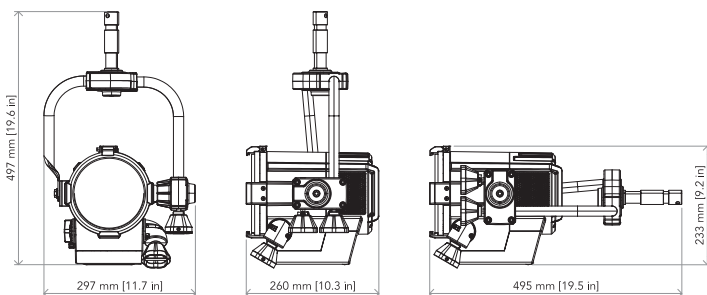


COLOUR PRESET FULL ON

Beam angle DY 58°



TECHICAL DRAWINGS



For more product info and downloads visit our website

