

# EclFresnel 2KVW

500W Variable White LED Fresnel (2,700K - 5,600K), with manual zoom 15° - 79,5°



The **EclFresnel 2KVW** is a powerful LED Fresnel lamp, designed as a replacement for a 2,000W fixture, with a bright and high-quality variable-white light, from 2,700K to 5,600K, using a 500W LED source. This is the perfect luminaire for those applications requiring high-quality white rendering, such as in TV studios, galleries, and virtual productions, with high CRI (>96), TLCI (>96), TM-30 and R9. The **EclFresnel 2KVW** has a manual zoom range from 15° to 79,5°, with precise focusing, and an 8-leaf barndoor (included). This fixture has an intuitive user interface with rotatory knobs. It also has stand-alone settings, PowerCon True in & through connections and XLR in & through, offering an incredible user experience and easy setup.

## MAIN FEATURES

- Linear white CCT, from 2,700K to 5,600K
- 500W Variable White LED with CRI >96; TLCI >96; high TM-30 and R9
- Barndoor, 28 mm spigot and filter frame included

## VERSIONS

Code	Housing	Pole Operated
<b>ECLFR2KVWBK</b>	Black	NO
<b>ECLFR2KVWBKPO</b>	Black	YES
<b>ECLFR2KVWWH</b>	White	NO
<b>ECLFR2KVWWHPO</b>	White	YES

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 500 W Variable White LED
- CCT: 2.700 K - 5.600 K
- Luminous flux: (15°) 12'196 lm - (79,5°) 19'711 lm @full
- Lux: (15°) 6'782 lx - (79,5°) 1'118 lx @5 m full
- CRI: 94 @WW; 96 @CW; 92 @full
- R9: 90 @WW; 88 @CW; 73 @full
- TLCI: 97 @WW; 99 @CW; 98 @full
- TM30 Rf: >94 @WW; >94 @CW; >93 @full
- TM30 Rg: <103 @WW; <103 @CW; <104 @full
- Source life expectancy: > 50.000 h

### OPTICS

- Zoom: 15° - 79,5° manual
- Lens diameter: 9,84" - 250 mm
- Lens type: fresnel zoom lens

### COLOUR SYSTEM

- Colour mixing: tunable white
- CCT: CCT control through dedicated DMX channel
- White presets: 2.700 K - 5.600 K
- Colour wheel: built-in white presets

### DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Static mode: selection of static dimmer and color temperature
- Manual mode: manual adjustment of intensity and CT from knob
- Auto mode: built-in programs with execution speed adjustment

### BODY

- Hardware on-board: filter frame, 8 doors barndoor, spigot
- Pan angle: (for pole operated version) 360° with manual regulation
- Tilt angle: (for pole operated version) 180° with manual regulation
- Body: sturdy die-cast aluminium body
- Body colour: RAL 9004 or RAL 9003

## 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
▪ FCLECLFR2K	Flight case for 3 pcs of ECLFR2K
▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black

### CONTROL

- Protocols: DMX512, RDM
- Stand Alone: 3 rotatory knobs
- DMX channels: 1 / 2 / 4 / 5 / 11 channel
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included

### ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -20° ~ +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: 450 W
- Output (at 230V): 5 units on a single power line
- Power factor: > 0,95

### 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): 421x537x456 mm
- Dimensions with PO system (WxHxD): 401x576x456 mm
- Weight: 17,2 kg
- Weight with PO system: 18 kg

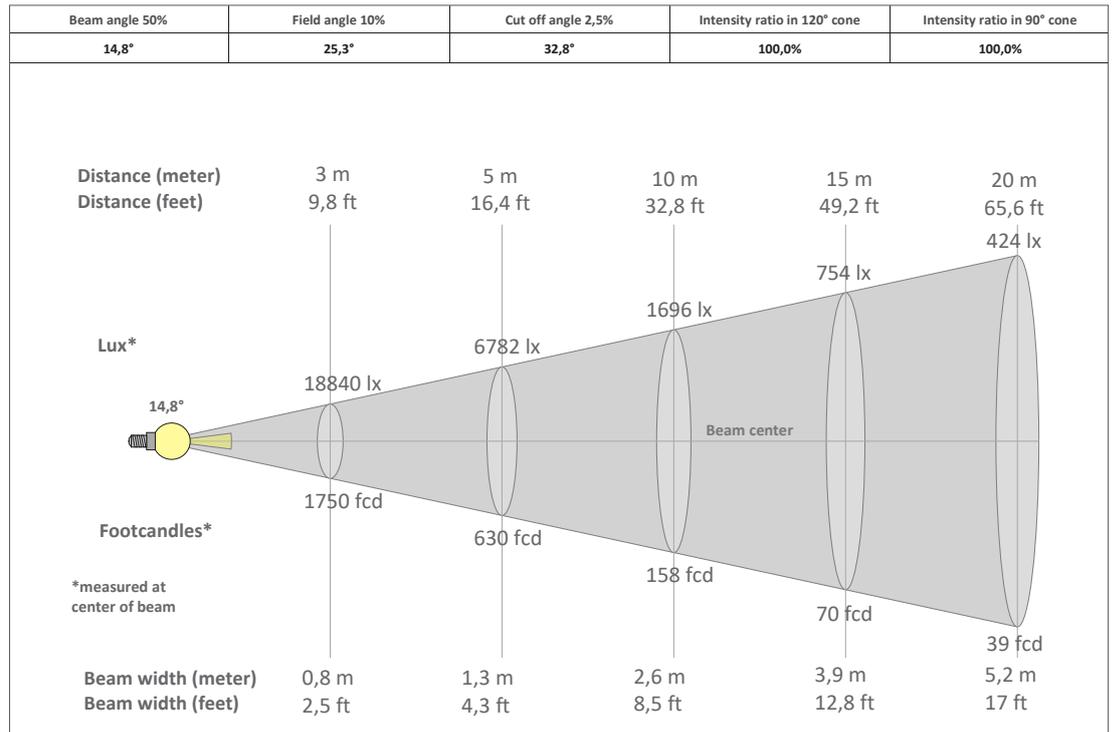
### CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM

▪ TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
▪ ECLFR2KBD	Barn door with directional flaps to adjust the light beam
▪ ECLFR2KTPG	Gel filter frame for ECLFR2K projectors
▪ ECLFRSPG	Spigot for PROLIGHTS fixtures
▪ ECLFR2KBDWH	Barn door with directional flaps for white housing fixtures
▪ EFSBUFDS	SNAPBAG - Universal SMALL DEEPER for BARNDOORS
▪ SPGM10	28mm spigot for fixtures, M10 bolt
▪ SPGM12	28mm spigot for fixtures, M12 bolt
▪ UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

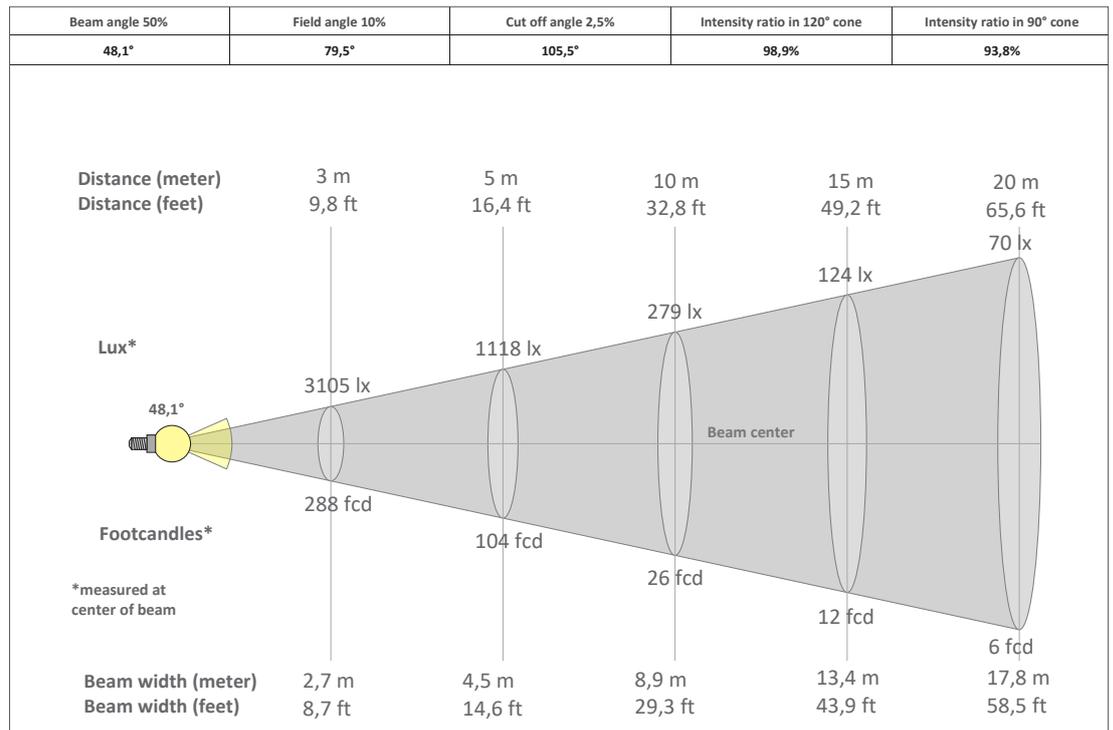
### PRESET FULL ON

Beam angle 50%: 15°

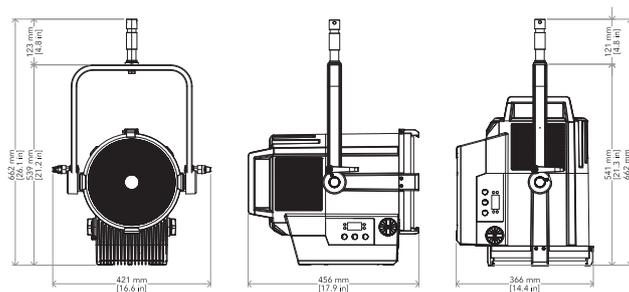


### PRESET FULL ON

Beam angle 50%: 79,5°



### TECHICAL DRAWINGS



### CERTIFICATIONS / APPROVALS



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