

EclFresnel 2K

LED Fresnel with HB white source, to replace 2.000 W lamp



EclFresnel 2K is the LED replacement for a standard tungsten 2.000 W Fresnel. Featuring the output characteristics of a traditional Fresnel but with beam control, functional barn doors and a power source that focuses on outstanding colour rendition. The **EclFresnel 2K** adds all the advantages of LED to the Fresnel.

MAIN FEATURES

- TU (3.200 K) and DY (5.600 K) versions available both with HD dimming
- Fresnel lens with 15° to 45° zoom range
- Silent operation for studio and stage use

VERSIONS

Code	CT	CRI	Lumen
ECLFR2KTU	3.200 K	up to 95 Ra	26'126 lm
ECLFR2KDY	5.600 K	up to 91 Ra	32'428 lm
ECLFR2KPTU	3.200 K	up to 95 Ra	26'126 lm
ECLFR2KPDY	5.600 K	up to 91 Ra	32'428 lm

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 507 W high-power white LED
- CCT: (TU) 3.200 K - (DY) 5.600K
- CRI: (TU) up to 95 Ra - (DY) up to 91 Ra
- R9: (TU) up to 74 - (DY) up to 82
- Luminous flux: (TU) (45°) 26'126 lm (15°) 20'256 lm - (DY) (45°) 32'428 lm (15°) 26'255 lm @Full
- Lux: (TU) (15°) 25'131 lx - (45°) 4'918 lx - (DY) (15°) 33'264 lx - (45°) 6'406 lx @3 m full
- Lux: (TU) - (15°) 9'047 lx - (45°) 1'770 lx - (DY) (15°) 11'975 lx - (45°) 2'306 lx @5 m full
- Source life expectancy: > 50.000 h
- Other: TM30-15RG/RF: (TU - 15°) 94 / 103 - (TU - 45°) 93 / 104 - (DY - 15°) 90 / 102 - (DY - 45°) 88 / 104 - TLCl: (TU - 15°) 94,8 - (TU - 45°) 94,4 - (DY - 15°) 94 - (DY - 45°) 93,6

OPTICS

- Zoom: 15° - 45° manual
- Lens diameter: 250 mm
- Lens type: Fresnel zoom lens
- Other: spigot, barn door and gel frame included

COLOUR SYSTEM

- Colour mixing: warm white
- Macros: several pre-build macros with adjustable speed

DYNAMIC EFFECTS

- Static colour mode: selection of static dimmer
- 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: (for pole operated version) 360° infinite
- Tilt angle: (for pole operated version) 150°
- Body: sturdy die-cast aluminium body conceived for long-time durability
- Body colour: black
- Other: pan / tilt infinite for pole operated version

ACCESSORIES & RELATED PRODUCTS

- ECLFR2KTPG: Gel filter frame for ECLFR2K projectors (included)
- ECLFRSPG: Spigot for PROLIGHTS Fresnel series (included)

CONTROL

- Protocols: DMX512, RDM, local knob
- DMX channels: 1 / 2 - 1 / 2 - 2 / 3 / 5 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
- Master/Slave: for synchronized operation of more units linked in a chain
- Other: 16bit control of dimmer

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: different dimming curves available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -10° ~ +45°
- Flicker: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Power consumption: 550 W
- Power supply: 100-240 V - 50/60 Hz
- Power consumption (at 230 V): 466 W
- Power consumption (at 120 V): 469 W
- Output (at 230 V): 4 units on a single power line
- Output (at 120 V): 2 units on a single power line
- Power factor: pF 0,96 @230 V - pF 0,99 @120 V

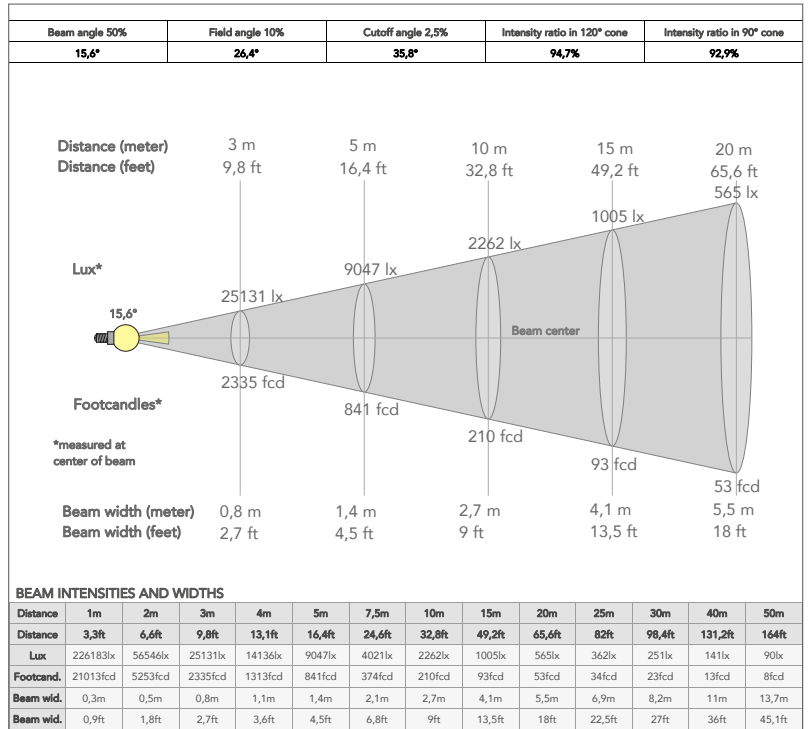
PHYSICAL

- 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): 421x537x456 mm - 401x576x546 mm
- Weight: 17,2 kg

- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

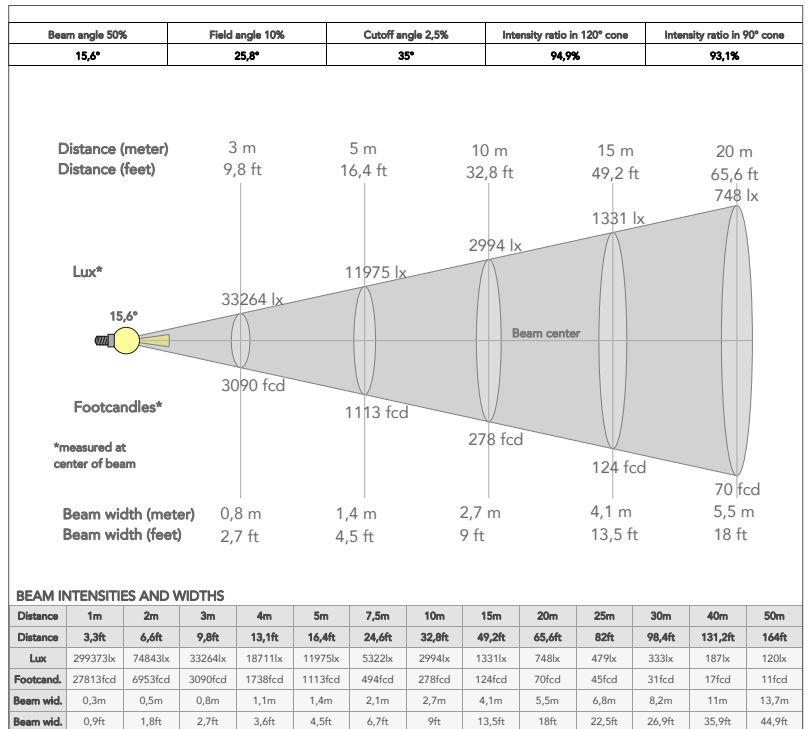
COLOUR PRESET FULL ON

Beam angle TU 15°

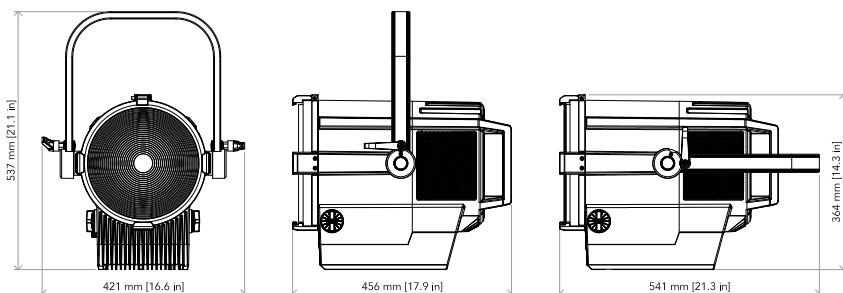


COLOUR PRESET FULL ON

Beam angle DY 15°



TECHICAL DRAWINGS



For more product info and downloads visit our website

