

EclFresnel VW

250W Variable White LED Fresnel (2,700K - 5,600K), with manual zoom 17° - 64°



The EclFresnel VW is a powerful LED Fresnel lamp, designed as a replacement for a 1,000W fixture, with a bright and high-quality variable-white light, from 2,700K to 5,600K, using a 250W 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 VW has a manual zoom range from 17° to 64°, with precise focusing, and an 8-leaf barn door (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
- 250W Variable White LED with CRI >96; TLCI >96; high TM-30 and R9
- Barn door, 28 mm spigot and filter frame included

VERSIONS

Code	Housing	Pole Operated
ECLFRESNELVWBK	Black	NO
ECLFRESNELVWPOBK	Black	YES
ECLFRESNELVWWH	White	NO
ECLFRESNELVWPOWH	White	YES

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 250W Variable White LED
- Source CCT: variable white source (2700-5600 K)
- Luminous flux: (17°) 8'693 lm - (64°) 10'955 @Full
- Lux: (17°) 9'492 lx - (64°) 2'557lx @3 m full
- CRI: 95,5 @WW; 95,5 @CW; 94,2 @full
- R9: 97,7 @WW; 93,2 @CW; 81,8 @full
- TLCI: 97 @WW; 98 @CW; 98 @full
- TM30 Rf: >94 @WW; >92 @CW; >93 @full
- TM30 Rg: >103 @WW; >103 @CW; >104 @full
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom range: 17° - 64° manual
- Lens diameter: 200mm / 8"
- Lens type: fresnel zoom lens

COLOUR SYSTEM

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

DYNAMIC EFFECTS

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

CONTROL

- Supported Protocols: DMX512, RDM
- DMX channels: 1 / 2 / 4 / 5 / 11ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Stand Alone: 3 rotatory knobs

MOVEMENT

- Pan: (for pole operated version) 360° with manual regulation

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
- TOUR53415L03 Dmx cable HC5340. CANCE5MXX XLR 5p->CANCE5FXX XLR (f) 5p, L.3m
- RSR0630B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black

- Tilt: (for pole operated version) 340° with manual adjustment

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Selectable PWM: 600 to 25000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: Amphenol XLR 5p IN/OUT connectors

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 240W
- Output (at 230V): 17 units on a single power line
- Standby power: 32,5 W
- Power factor: > 0,93

PHYSICAL

- IP rating: IP20
- Cooling: heat pipe with low-noise fan
- Housing: Sturdy die-cast aluminium body
- Finish: black (RAL 9004) or white (RAL 9010)
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 283x440x343mm / 11.14"x17.32"x13.5"
- Dimensions with PO system (WxHxD): 341x545x343mm / 13.43"x21.46"x13.5"
- Weight: 7,8kg / 17.2lbs
- Weight with PO system: 10kg / 22.05lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and floor positioning
- Hardware on-board: filter frame, 8-leaf barn door and spigot

CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM

- C6040B Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
- ECLFRSPG Spigot for PROLIGHTS fixtures
- ECLFRSBD Barn door with directional flaps to adjust the light beam
- FCLECLFRS Flight case for 4x ECLFRESNEL
- ECLFRSTPG Filter frame for ECLFRESNEL series
- EFSBUFDS SNAPBAG - Universal SMALL DEEPER for BARNDORS
- SPGM10 28mm spigot for fixtures, M10 bolt
- SPGM12 28mm spigot for fixtures, M12 bolt
- UPBOXPRO Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

