EclMiniFresnel VW

60W Variable White LED Mini Fresnel (2,700K - 5,600K), with manual zoom 21° - 83°

ORDER CODE: **MINIECLFRVW**

The **EclMiniFresnel** VW is an ultra-compact LED Fresnel lamp, designed as a replacement for a 300W fixture, with a bright and high-quality variable-white light, from 2,700K to 5,600K, using a 60W 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 **EclMiniFresnel** VW has a manual zoom range from 21° to 83°, with precise focusing, and barndoors (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
- 60W Variable White LED with CRI >96; TLCI >96; high TM-30 and R9
- Barndoor and filter frame included

VERSIONS

Code	Housing
MINIECLFRVWBK	Black
MINIECLFRVWWH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source:60 W Variable White LED
- CCT:2.700 K - 5.600
- Luminous flux:(21°) 877 lm - (83°) 2’320 lm @full
- Lux:(21°) 630 lx - (83°) 238 lx @3 m
- CRI:96 @WW; 95 @CW; 95 @full
- R9:91 @WW; 88 @CW; 86 @full
- TLCI:95 @WW; 98 @CW; 97 @full
- TM30 Rf:> 94 @WW; >93 @CW; > 94 @full
- TM30 Rg:< 103 @WW; < 104 @CW; < 104 @full
- Source life expectancy: > 50.000 h

OPTICS

- Zoom:21° - 83 ° manual
- Lens diameter:3,93” - 100 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, 4 doors barndoor, spigot
- Body: sturdy die-cast aluminium body
- Body colour: RAL 9004 or RAL 9003

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:55 W
- Power factor:> 0,52

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):191x281x203 mm
- Weight:2,5 kg

CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM

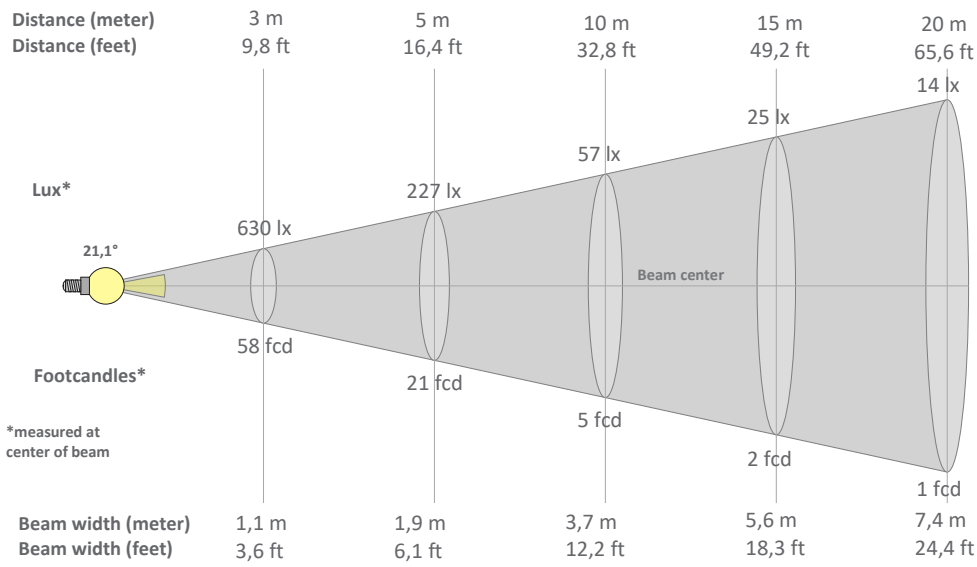
ACCESSORIES & RELATED PRODUCTS

C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
ECLFRSPG	Spigot for PROLIGHTS fixtures
MINIECLFRBD	Black barn door 4 directional flaps to adjust the light beam
MINIECLFRTPG	Filter frame for MINIECLFR series
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%: 20°

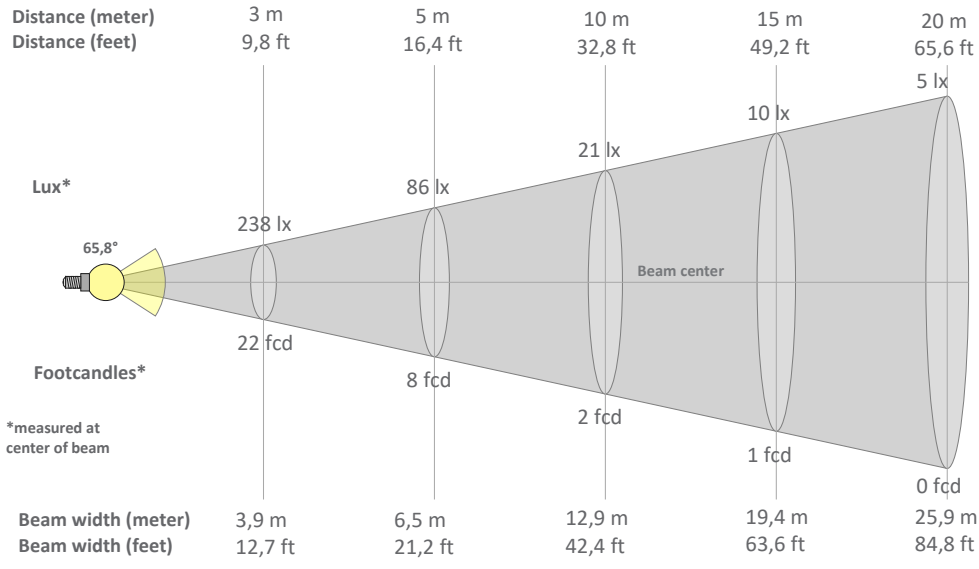
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
21,1°	35,2°	53,8°	100,0%	99,5%



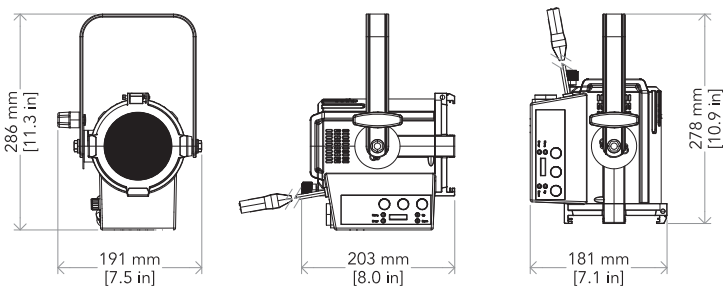
PRESET FULL ON

Beam angle 50%: 65°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
65,8°	83,3°	105,9°	99,8%	96,6%



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website
for specifications and
tech documentations

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