

EclExpo Flood150VW

150W asymmetric LED floodlight, with Variable White CCT 2,700K - 6,500K



The **EclExpo Flood150** is a compact, bright, and versatile floodlight that is designed to be a substitute for traditional CDM, HMI, and tungsten small floods in tradeshows, theaters, or as a work light. Just like its classic predecessors, but with a custom LED source, this unit features a linear light source combined with a reflector, which ensures a wide coverage of 100° (Horizontal) x 60° (Vertical) of indirect light emission.

The **EclExpo Flood150** is available in two source variants:

- FC, which utilizes RGB+WarmWhite calibrated LED with high Color Rendering.

- VW, which uses a bi-color Vari White LED source with a CCT range of 2,700K-6,500K.

This unit is incredibly user-friendly, offering immediate stand-alone access through the knobs or through wired DMX/RDM or Wireless CRM (optional). Timeless Elegance meets Green Innovation: The **EclExpo Flood150** - Where Classic Beauty Embraces Modern Technology

MAIN FEATURES

- 150W Variable White LED source, from 2,700K to 6,500K
- Asymmetric beam angle of 100° (horizontal) x 60° (vertical)
- Xlr5p in/through for DMX/RDM control and communication, optional W-DMX + CRMX, Stand-Alone mode through two rotatory knobs

VERSIONS

Code	Housing
ECLEXPFL150VWBK	Black

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 150 W Variable White LED
- CCT: 2.700 K - 6.500 K
- Luminous flux: @2.700K 6'956 lm; @6.500K 9'733 lm; @full 8'598 lm
- Lux: @2.700K 72 lx; @6.500K 99 lx; @full 91 lx @5 m
- CRI: 95,1 @2.700 K; 95,3 @6.500 K; 94,4 @full
- R9: 95 @2.700 K; 88,4 @6.500 K; 80,7 @full
- TLCI: 97 @2.700 K; 96 @6.500 K; 98 @full
- TM30 Rf: > 94 @2.700 K; > 90 @6.500 K; > 92 @full
- TM30 Rg: < 101 @2.700 K; < 99 @6.500 K; < 102 @full
- Source life expectancy: > 20.000 h

OPTICS

- Optics: asymmetrical beam reflector in pure aluminium 99,6%
- Beam angle: (H) 100° x (V) 60°

COLOUR SYSTEM

- Colour mixing: tunable white
- CCT: CCT control through dedicated DMX channel
- White presets: 2.700 K - 6.500 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

- Body: sturdy die-cast magnesium body
- Body colour: RAL 9004
- Other: see available accessories

CONTROL

- Protocols: DMX512, RDM, CRMX + WDMX
- Stand Alone: 2 rotatory knobs
- DMX channels: 1 / 2 / 3 / 5 / 11 channel
- Wireless Control: optional, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -10° ~ +45°
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 170 W
- Output (at 230V): 7 units on a single power line
- Power factor: > 0,99

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: Seetronic powerCON TRUE IP65 IN/OUT
- Dimensions (WxHxD): 283x273x176 mm
- Weight: 4,2 kg

CERTIFICATIONS / APPROVALS

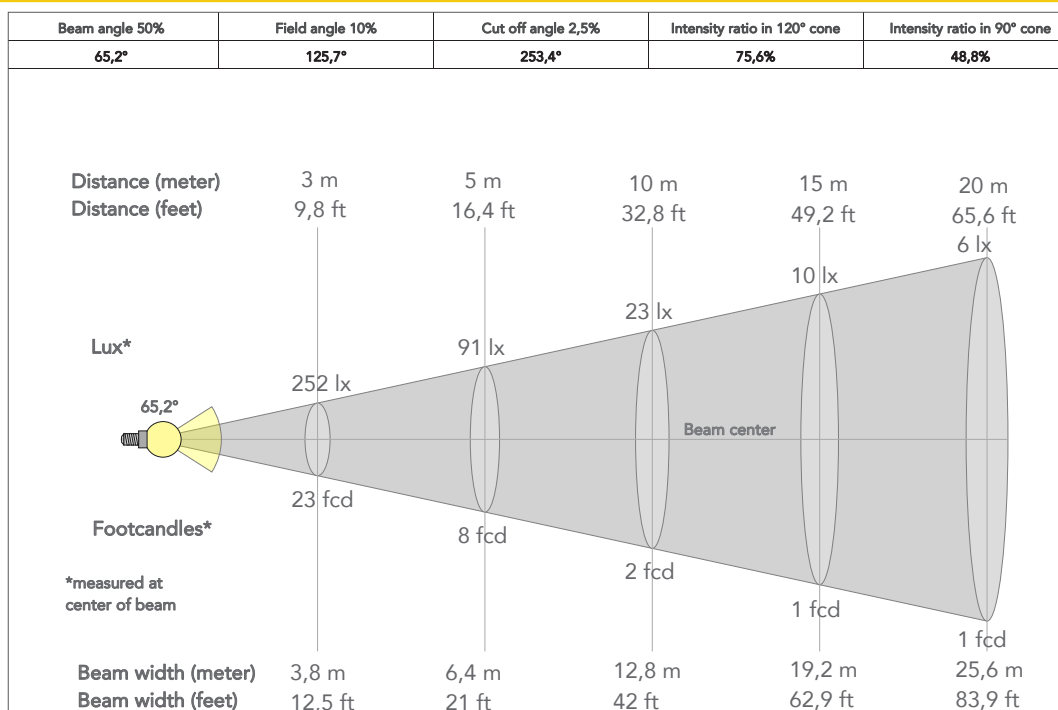
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

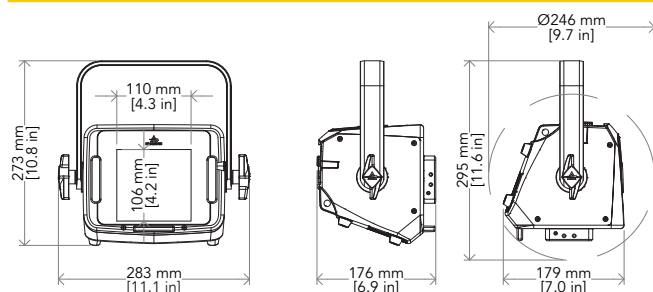
- FCLEXPOFL150 Flight case for 6 pcs of ECLEXPOFL150 series
- ECLEXPOFL150FFBK/WH Filter frame for ECLEXPOFL150, black/white finishing
- ECLEXPOFL150BDBK/WH Barndoor for ECLEXPOFL150, black/white finishing
- ECLEXPOFL150WKK/WH CRMX Timo Fx kit for ECLEXPOFL150, black/white finishing
- SPGM10 28mm spigot for fixtures, M10 bolt
- SPGM12 28mm spigot for fixtures, M12 bolt
- UPBOX1UP5 Firmware uploader kit, USB IN, 5pin XLR DMX OUT, USB OUT
- RSR0630B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- 9533FXWL03 Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3 m
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- 9513FXWL03 Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
- 958225L03 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
- TOUR53415L03 Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
- LRLUNA Single Universe DMX transceiver with Bluetooth

PRESET FULL ON

Beam angle 50%: 65,2°



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website for specifications and tech documentations

