EclExpo Flood150VW

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

ORDER CODE: **ECLEXPOFL150VWBK**

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 rotary knobs

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 150W 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
- Lux: @2.700K 72 lx; @6.500K 99 lx; @full 91lx @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 - 6.500K
- 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
- Stand Alone: 2 rotary knobs
- DMX channels: 1 / 2 / 3 / 5 / 11channel

- 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 (UPBOXPRO/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: 175W
- Standby power: 110V (60Hz): 2,5W; 230V (50Hz): 4,5W
- Output (at 230V): 7 units on a single power line
- Power factor: > 0,99
- Inrush current: 110V (60Hz): 5,2A; 230V (50Hz): 7,8A

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): 283x273x176mm / 11.14''x10.75''x6.93''
- Weight: 3,2kg / 7.05lbs
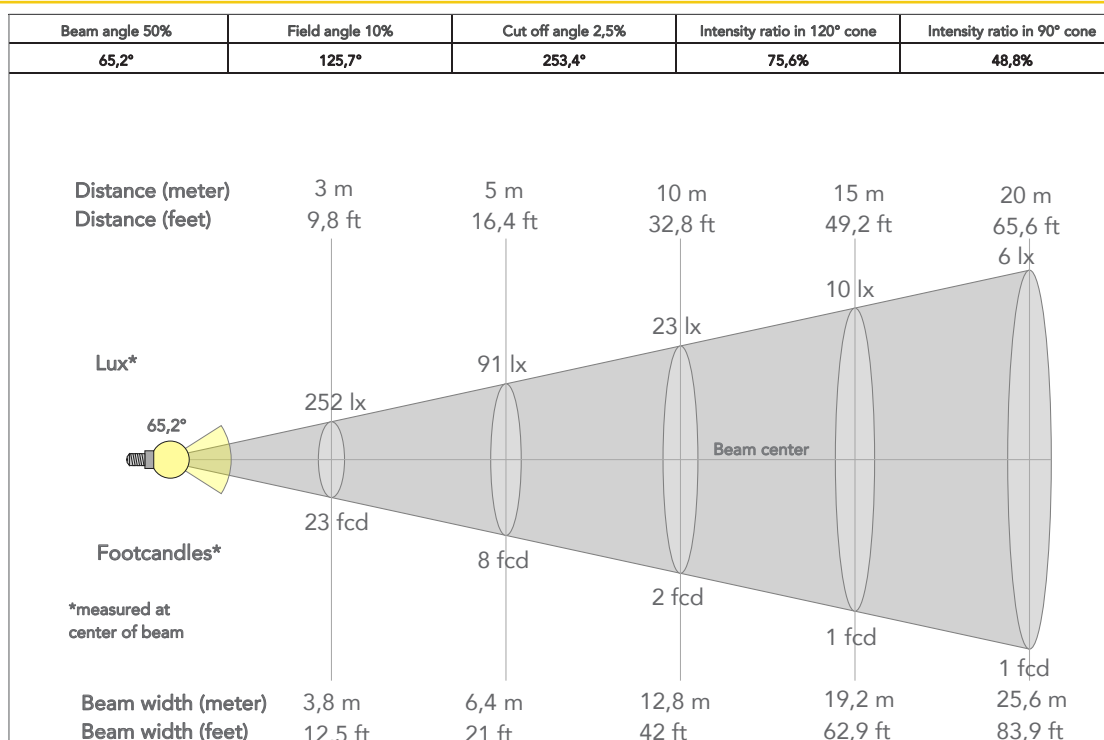
CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC
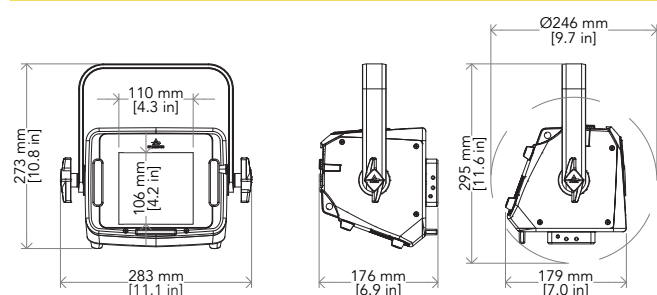
ACCESSORIES & RELATED PRODUCTS

- **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°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
65,2°	125,7°	253,4°	75,6%	48,8%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft
Lux*	252 lx	91 lx	23 lx	10 lx	6 lx
Footcandles*	23 fcd	8 fcd	2 fcd	1 fcd	1 fcd
Beam width (meter)	3,8 m	6,4 m	12,8 m	19,2 m	25,6 m
Beam width (feet)	12,5 ft	21 ft	42 ft	62,9 ft	83,9 ft

65,2°

Beam center

*measured at center of beam

TECHICAL DRAWINGS

110 mm [4.3 in]
273 mm [10.8 in]
106 mm [4.2 in]
283 mm [11.1 in]
176 mm [6.9 in]
Ø246 mm [9.7 in]
295 mm [11.6 in]
179 mm [7.0 in]

CERTIFICATIONS / APPROVALS

TÜVRheinland
Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166
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Visit our website for specifications and tech documentations

FC   CE