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 rotatory knobs

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 150W Variable White LED
- Source CCT: 2.700 K - 6.500 KK
- 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: > 30.000 hrs (L70B10 @Ta 25° C / 77° F)

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 control
- 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

CONTROL
- Supported Protocols: DMX512, RDM, CRMX (optional)
- DMX channels: 1 / 2 / 3 / 5 / 11ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Stand Alone: 2 rotatory knobs
- 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
- Selectable PWM: 600 to 25000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: optional LumenRadio TiMo FX RDM - CRMX and W-DMX compatible

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 175W
- Output (at 230V): 7 units on a single power line
- Standby power: 110V (60Hz): 2,5W; 230V (50Hz): 4,5W
- Power factor: > 0,99

PHYSICAL
- IP rating: IP20
- Cooling: forced-air with low-noise fan
- Housing: Sturdy die-cast magnesium body
- Finish: black (RAL 9004)
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 283x273x176mm / 11.14’’x10.75’’x6.93’’
- Weight: 3,2kg / 7.05lbs

INSTALLATION
- Suspension and fixing: bracket for hanging and positioning
- Other: see available accessories

CERTIFICATIONS / REPORTS
- Compliance: CE, UKCA, RCM, cTUVus, FCC

BOX CONTENT
- 1 x ECLEXPOFL150VW
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- 1 x User Manual

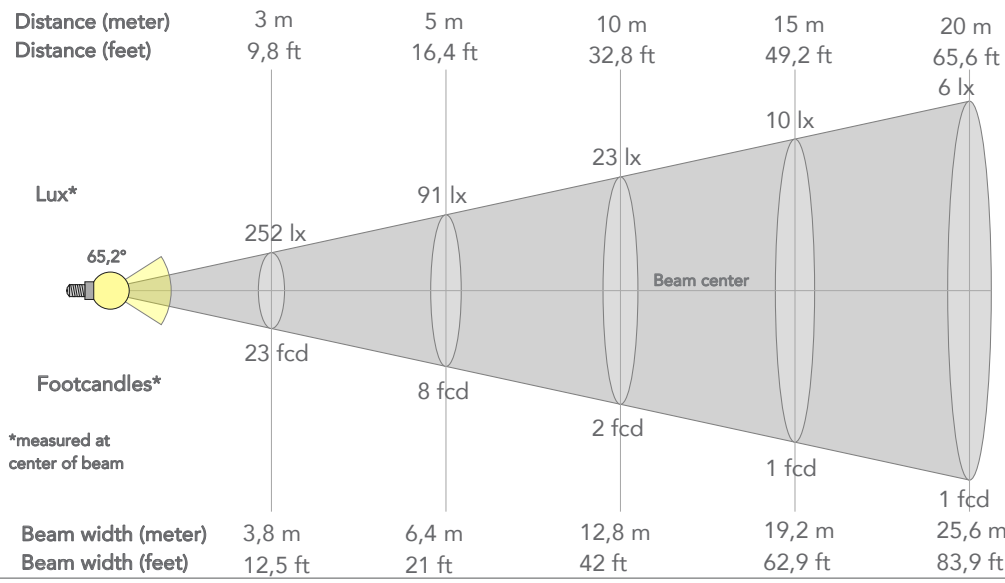
ACCESSORIES & RELATED PRODUCTS

▪ 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
▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ 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
▪ AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE
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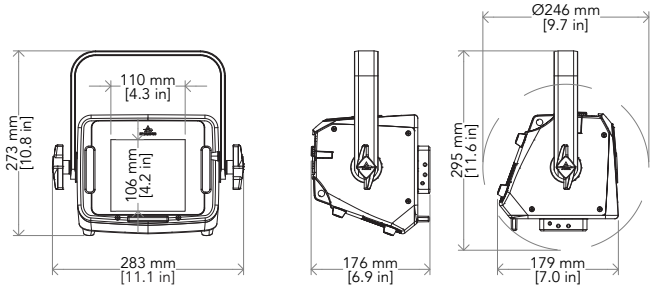
PRESET FULL ON

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%



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

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

Visit our website for specifications and tech documentations

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**** WARNING *** features, specifications and appearance are subject to change without notice*