

EclExpo Flood150FC

150W Full Colour RGB+WarmWhite asymmetric LED floodlight



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 calibrated RGB+WarmWhite source, with high CRI and TM30
- 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
ECLEXPFL150FCBK	Black

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source:150 W RGB + Warm White LED
- Luminous flux:5'342 lm @full
- Lux:65 lx @5 m full
- CRI:preliminary 92,8 @5'600K
- R9:preliminary 94,7 @5'600K
- TLCI:preliminary 92 @5'600K
- TM30 Rf:preliminary 91,3 @5'600K
- TM30 Rg:preliminary 106 @5'600K
- Source life expectancy: > 20.000 h

OPTICS

- Optics: asymmetrical beam reflector in pure aluminium 99,6%
- Beam angle:(H) 100° x (V) 60°
- Additional optics:5° smooth filter on-board

COLOUR SYSTEM

- Colour mixing: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets:2.800 K - 10.000 K
- Colour wheel: built-in white presets

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Static mode: selection of static dimmer, colors and color temperature
- Manual mode: manual adjustment of intensity, CT, colour correction 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:1/2/5/9/10/12/18 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 ~ 40.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption:154 W
- Output (at 230V):7 units on a single power line
- Power factor:> 0,94

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

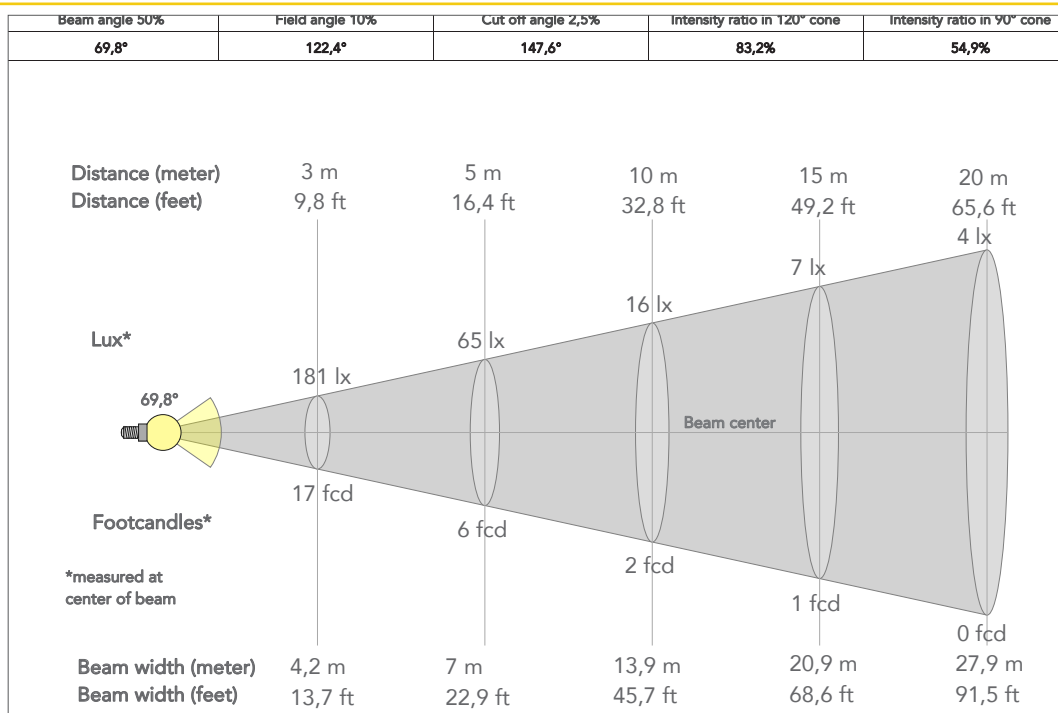
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

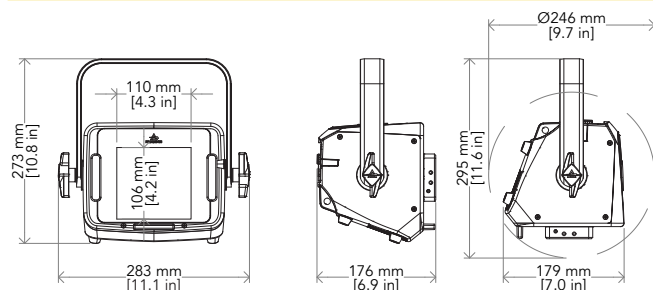
- FCLEXPOFL150 Flight case for 6 pcs of ECLEXPOFL150 series
- ECLEXPOFL150FFBK/WH Filter frame for ECLEXPOFL150, black/white finishing
- ECLEXPOFL150BDBK/WH Barndoor for ECLEXPOFL150, black/white finishing
- ECLEXPOFL150WKK/WH CRMX Timo Fx kit for ECLEXPOFL150, black/white finishing
- SPGM10 28mm spigot 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 HCS340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
- LRLUNA Single Universe DMX transceiver with Bluetooth

PRESET FULL ON

Beam angle 50%: 69,8°



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

