

# EclExpo Flood150FC

150W Full Colour RGB+WarmWhite asymmetric LED floodlight

ORDER CODE: **ECLEXPOFL150FCBK**



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 tradeshow, 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

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 150W RGB + Warm White LED
- Luminous flux: 5'342 @full
- Lux: 65lx @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 - 10.000K
- 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
- Stand Alone: 2 rotatory knobs

### ACCESSORIES & RELATED PRODUCTS

- |                    |   |
|--------------------|---|
| • FCLEXPOFL150     | Flight case for 6 pcs of ECLEXPOFL150 series                                |
| • ECLEXPOFL150FFBK | Filter frame for ECLEXPOFL150, black finishing                              |
| • ECLEXPOFL150BDBK | Barndoor for ECLEXPOFL150, black finishing                                  |
| • ECLEXPOFL150WKK  | CRMX Timo Fx kit for ECLEXPOFL150, black 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 |

- DMX channels: 1/2/5/9/10/12/18channel
- 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 ~ 40.000 Hz

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 175W
- Standby power: 110V (60Hz): 1,5W; 230V (50Hz): 1,9W
- Output (at 230V): 7 units on a single power line
- Power factor: > 0,94
- Inrush current: 110V (60Hz): 4,6A; 230V (50Hz): 9,4A

### 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

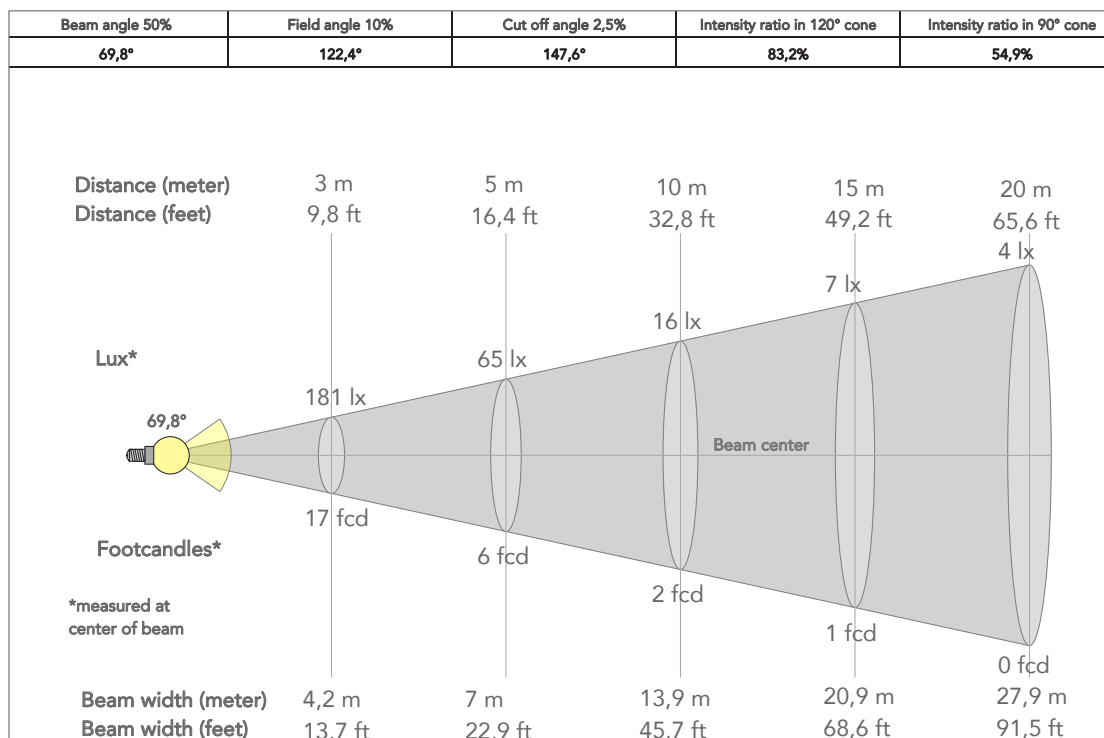
### CERTIFICATIONS / APPROVALS

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

- |                |  |
|----------------|--|
| • 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. CANS5MXXLR5p->CANS5FXX L.R (f) 5p, L.3m              |
| • LRLUNA       | Single Universe DMX transceiver with Bluetooth                         |

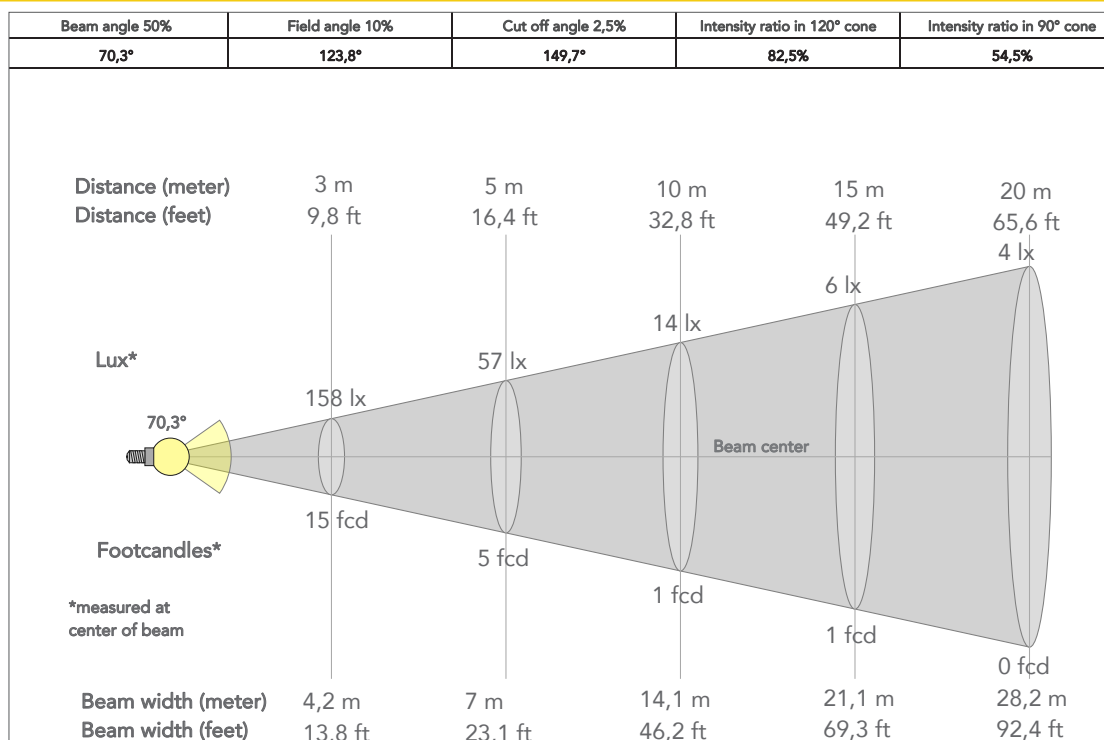
## PRESET FULL ON

Beam angle 50%: 69,8°

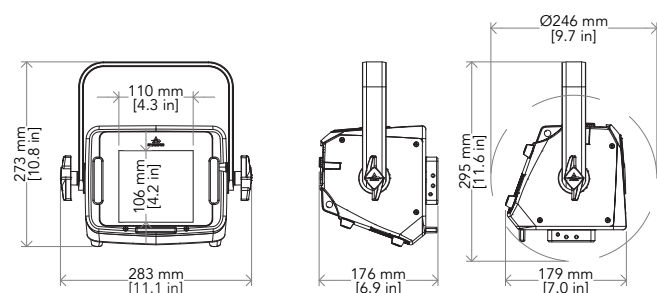


## PRESET 4.000K

Beam angle 50%: 70,3°



## 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

