

EclExpo Flood150FC

150W Full Colour RGB+WarmWhite asymmetric LED floodlight

ORDER CODE: **ECLEXPFL150FCBK**



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: > 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°
- 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 control
- 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

CONTROL

- Supported Protocols: DMX512, RDM, CRMX (optional)
- DMX channels: 1 / 2 / 5 / 9 / 10 / 12 / 18ch
- 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 40000 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): 1,5W; 230V (50Hz): 1,9W
- Power factor: > 0,94

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

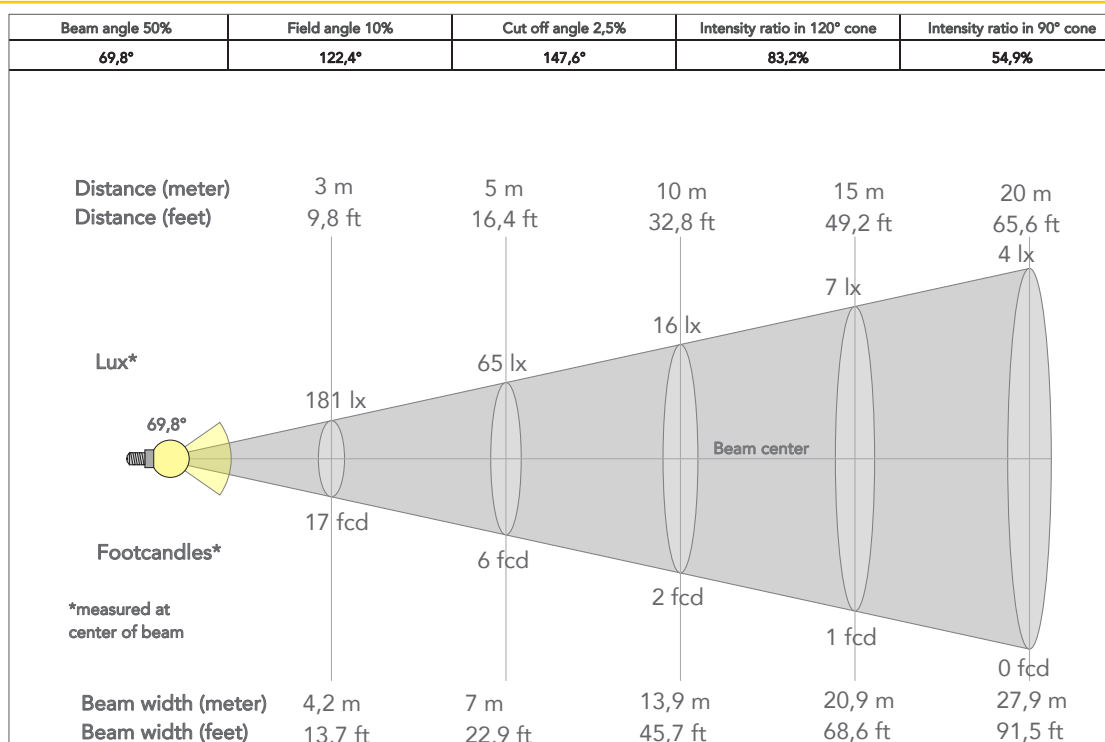
- 1 x ECLEXPFL150FC
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- 1 x User Manual

ACCESSORIES & RELATED PRODUCTS

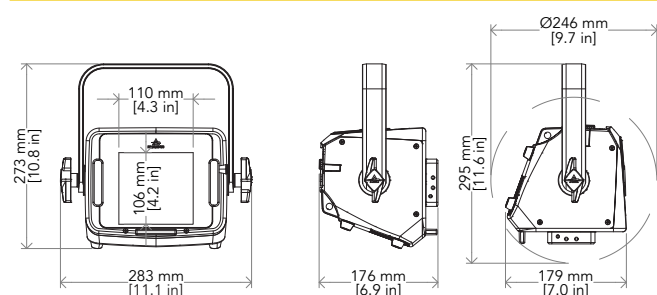
▪ FCLEXPOFL150	Flight case for 6 pcs of ECLEXPOFL150 series	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ ECLEXPOFL150FFBK/WH	Filter frame for ECLEXPOFL150, black/white finishing	▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
▪ ECLEXPOFL150BDBK/WH	Barndoor for ECLEXPOFL150, black/white finishing	▪ 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
▪ ECLEXPOFL150WKK/WH	CRMX Timo Fx kit for ECLEXPOFL150, black/white finishing	▪ TOUR53415L03	Dmx cable HC5340. CANC5MXXLXR5p->CANC5FXX LXR (f) 5p, L.3m
▪ SPGM10	28mm spigot for fixtures, M10 bolt	▪ AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE
▪ SPGM12	28mm spigot for fixtures, M12 bolt	▪ AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
▪ 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		

PRESET FULL ON

Beam angle 50%: 69,8°



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

