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EclExpo Flood150IPFC

ORDER CODE: **ECLEXPOFL150IPFCB**



Source

150W RGB + Warm White LED

IP rating

IP65 for temporary outdoor use

Weight

4,2kg / 9.26lbs

The **EclExpo** Flood150IP is an IP65 high power LED Floodlight, designed for indoor and outdoor installations, as a high-quality LED replacement of traditional tungsten, CDM or HMI asymmetric floods.

Combined with a reflector, it has a wide asymmetric beam angle of 100° (Horizontal) x 60° (Vertical) of indirect light emission.

The **EclExpo** Flood150IP is available in two source variants:

- the **EclExpo** Flood150IPFC has a calibrated 150W RGB+WarmWhite LED source, ensuring high-quality white reproduction across the entire CCT with high CRI and TM30 and advanced control over colours;
- the **EclExpo** Flood150IPVW has a 150W LED source, with variable white ranging from 2,700K to 6,500K, and an outstanding lumen output with high-scoring CRI levels (>95), TM-30, R9.

This unit is incredibly user-friendly, using remote control via DMX and RDM, on-board W-DMX + CRMX or intuitive stand-alone operation through an on-board display and two rotatory knobs CCT, colours and dimmer settings.

Its unique design and performance set a new standard for outdoor exhibition floodlights.

MAIN FEATURES

- IP65 water and dust resistant
- 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, on-board W-DMX + CRMX, Stand-Alone mode through two rotatory knobs

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

- Source: 150W RGB + Warm White LED
- Luminous flux: 5'235 @3.200 K
- Luminous flux: 6'210 @5.600 K
- Lux: 69lx @5 m 3.200 K
- Lux: 83lx @5 m 5.600K
- CRI: 91,6 @5'600K
- R9: 96,9 @5'600K
- TLCI: 90 @5'600K
- TM30 Rf: 89,3 @5'600K
- TM30 Rg: 106,2 @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

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

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: 1,9 W
- Power factor: > 0,94

INSTALLATION

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

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

COLOUR SYSTEM

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

CONTROL

- Supported Protocols: DMX512, RDM, CRMX
- 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 40,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

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

PHYSICAL

- IP rating: IP65 for temporary outdoor use
- Cooling: forced-air with low-noise fan
- Housing: Sturdy die-cast magnesium body
- Finish: black (RAL 9004)
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 283x273x176mm
- Weight: 4,2kg

BOX CONTENT

- 1 x ECLEXPOFL150IPFC
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

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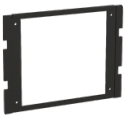
ACCESSORIES & RELATED PRODUCTS



FCLEXPOFL150IP
Flight case for 6 pcs of ECLEXPOFL150IP series



ECLEXPOFL150BDBK
Barn door 8 directional flaps to adjust the light beam for ECLEXPOFL150, black



ECLEXPOFL150FFBK
Filter frame for ECLEXPOFL150, black



SPGM12
28mm spigot for fixtures, M12 bolt



SPGM10
28mm spigot for fixtures, M10 bolt



AETHERBOX
IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready



AETHERBOXONE
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



C6002B
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black



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.3m



958225L03
3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m



9513FXWL03
Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m

TOUR53415L03
Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m



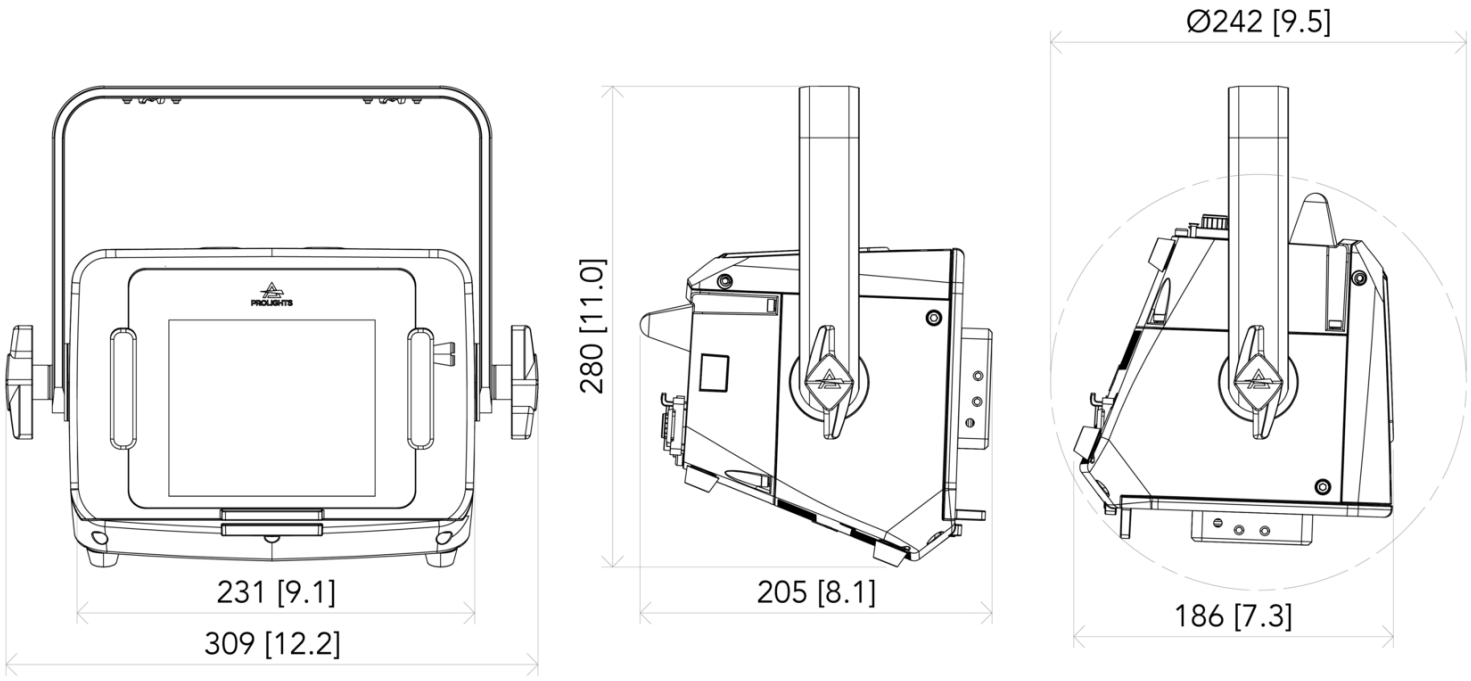
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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TECHNICAL DRAWINGS



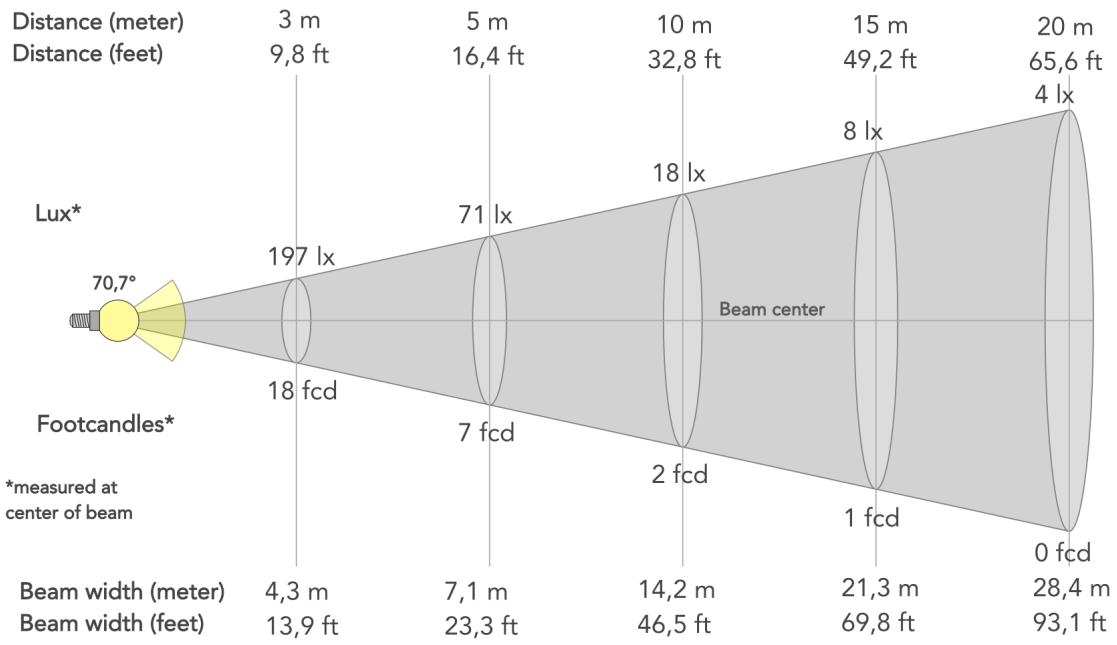
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PHOTOMETRICS

Full On HB - Original Optic



Beam angle (50%): **70.7°**	Field angle (10%): **131°**	Cut-off angle (2.5%): **154.6°**

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