

EclExpo Flood300VW

300W asymmetric LED floodlight, with Variable White CCT 2,700K - 6,500K

ORDER CODE: **ECLEXPFL300VW**

The **EclExpo Flood300VW** is a variable white LED Floodlight, designed for exhibitions and showrooms, as a high-quality LED replacement of traditional tungsten, CDM or HMI asymmetric luminaires. The **EclExpo Flood300VW** has a 300W 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. Combined with a reflector, it has a wide asymmetric beam angle of 100° (Horizontal) x 60° (Vertical) of indirect light emission. This unit is incredibly user-friendly, using remote control via DMX and RDM (optional W-DMX + CRMX), or intuitive stand-alone operation through an on-board display and two rotatory knobs CCT and dimmer settings. Its unique design and performance set a new standard for exhibition floodlights.

MAIN FEATURES

- 300W 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: 300 W Variable White LED
- CCT: 2.700 K - 6.500 K
- Luminous flux: @2.700K 7'690 lm; @6.500K 10'877 lm; @full 13'044 lm
- Lux: @2.700K 72 lx; @6.500K 101 lx; @full 121 lx @5 m
- CRI: 97,7 @2.700 K; 95,6 @6.500 K; 94,9 @full
- R9: 84,9 @2.700 K; 86,7 @6.500 K; 82,8 @full
- TLCI: 97 @2.700 K; 97 @6.500 K; 97 @full
- TM30 Rf: > 95 @2.700 K; > 91 @6.500 K; > 92 @full
- TM30 Rg: < 102 @2.700 K; < 102 @6.500 K; < 104 @full
- Source life expectancy: > 20.000 h

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 - 6.500 K
- Colour wheel: built-in white presets
- DYNAMIC EFFECTS
- Control Resolution: 16-bit dimmer
- 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

BODY

- Body: sturdy die-cast magnesium body
- Body colour: RAL 9004
- Other: see available accessories

ACCESSORIES & RELATED PRODUCTS

9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
FCLEXPFL300	Flight case for 6 pcs of ECLEXPFL300VW
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXH XLR (f) 5p, L.3m
WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM, Bluetooth, G3, G4, G4S, G5, CRMX

CONTROL

- Protocols: DMX512, RDM
- Stand Alone: 2 rotatory knobs
- DMX channels: 1 / 2 / 3 / 5 / 11 channel
- Wireless Control: optional, Lumen Radio 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 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 300 W
- Output (at 230V): 8 units on a single power line
- Power factor: > 0,97

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: Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD): 391x247x210 mm
- Weight: 5,5 kg

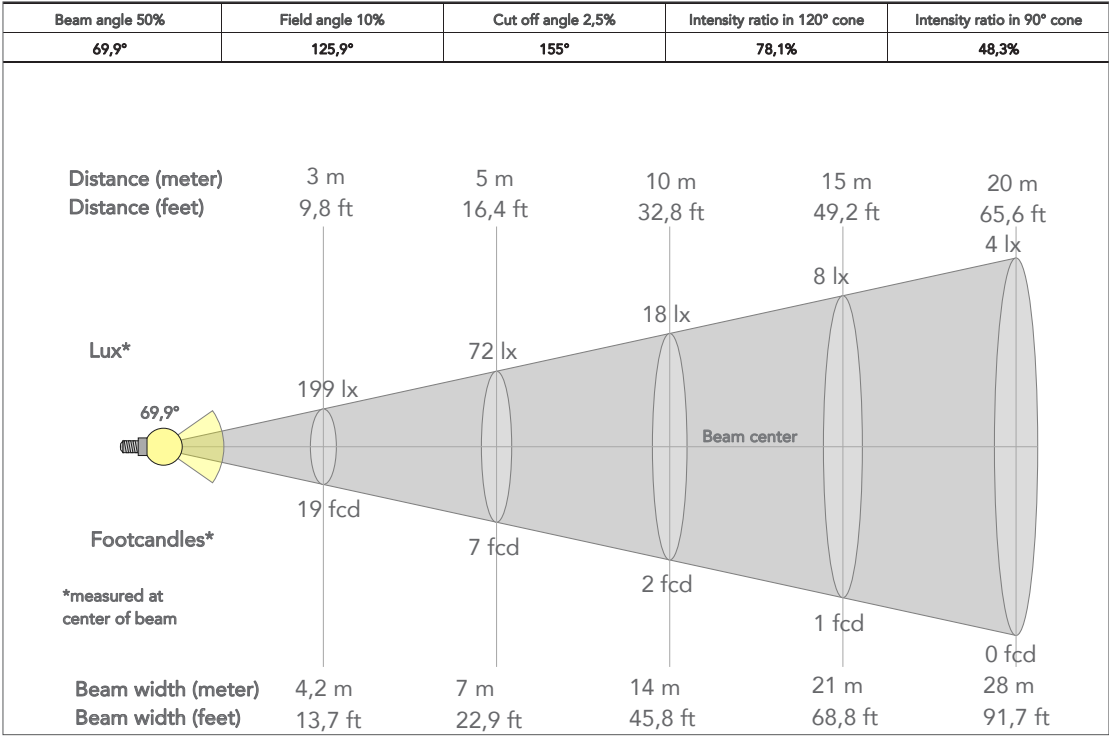
CERTIFICATIONS / APPROVALS

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

WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2.45GHz, DMX&RDM, Bluetooth, G3, G4, G4S, G5, CRMX
ECLEXPFL300VWFFB	Filter frame for ECLEXPFL300VW, black finishing
ECLEXPFL300VWFFW	Filter frame for ECLEXPFL300VW, white finishing
ECLEXPFL300VWLVB	Anti-glare louvre for ECLEXPFL300VW, black finishing
ECLEXPFL300VWLVW	Anti-glare louvre for ECLEXPFL300VW, white finishing
ECLEXPFL300VWBDB	Barndoor for ECLEXPFL300VW, black finishing
ECLEXPFL300VWBWDW	Barndoor for ECLEXPFL300VW, white finishing
ECLEXPFL300VWWKBB	Wireless kit for ECLEXPFL300VW, black finishing
ECLEXPFL300VWWKWB	Wireless kit for ECLEXPFL300VW, white finishing

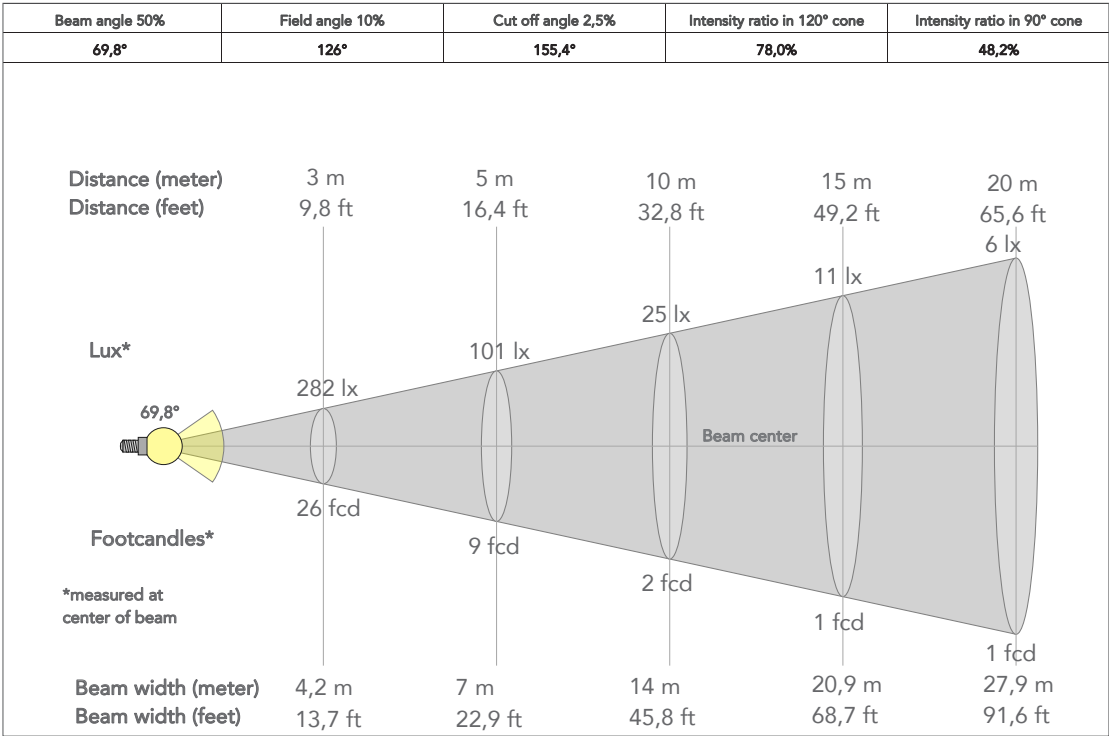
PRESET 2,700K

Beam angle 50%: 74,6°

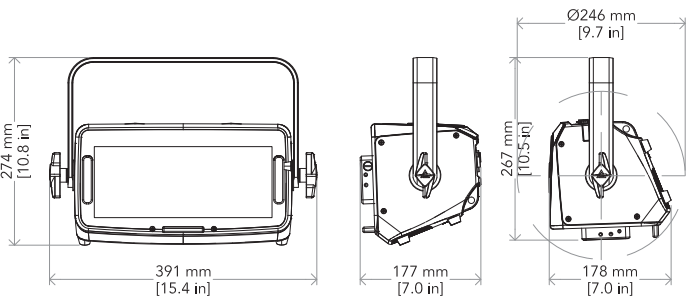


PRESET 6,500K

Beam angle 50%: 70°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

