

EclExpo Flood300IPVW

IP65 300W asymmetric LED floodlight, with Variable White CCT 2,700K - 6,500K

ORDER CODE: **ECLEXPFL300IPVWB**



The **EclExpo Flood300 IP** 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 Flood300 IP** is available in two source variants:

- the **EclExpo Flood300 IP FC** has a calibrated 300W 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 Flood300 IP VW** 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.

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
- 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, on-board W-DMX + CRMX, Stand-Alone mode through two rotatory knobs

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 300W Variable White LED
- CCT: 2.700 K - 6.500
- Luminous flux: @2.700K 12'235 lm; @6.500K 15'961 lm; @full 20'291
- Lux: @2.700K 124 lx; @6.500K 163 lx; @full 207lx @5 m
- CRI: 96,1 @2.700 K; 93,2 @6.500 K; 92,6 @full
- R9: 97 @2.700 K; 80,2 @6.500 K; 73,2 @full
- TLCI: 97 @2.700 K; 94 @6.500 K; 98 @full
- TM30 Rf: > 93,9 @2.700 K; > 88,9 @6.500 K; > 91,1 @full
- TM30 Rg: < 101,2 @2.700 K; < 99,5 @6.500 K; < 101,9 @full
- 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°

COLOUR SYSTEM

- Colour mixing: tunable white
- CCT: CCT control through dedicated DMX channel
- White presets: 2.700 K - 6.500K
- 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

CONTROL

- Protocols: DMX512, RDM, CRMX
- Stand Alone: 2 rotatory knobs
- DMX channels: 1 / 2 / 3 / 5 / 11channel

- Wireless Control: Included LumenRadio Timo Fx DMX/RDM receiver compatible with CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (USB-DMX interface 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: -20° C / +45° C (-4° F / +113° F) Ta
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 310W
- Standby power: 3,2 W
- Output (at 230V): 8 units on a single power line
- Power factor: > 0,97

PHYSICAL

- IP rating: IP65 for temporary outdoor application, not for fixed installations
- Cooling: active, silent operation
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Dimensions (WxHxD): 401x256x225mm / 15.79"x10.08"x8.86"
- Weight: 5,9kg / 13.01lbs

CERTIFICATIONS / APPROVALS

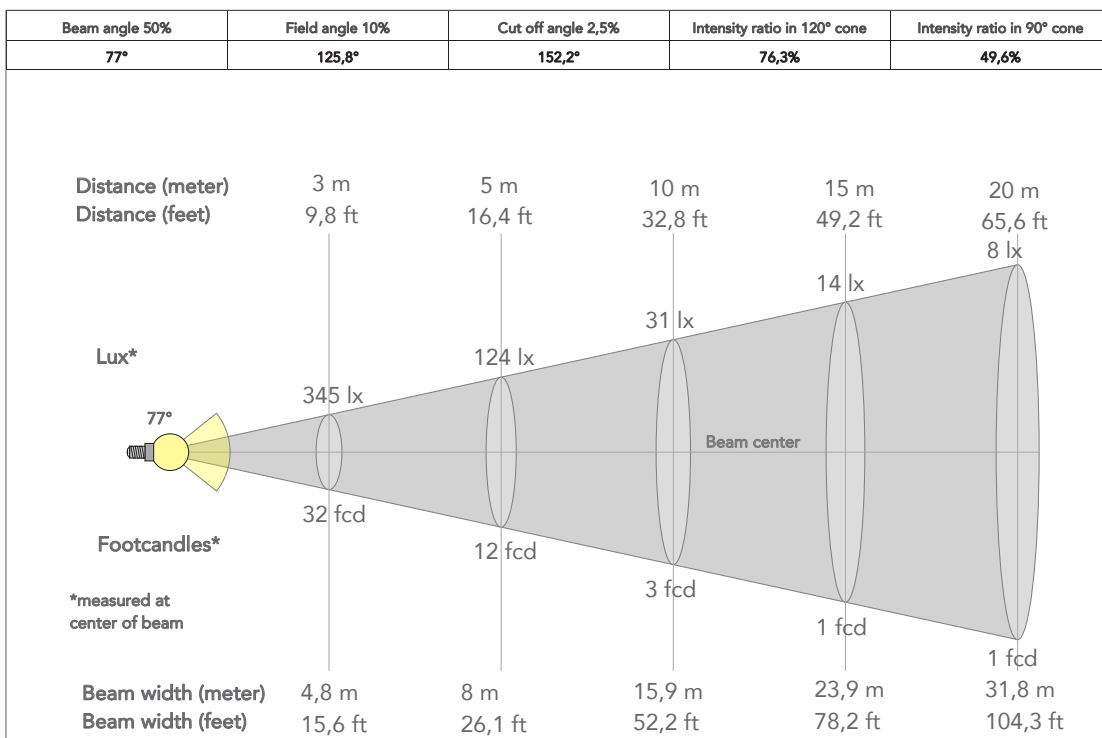
- Certifications / Approvals: CE, RCM

ACCESSORIES & RELATED PRODUCTS

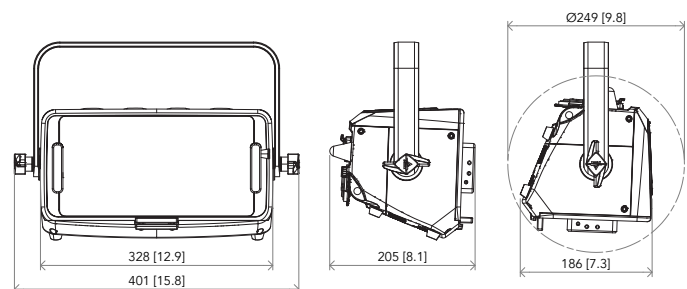
- AETHERBOX IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
- AETHERBOXLITE 1 Universe CRMX Wireless Transceiver
- ECLEXPOFL300VWFFB/W Filter frame for ECLEXPOFL300, black/white finishing
- ECLEXPOFL300VWBDB/W Barndoor for ECLEXPOFL300, black/white finishing
- SPGM12 28mm spigot for fixtures, M12 bolt
- SPGM10 28mm spigot for fixtures, M10 bolt
- ECLFRSPG Spigot for PROLIGHTS fixtures
- LRLUNA Single Universe DMX transceiver with Bluetooth
- 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
- TOUR53415L03 Dmx cable HC5340. CANC5MXXLXR5p->CANC5FXX LXR (f) 5p, L.3m
- 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
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET 2700K

Beam angle 50%: 77°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Visit our website for specifications and tech documentations