EclExpo Flood300IPFC

ORDER CODE: ECLEXPOFL300IPFCB



SOURCE
300W RGB + Warm White LED

IP RATING
IP65 for temporary outdoor use

WEIGHT
5,9kg / 13.01lbs

CRI
93,2@5'600K

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	300W RGB + Warm White LED
Luminous flux:	13'865 @3.200 K
Luminous flux:	13'607 @5.600 K
Lux:	202lx @5 m 3.200K
Lux:	195lx @5 m 5.600 K
CRI:	93,2@5'600K
R9:	97,3 @5'600K
TLCI:	92 @5'600K
TM30 Rf:	90,6 @5'600K
TM30 Rg:	104,9 @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

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
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

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	310W
Output (at 230V):	7 units on a single power line
Standby power:	3,2 W
Power factor:	> 0,97

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):	401x256x225mm
Weight:	5,9kg

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TECHNICAL SPECIFICATIONS

INSTALLATION

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

CERTIFICATIONS / REPORTS

Noise Level:	test report available for download
Compliance:	CE, RCM, FCC, cTUVus

BOX CONTENT

1 x ECLEXPOFL300IPFC

1 x 1,5 meters power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65)

ACCESSORIES & RELATED PRODUCTS



FCLEXPOFL300IP
Flight case for 4 pcs of ECLEXPOFL300IP series



ECLEXPOFL300VWBDB
Barndoor for ECLEXPOFL300 series, black finishing



ECLEXPOFL300VWFFB
Filter frame for ECLEXPOFL300VW, black finishing



ECLFRSPG
Spigot for PROLIGHTS fixtures



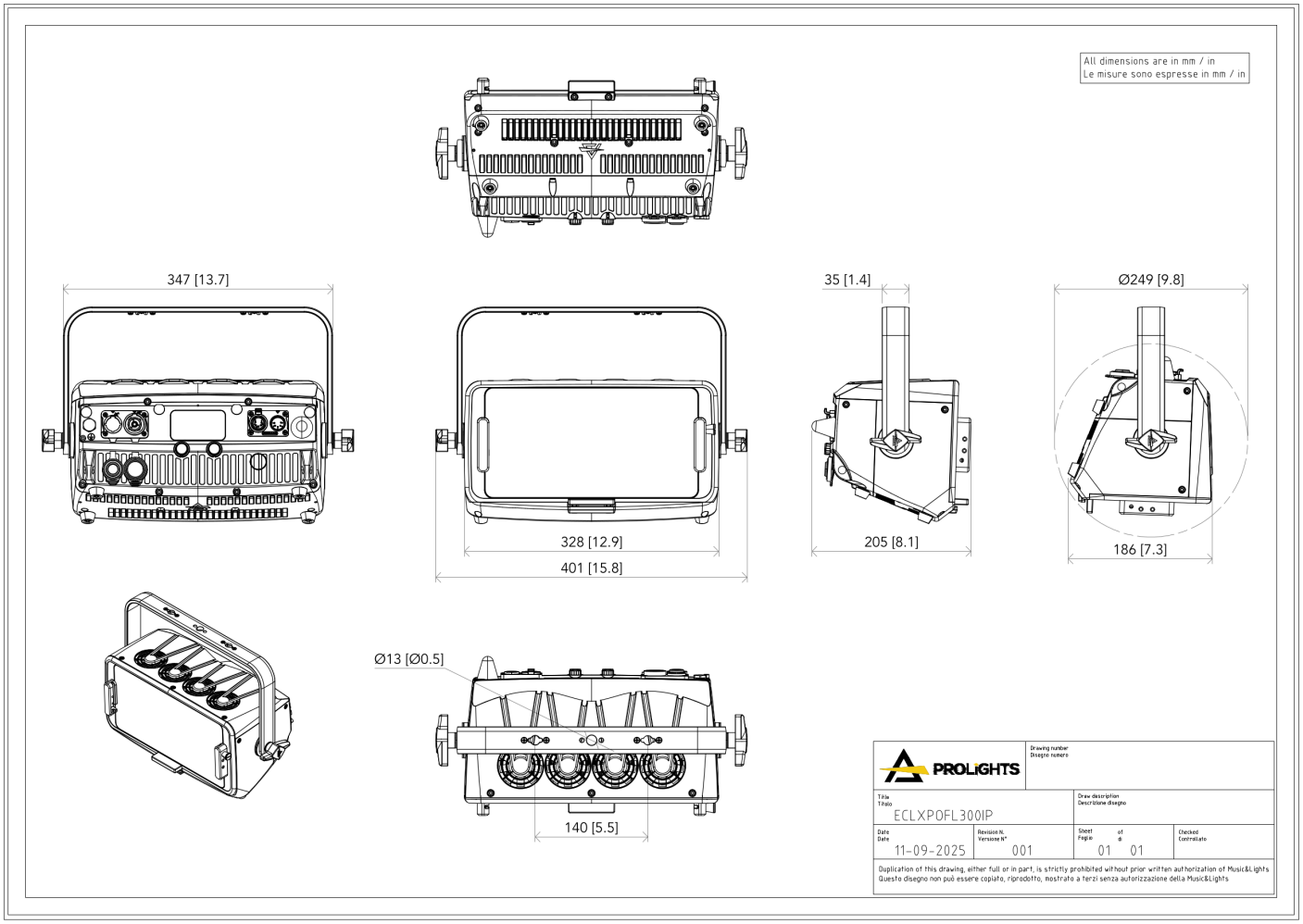
AETHERBOXONE
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



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

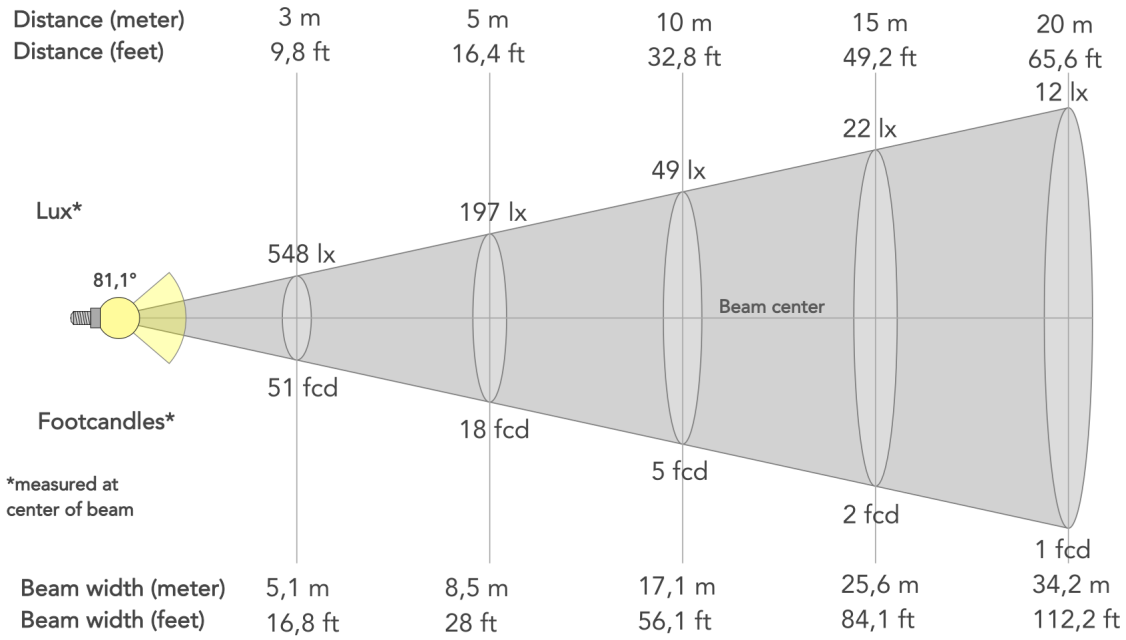
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TECHNICAL DRAWINGS



PHOTOMETRICS

Full On HQ - Original Optic



Beam angle (50%): **81.1°**	Field angle (10%): **133°**	Cut-off angle (2.5%): **157.2°**