EclFresnel FWXSVW NEW

ORDER CODE: ECLFRFWXSVWBK



SOURCE	ZOOM RANGE	IP RATING
120W Variable White LED	10°-56° manual	IP20

WEIGHT	LUMINOUS FLUX (MAX)	CRI
3,8kg / 8.38lbs	5'897 lm	95,2 @3.200K

Downloaded on 18/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	120W Variable White LED
Luminous flux:	(9,8°) 3.175 lm - (55,8°) 5'897 lm @Full
Lux:	(9,8°) 4'233 lx - (55,8°) 440lx @5 m full
CRI:	95,2 @3.200K; 93,8 @5.600K
R9:	95,1 @3.200K; 98,7 @5.600K
TLCI:	92 @3.200K; 97 @5.600K
TM30 Rf:	91,8 @3.200K; 92,3 @5.600K
TM30 Rg:	107 @3.200K; 104,8 @5.600K
Source life expectancy:	> 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

Zoom range:	10°-56° manual
Lens diameter:	130mm
Lens type:	PMMA lens
Other:	barndoor and gel frame included

COLOUR SYSTEM

Colour mixing:	tunable white
CCT:	linear from 2.800K to 6.500K

CONTROL

Supported Protocols:	DMX512, RDM, CRMX (optional)
DMX channels:	From 1 to 14ch
RDM:	for remote addressing and parameter configuration
Display:	2.4'' Color display
Stand Alone:	1 push encoder
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:	1,282 to 40,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO (not included)

CONNECTIONS

Power connection:	Neutrik powerCON TRUE1 IN/OUT connectors
Signal connection:	Amphenol XLR 5p IN/OUT connectors
Wireless Connection:	optional LumenRadio TiMoTwo - CRMX, CRMX² (RX only) and W-DMX compatible

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Low Voltage DC mains:	48V
Max power consumption (230V):	130W
Output (at 230V):	20 units on a single power line
Standby power:	6,3 W
Power factor:	> 0,94

PHYSICAL

IP rating:	IP20
Cooling:	forced-air with low-noise fan
Housing:	Die-cast magnesium alloy
Finish:	black (RAL 9004)
Operating temperature:	Ta -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	227x289x294mm
Weight:	3,8kg

INSTALLATION

Hardware on-board:	filter frame and 8-leaf barndoor included

CERTIFICATIONS / REPORTS

Compliance:	CE

Downloaded on 18/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

BOX CONTENT

1 x ECLFRFWXSVWBK

1 x ECLFRCTPXSFFBK

1 x ECLFRCTPXSBDBK

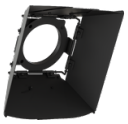
1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)

ACCESSORIES & RELATED PRODUCTS



FCLECLFRCTPXS

Flight case for 6 pcs of ECLFRCTPXS series



ECLFRCTPXSBDBK

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



ECLFRCTPXSFFBK

Filter frame for ECLFRCTPXS series, black



ECLFRSPG

Spigot for PROLIGHTS fixtures



LRT2WK1

Wireless kit 1 with TimoTwo

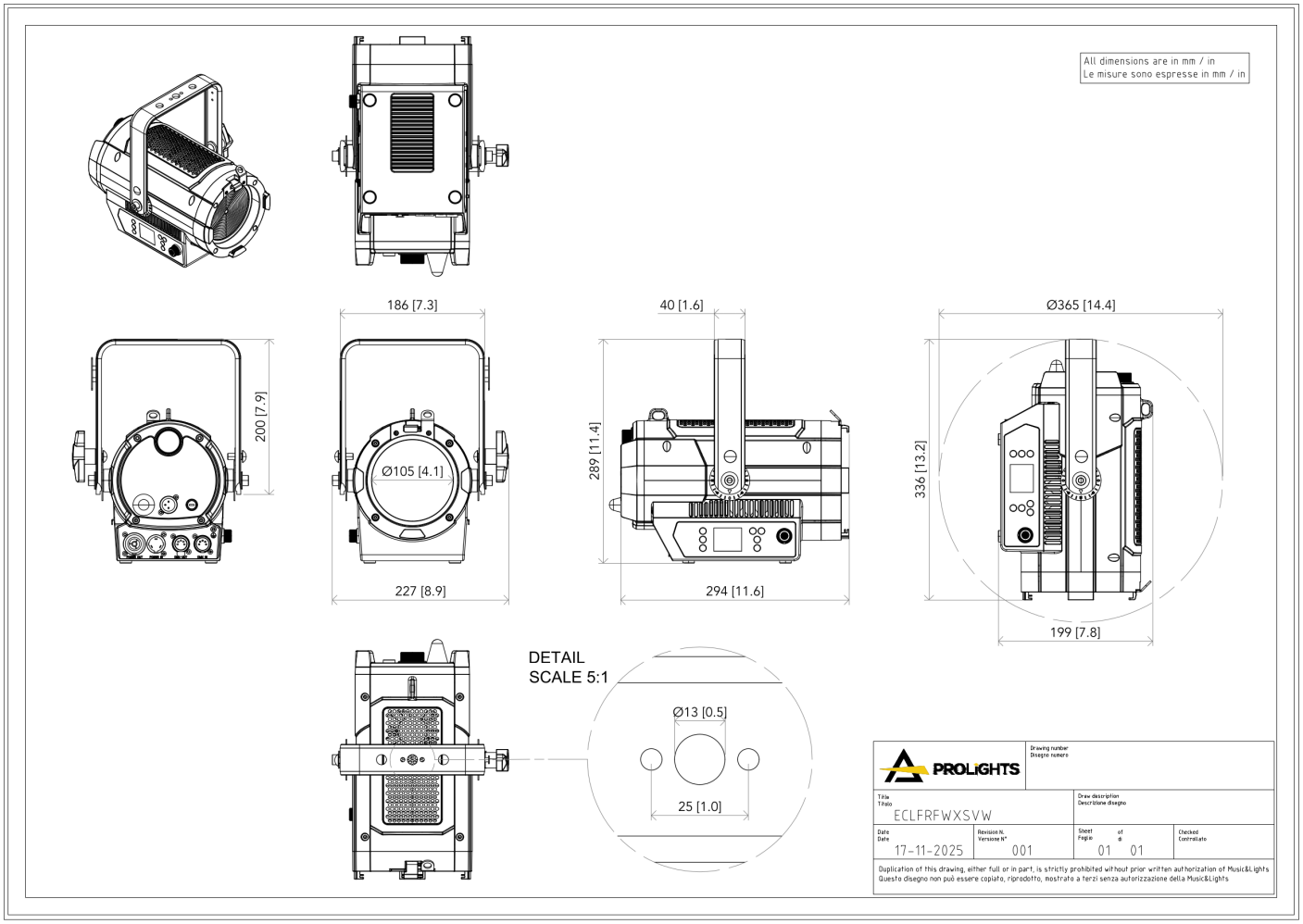


UPBOXPRO

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

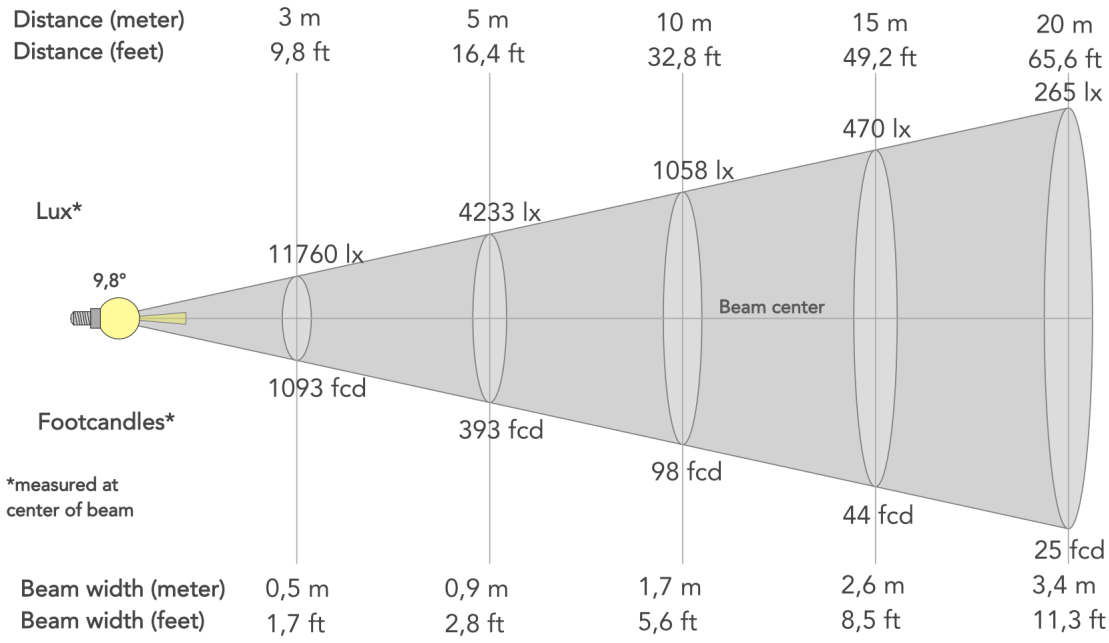
Downloaded on 18/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL DRAWINGS



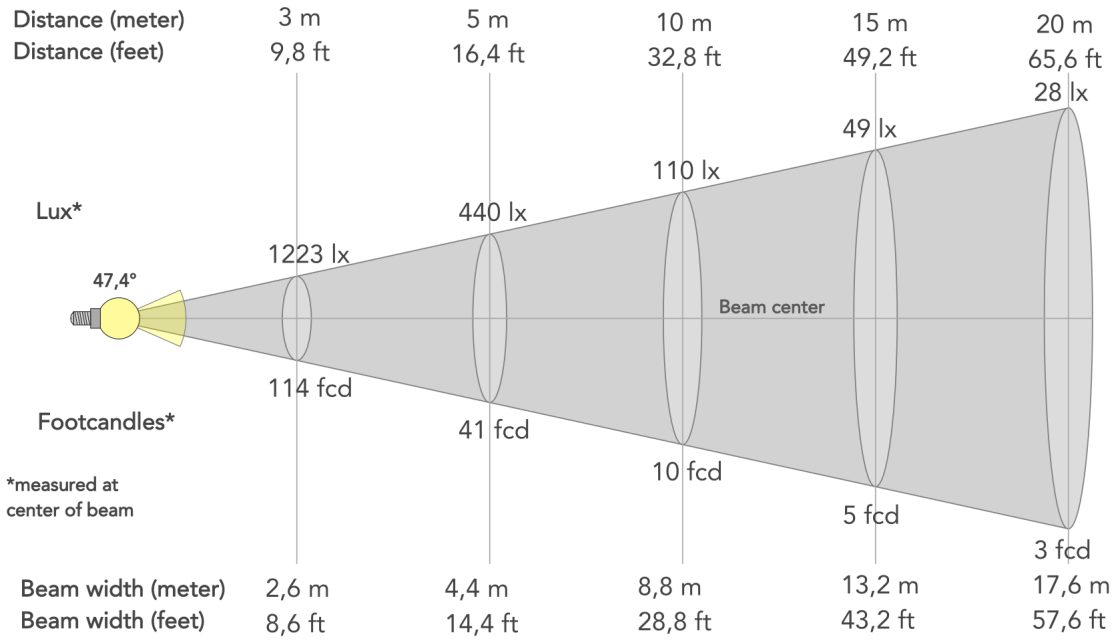
PHOTOMETRICS

Full On - Min Zoom



Beam angle (50%): **9.8°**	Field angle (10%): **15.1°**	Cut-off angle (2.5%): **19.1°**

Full On - Max Zoom



Beam angle (50%): **47.4°**	Field angle (10%): **55.8°**	Cut-off angle (2.5%): **66.8°**