EclFresnel 2KVW

ORDER CODE: ECLFR2KVWBK



VERSIONS

	Code	Finishing	Yoke	Input
	**ECLFR2KVWBK**	**Black**	**M.O.**	**DMX**
	ECLFR2KVWPOBK	Black	P.O.	DMX
	ECLFR2KVWWH	White	M.O.	DMX
	ECLFR2KVWPONBK	Black	P.O.	NET/DMX

SOURCE
500W Variable White LED

ZOOM RANGE
15° - 79,5° manual

IP RATING
IP20

WEIGHT
17,2kg / 37.92lbs

LUMINOUS FLUX (MAX)
12'196 lm

CRI
94 @WW

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	500W Variable White LED
Source CCT:	2.700 K - 5.600K
Luminous flux:	(15°) 12'196 lm - (79,5°) 19'711 @Full
Lux:	(15°) 6'782 lx - (79,5°) 1'118lx @5 m full
CRI:	94 @WW; 96 @CW; 92 @full
R9:	90 @WW; 88 @CW; 73 @full
TLCI:	97 @WW; 99 @CW; 98 @full
TM30 Rf:	>94 @WW; >94 @CW; >93 @full
TM30 Rg:	<103 @WW; <103 @CW; <104 @full
Source life expectancy:	> 50.000 h

OPTICS

Zoom range:	15° - 79,5° manual
Lens diameter:	250mm
Lens type:	fresnel zoom lens

COLOUR SYSTEM

Colour mixing:	tunable white
CCT:	CCT control through dedicated DMX channel
White presets:	2.700 K - 5.600K
Colour wheel:	built-in white presets

DYNAMIC EFFECTS

Control Resolution:	16-bit dimmer control
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

CONTROL

Supported Protocols:	DMX512, RDM
DMX channels:	1 / 2 / 4 / 5 / 11ch
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface
Stand Alone:	3 rotatory knobs

MOVEMENT

Pan:	(for pole operated version) 360° with manual regulation
Tilt:	(for pole operated version) 180° with manual adjustment

ELECTRONICS

Dimmer:	linear 0 - 100% electronic dimmer
Dimmer curves:	4 selectable dimming modes available
Strobe / shutter:	1 - 30 Hz, electronic
Selectable PWM:	600 to 25,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX1 (not included)

CONNECTIONS

Power connection:	Neutrik powerCON TRUE1 IN/OUT connectors
Signal connection:	Amphenol XLR 5p IN/OUT connectors

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	450W
Output (at 230V):	5 units on a single power line
Power factor:	> 0,95

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TECHNICAL SPECIFICATIONS

PHYSICAL

IP rating:	IP20
Cooling:	heat pipe with low-noise fan
Housing:	Sturdy die-cast aluminium body
Finish:	black (RAL 9004) or white (RAL 9010)
Operating temperature:	Ta -20 to +45 °C (-4 to +113 °F)
Dimensions (WxHxD):	421x537x456mm
Dimensions with PO system (WxHxD):	401x576x456mm
Weight:	17,2kg
Weight with PO system:	18kg

INSTALLATION

Suspension and fixing:	bracket for hanging and floor positioning
Hardware on-board:	filter frame, 8-leaf barndoor and spigot

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM

BOX CONTENT

1 x ECLFR2KVW

1 x ECLFR2KBD

1 x ECLFRSPG

1 x ECLFR2KTPG

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

ACCESSORIES & RELATED PRODUCTS



FCLECLFR2K
Flight case for 3 pcs of ECLFR2K



ECLFR2KBD
Barn door with directional flaps to adjust the light beam



ECLFR2KTPG
Gel filter frame for ECLFR2K projectors

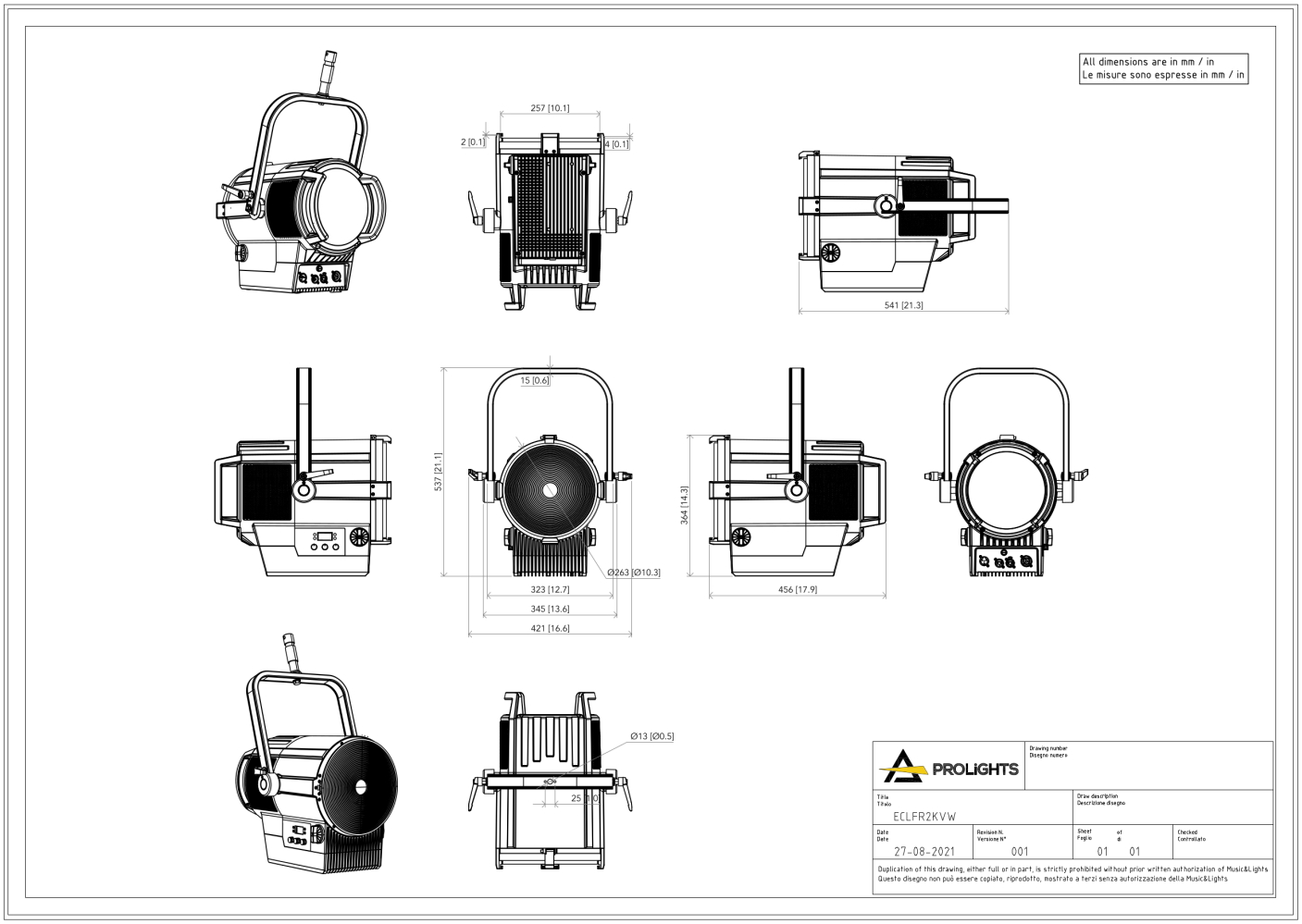


ECLFRSPG
Spigot for PROLIGHTS fixtures



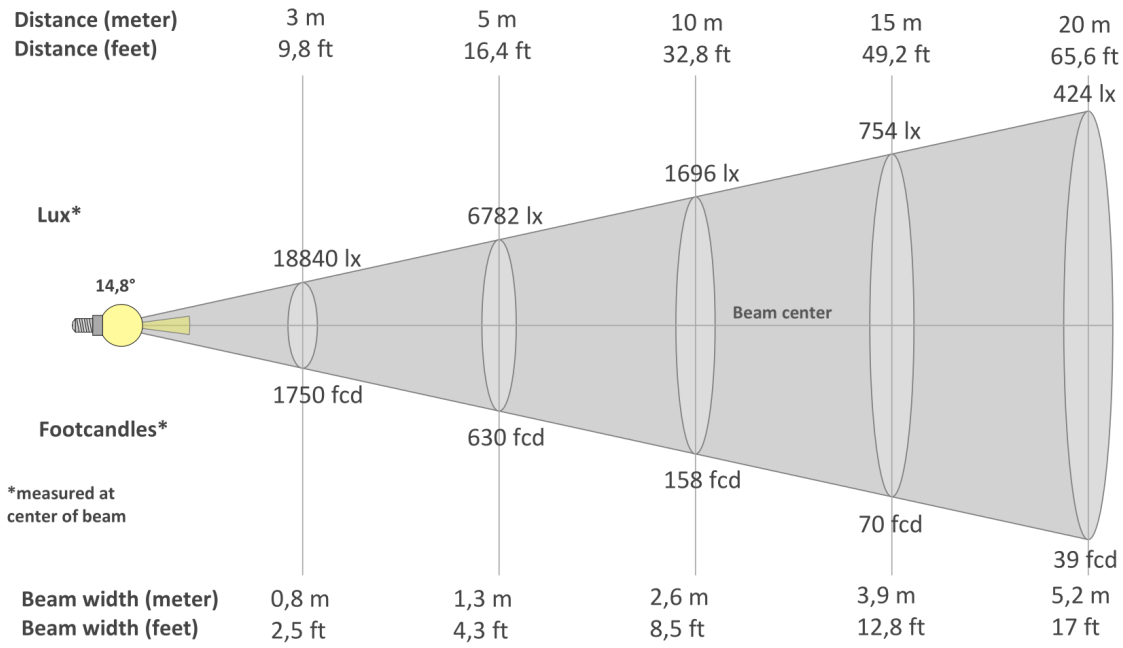
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



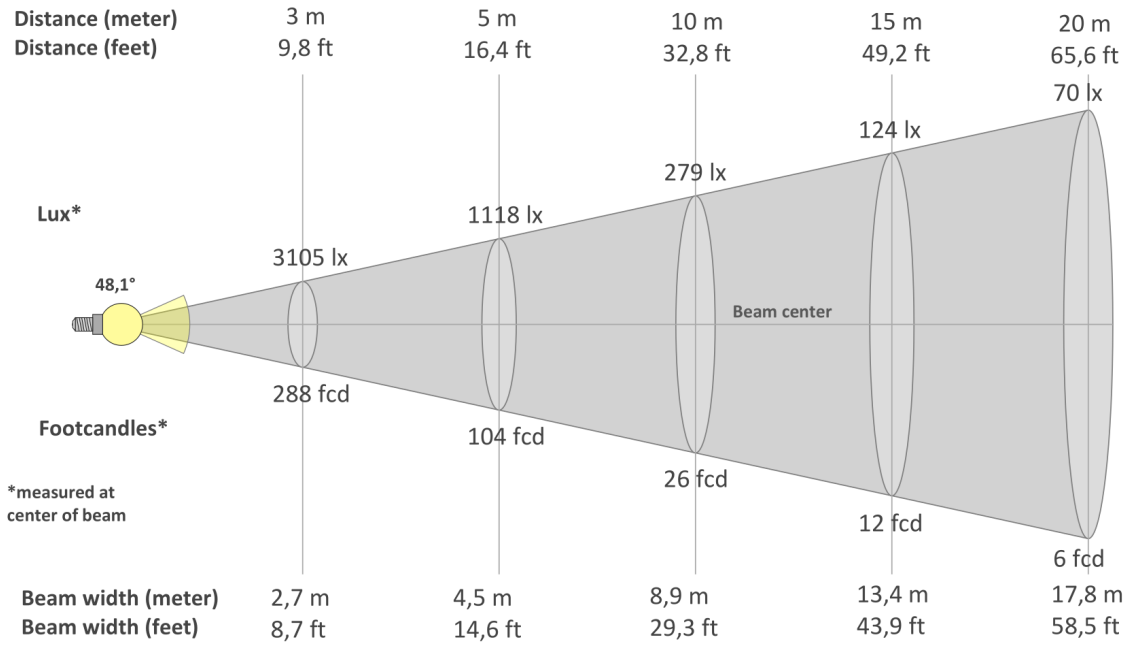
PHOTOMETRICS

Full On - Min zoom



Beam angle (50%): **14.8°**	Field angle (10%): **25.3°**	Cut-off angle (2.5%): **32.8°**

Full On - Max zoom



Beam angle (50%): **48.1°**	Field angle (10%): **79.5°**	Cut-off angle (2.5%): **105.5°**