EclFresnel JrTW

ORDER CODE: ECLFRESNELJTW



VERSIONS

	Code	Finishing
	**ECLFRESNELJTW**	**Black**
	ECLFRESNELJTWWH	White

SOURCE
130W 6 colour custom LEDs source (red, orange, green, royal blue, blue, lime)

ZOOM RANGE
16° - 80° manual

IP RATING
IP20

WEIGHT
6kg / 13.23lbs

LUMINOUS FLUX (MAX)
1'610 lm

CRI
91 @3.200 K

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	130W 6 colour custom LEDs source (red, orange, green, royal blue, blue, lime)
Source CCT:	2.800 K - 10.000K
Luminous flux:	(16°) 1'610 lm - (80°) 2'952 @Full
Lux:	(16°) 709 lx - (80°) 145lx @5 m full
CRI:	91 @3.200 K; 92 @5.600 K
R9:	95 @3.200 K; 93 @5.600 K
TLCI:	86 @5.600 K
TM30 Rf:	88 @3.200 K; 86 @5.600 K
TM30 Rg:	106 @3.200 K; 104 @5.600 K
Source life expectancy:	> 50.000 h

OPTICS

Zoom range:	16° - 80° manual
Lens diameter:	150mm
Lens type:	fresnel zoom lens

COLOUR SYSTEM

Colour mixing:	tunable white + colour
CCT:	CCT control, + / - green correction, tungsten emulation
White presets:	2.800 K - 10.000K
Colour wheel:	virtual colour wheel with macros
Macros:	several pre-built macros with adjustable speed

DYNAMIC EFFECTS

Static mode:	selection of static colour
Manual mode:	manual adjustment of intensity, CT, colour correction from knob
Auto mode:	built-in programs with execution speed adjustment
Special features:	linear crossfade channel from any white to any colour; virtual CTO on colours

CONTROL

Supported Protocols:	DMX512, RDM, rotatory knob
DMX channels:	1 / 2 / 5 - 1 / 5 - 2 / 7 / 9 / 12 / 13 / 16 / 19 / 21ch
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface
Other:	16bit control of dimmer and colour

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)

BATTERY

Battery:	29,6V 4400 mAh external battery (optional ECLFRSJBP4)
Recharge connection:	connection for external battery throught XLR 4p
Other:	Voltage range: 22,4V-33,6V

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):	106W
Output (at 230V):	22 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)
Dimensions (WxHxD):	235x360x260mm
Weight:	6kg

INSTALLATION

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

CERTIFICATIONS / REPORTS

Compliance:	CE, RCM

BOX CONTENT

1 x ECLFRESNELJTW

1 x ECLFRSJBD

1 x ECLFRSPG

1 x ECLFRSJTPG

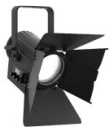
1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)

ACCESSORIES & RELATED PRODUCTS



ECLFRSPG

Spigot for PROLIGHTS fixtures



ECLFRSJBD

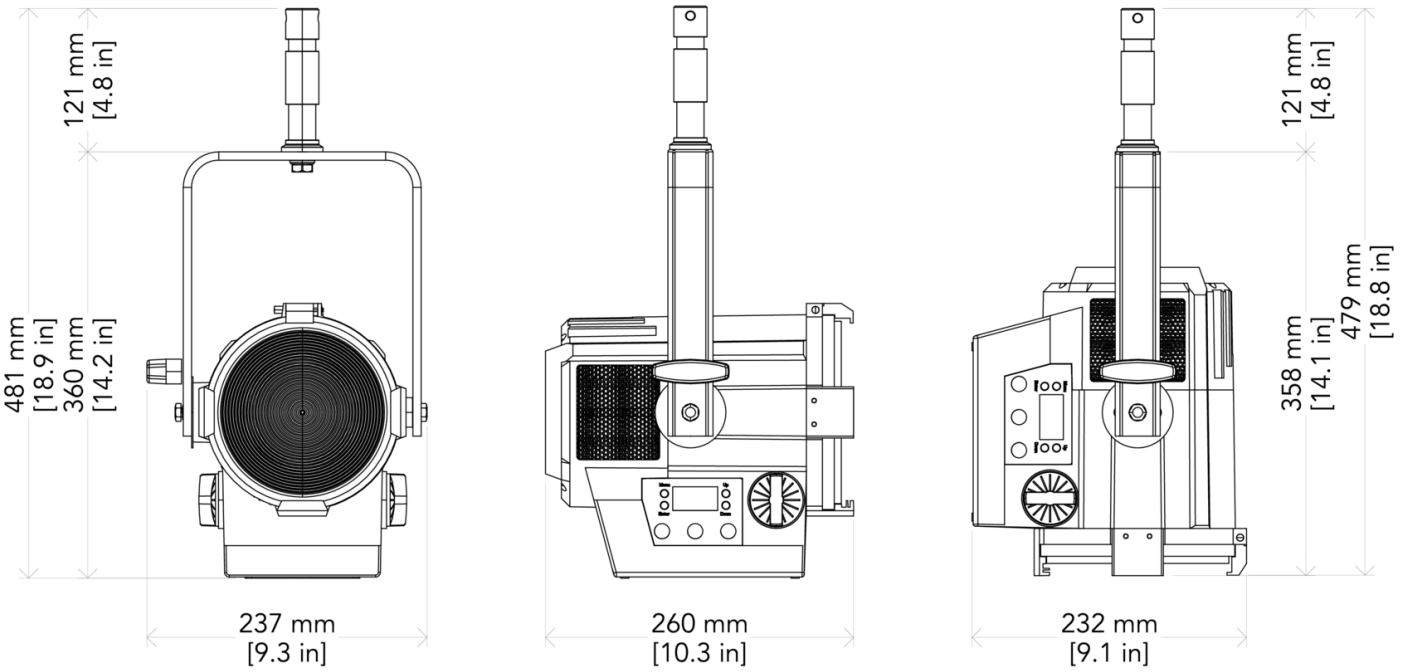
Barn door with 8 directional black flaps to adjust the light beam



UPBOXPRO

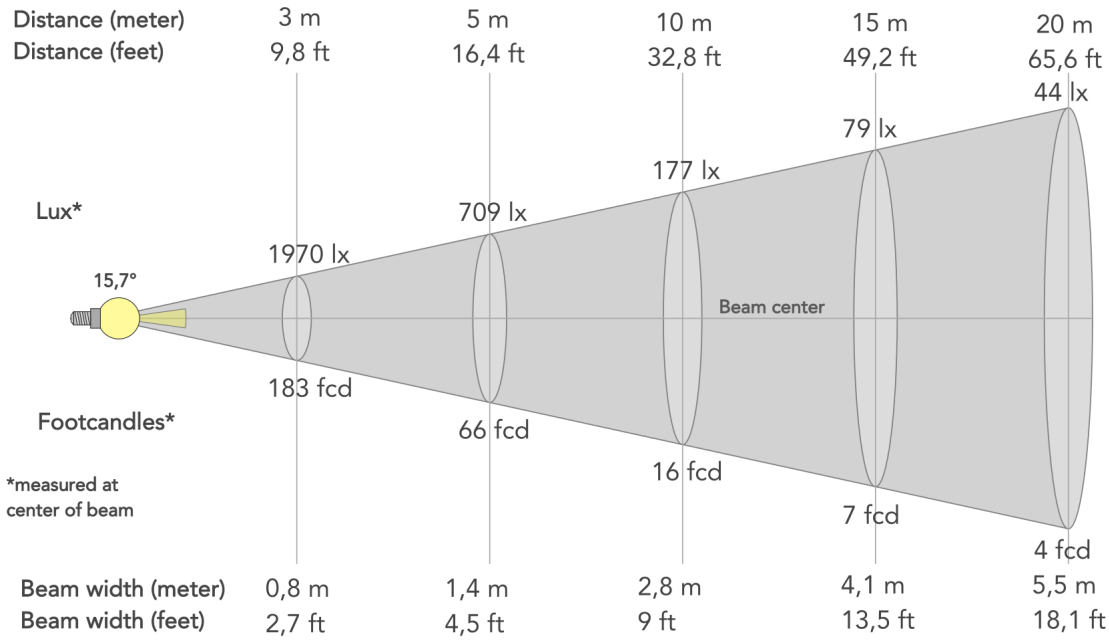
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



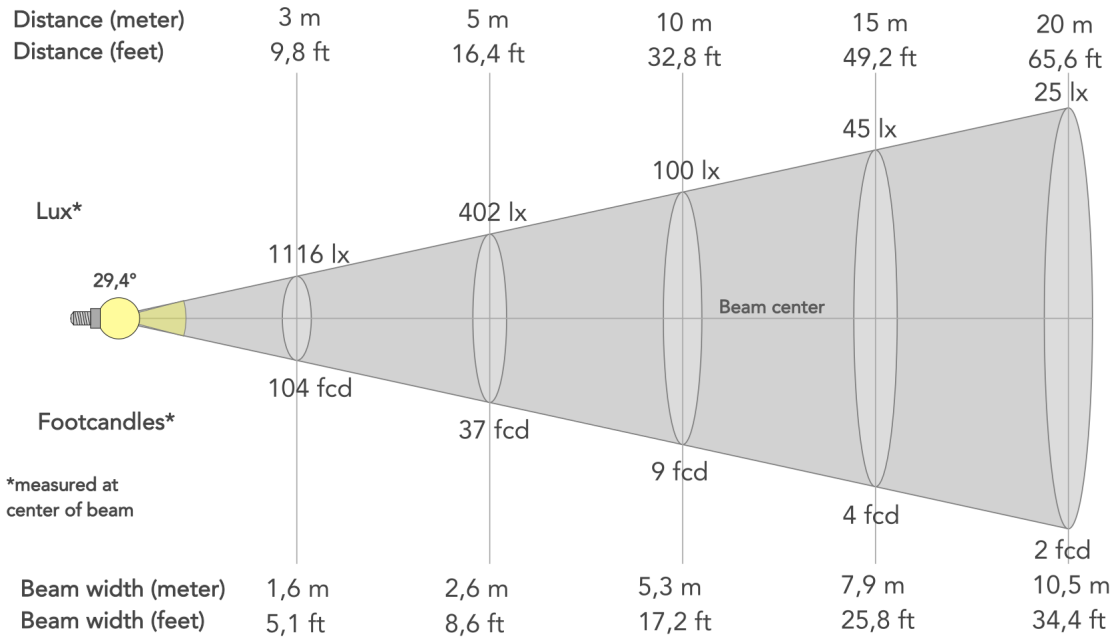
PHOTOMETRICS

Full on - 15°



Beam angle (50%): **15.7°**	Field angle (10%): **27.4°**	Cut-off angle (2.5%): **33.4°**

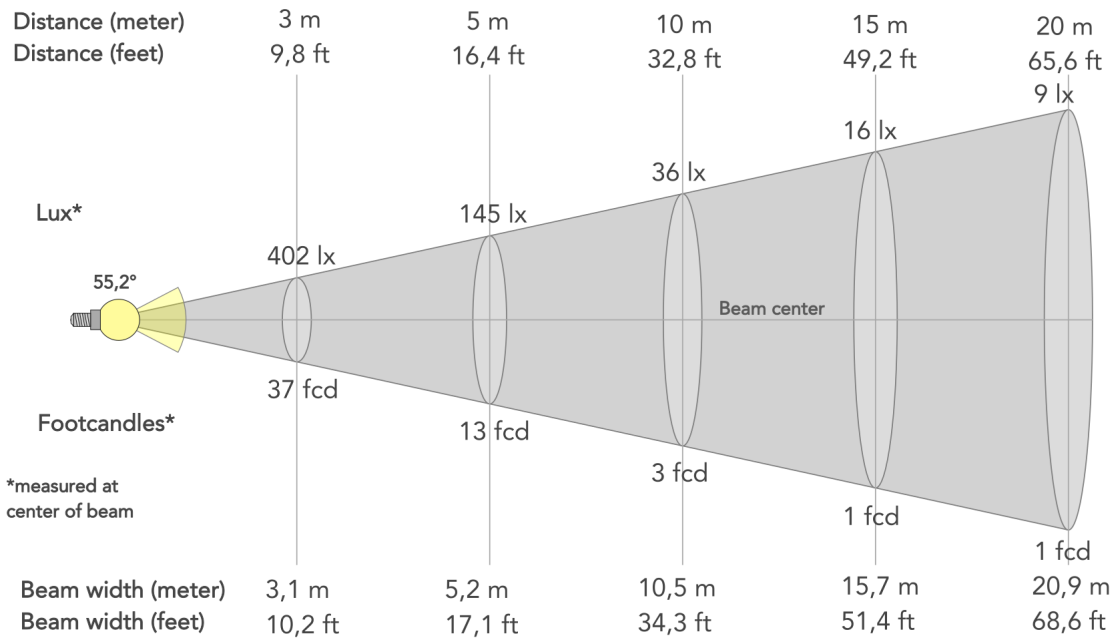
Full on - 30°



Beam angle (50%): **29.4°**	Field angle (10%): **47.6°**	Cut-off angle (2.5%): **56.7°**

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Full on - 45°



Beam angle (50%): **55.2°**	Field angle (10%): **80.3°**	Cut-off angle (2.5%): **96.9°**