EclFresnel TW

ORDER CODE: ECLFRESNELTWWH



VERSIONS

	Code	Finishing
	ECLFRESNELTW	Black
	**ECLFRESNELTWWH**	**White**

SOURCE
260W 6 colour custom LEDs source (red, orange, green, royal blue, blue, lime)

ZOOM RANGE
17° - 91° manual

IP RATING
IP20

WEIGHT
7,5kg / 16.53lbs

LUMINOUS FLUX (MAX)
4'653 lm

CRI
90 @3.200 K

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	260W 6 colour custom LEDs source (red, orange, green, royal blue, blue, lime)
Source CCT:	2.800 K ~ 10.000K
Luminous flux:	(17°) 4'653 lm - (91°) 7'896 @Full
Lux:	(17°) 1'678 lx - (91°) 344lx @5 m full
CRI:	90 @3.200 K; 89 @5.600 K
R9:	80 @3.200 K; 87 @5.600 K
TLCI:	77 @5.600 K
TM30 Rf:	87 @3.200 K; 81 @5.600 K
TM30 Rg:	106 @3.200 K; 106 @5.600 K
Source life expectancy:	> 50.000 h

OPTICS

Zoom range:	17° - 91° manual
Lens diameter:	200mm
Lens type:	Fresnel zoom lens
Focus:	manual

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
Master/Slave:	for synchronised operation of more units linked in a chain
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)

CONNECTIONS

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

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TECHNICAL SPECIFICATIONS

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	260W
Output (at 230V):	17 units on a single power line
Standby power:	33,9 W
Power factor:	>0,93

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 -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	283x440x343mm
Dimensions with PO system (WxHxD):	341x545x343mm
Weight:	7,5kg
Weight with PO system:	9,7kg

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 ECLFRESNELTW

1 x ECLFRSBD

1 x ECLFRSPG

1 x ECLFRSTPG

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



ECLFRSBD

Barn door with directional flaps to adjust the light beam



FCLECLFRS

Flight case for 4x ECLFRESNEL



ECLFRSTPG

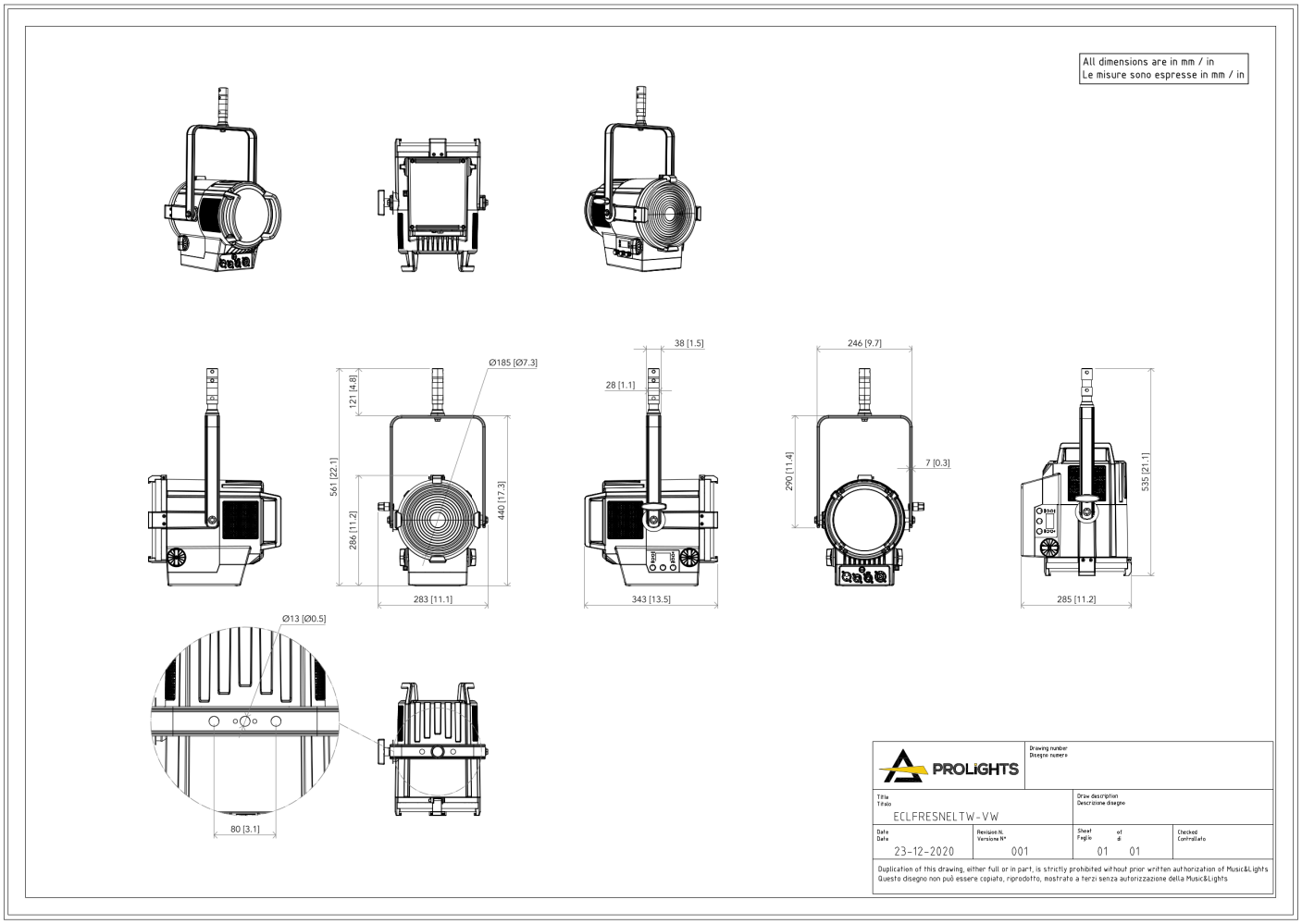
Filter frame for ECLFRESNEL series



UPBOXPRO

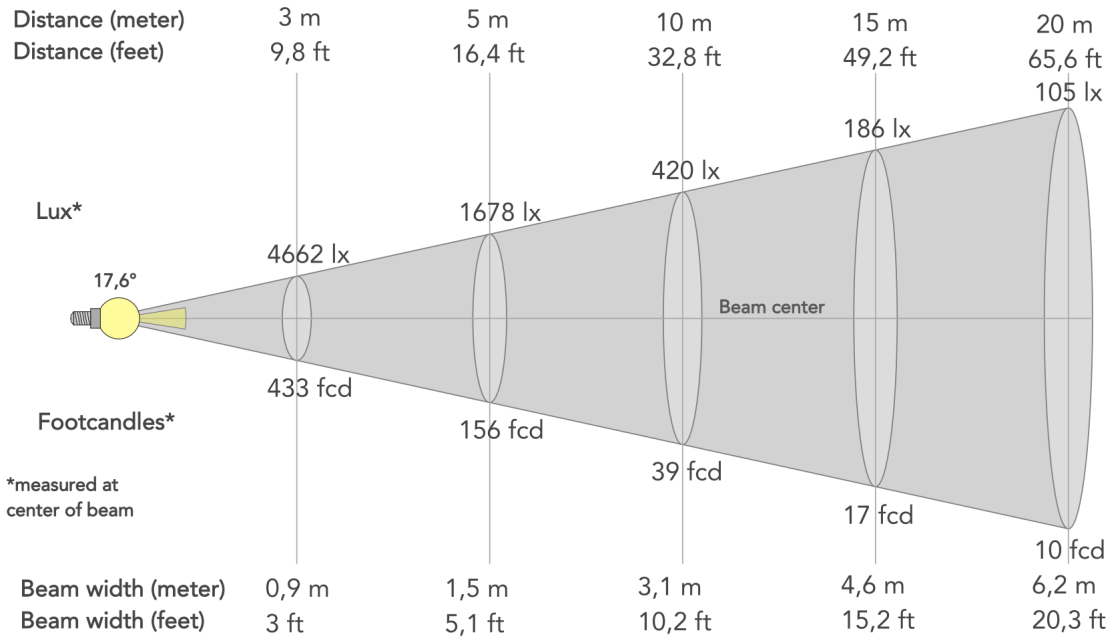
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



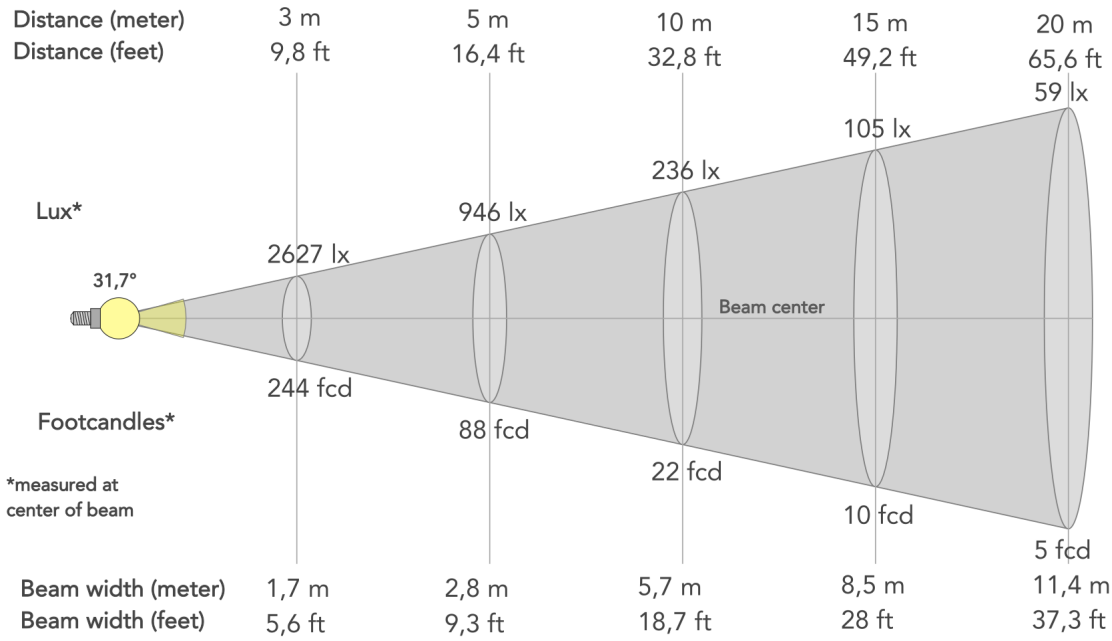
PHOTOMETRICS

Full on - 15°



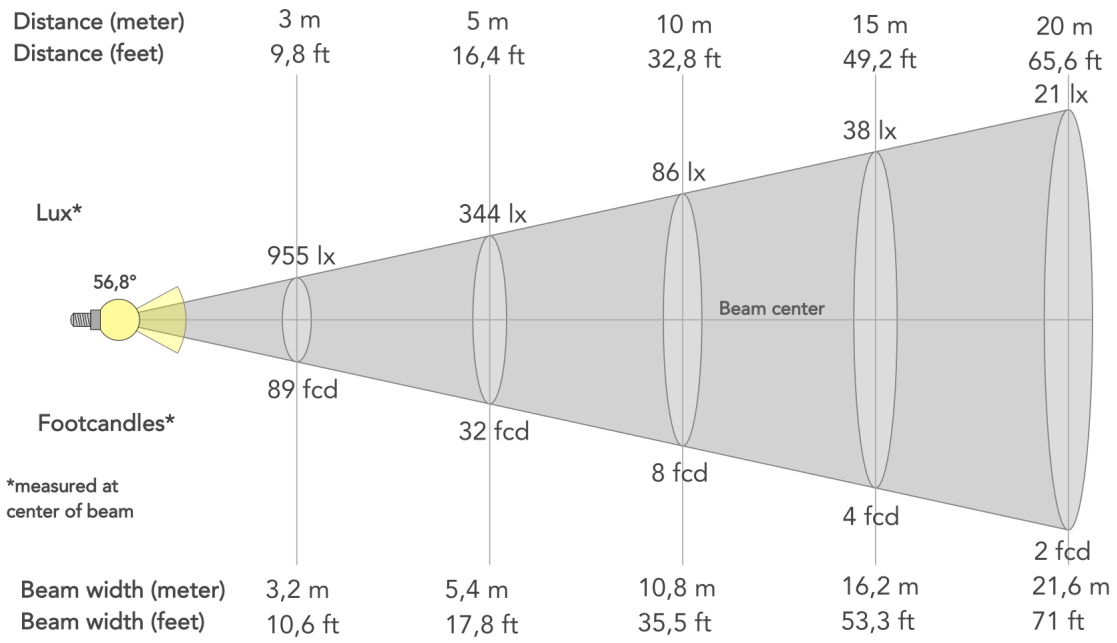
Beam angle (50%): **17.6°**	Field angle (10%): **31°**	Cut-off angle (2.5%): **38.1°**

Full on - 30°



Beam angle (50%): **31.7°**	Field angle (10%): **53.1°**	Cut-off angle (2.5%): **62°**

Full on - 45°



Beam angle (50%): **56.8°**	Field angle (10%): **91.7°**	Cut-off angle (2.5%): **108°**

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