EclFresnel PTW

ORDER CODE: ECLFRESNELPTW



VERSIONS

	Code	Finishing	RAL
	**ECLFRESNELPTW**	**Black**	**RAL 9004**
	ECLFRESNELPTWWH	White	RAL 9010

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

ZOOM RANGE
17° - 91° manual

IP RATING
IP20

WEIGHT
9,7kg / 21.38lbs

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

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

MOVEMENT

Pan:	360° with manual regulation
Tilt:	340° 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):	260W
Output (at 230V):	11 units on a single power line
Power factor:	>0,93

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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 -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	341x545x343mm
Weight:	9,7kg

INSTALLATION

Suspension and fixing:	bracket for hanging and floor positioning
Hardware on-board:	filter frame, 8-leaf barndoor and spigot
Other:	spigot 28 mm

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM

BOX CONTENT

1 x ECLFRESNELPTW

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

1 x ECLFRSBD

1 x ECLFRSTPG

ACCESSORIES & RELATED PRODUCTS



ECLFRSPG
Spigot for PROLIGHTS fixtures



ECLFRSBD
Barn door with directional flaps to adjust the light beam

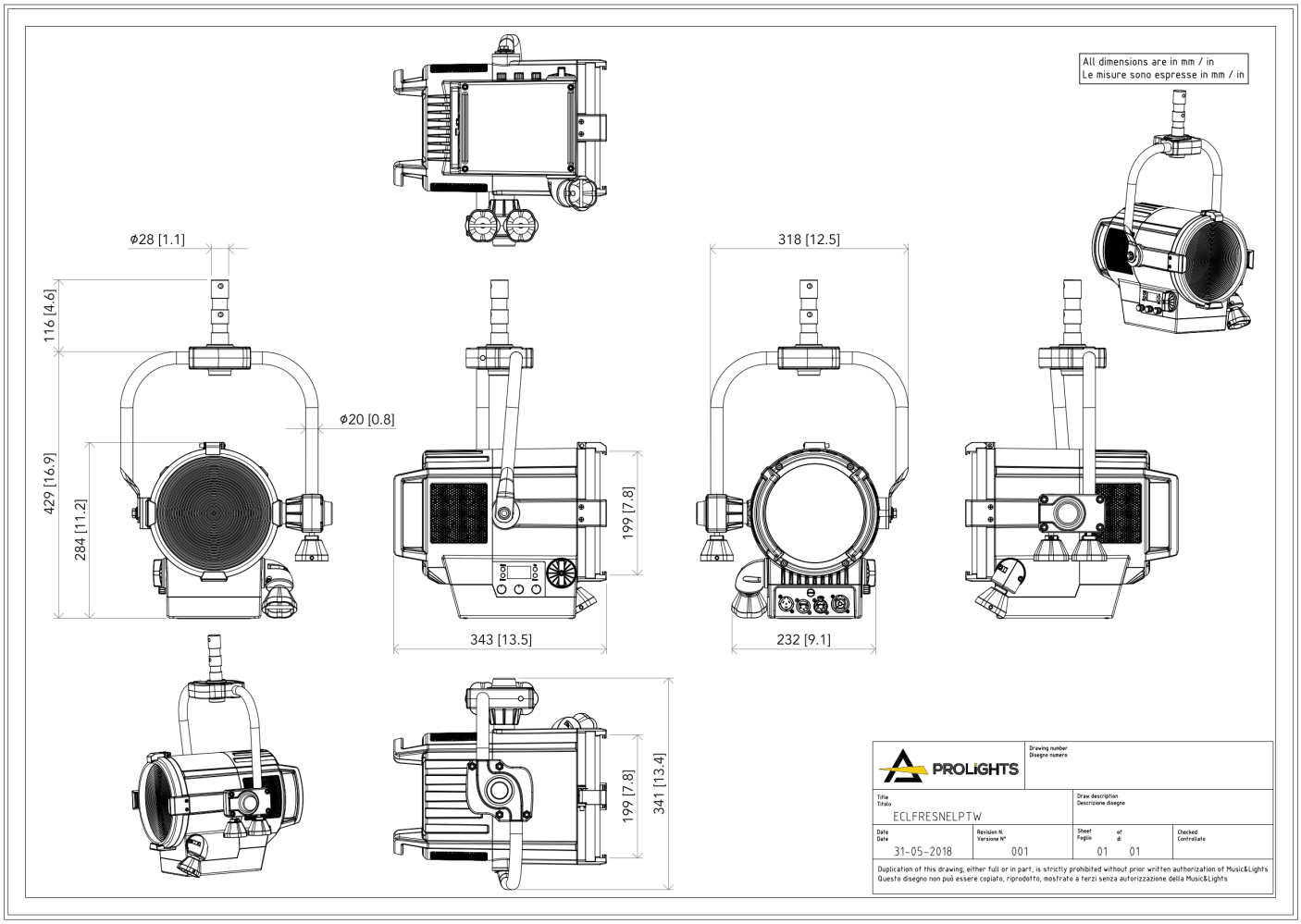


ECLFRSTPG
Filter frame for ECLFRESNEL series



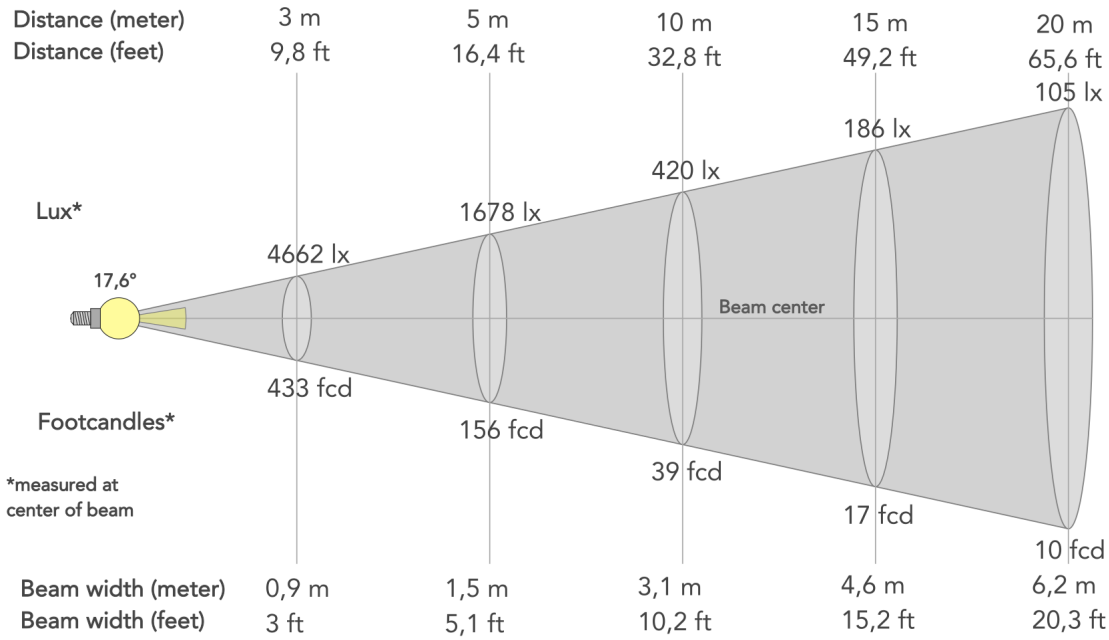
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



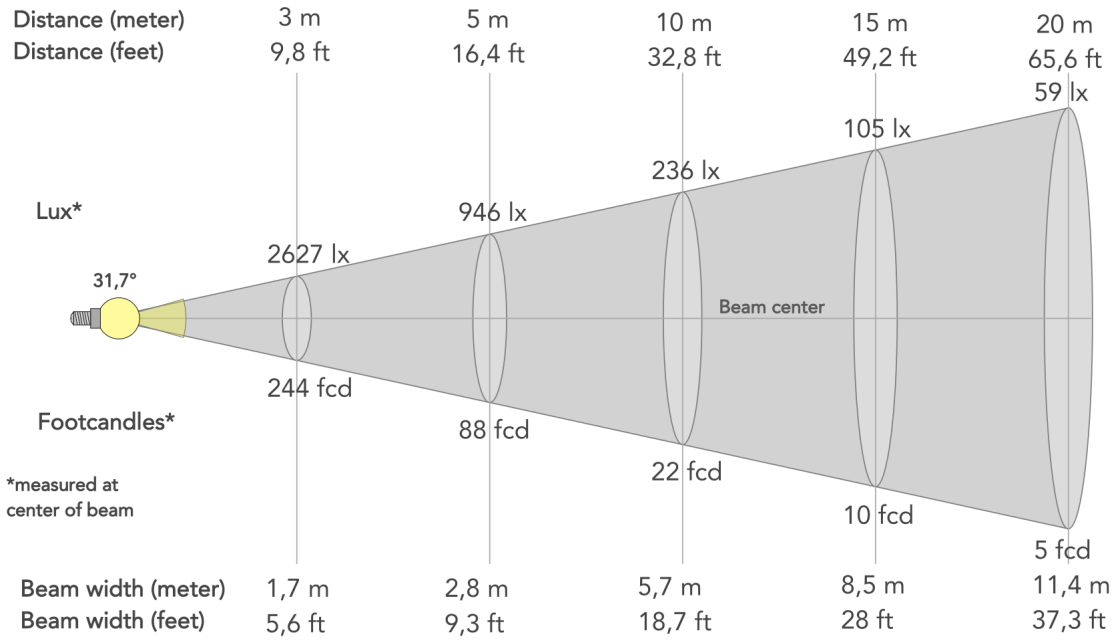
PHOTOMETRICS

Full on - 15°



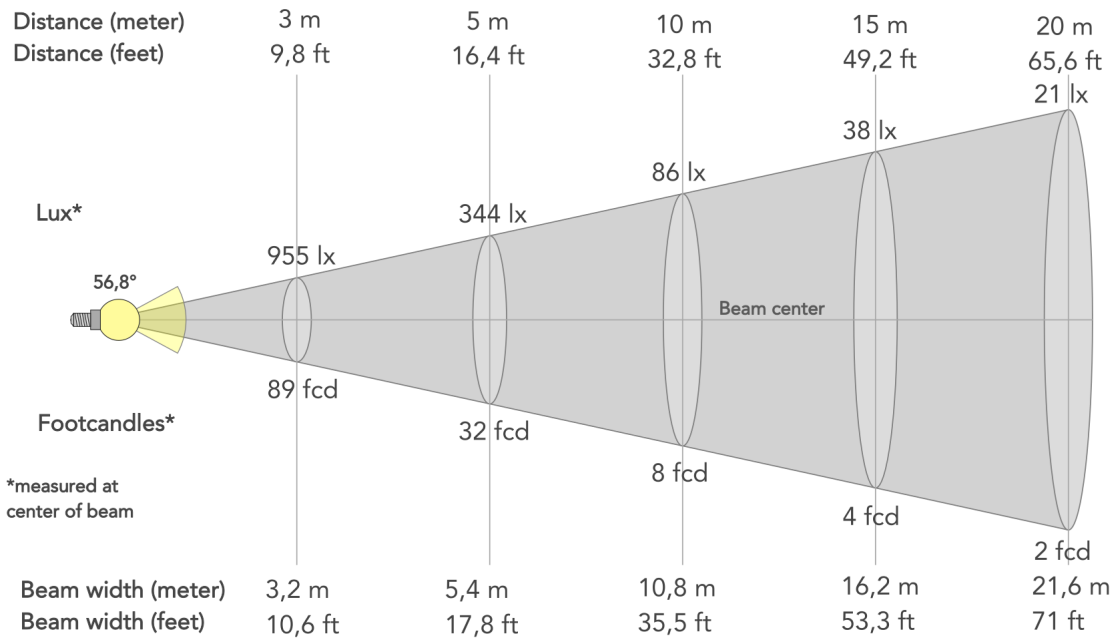
Beam angle (50%): **17.6°**	Field angle (10%): **31°**	Cut-off angle (2.5%): **38.1°**

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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