# **EclFresnel** PTW

ORDER CODE: ECLFRESNELPTWWH



**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

EclFresnel PTW is an advanced LED replacement of traditional 1.000W Fresnel lamps. Offering 6 colour mixing, delivering high precision reproduction of the white spectrum from 2.800 K to 10.000 K with high CRI and an extensive colour reproduction. The optical system harnesses the power of a 260 W custom LED with 6 colours to create an even projection, beautiful colours and precise white, with the option to apply +/- green and magenta correction to match other sources of light. Featuring HDL dimming and tuning from 2.800 K to 10.000 K version, the EclFresnel PTW delivers the performance and quality of output demanded from this level of luminaire.

## MAIN FEATURES

- Tunable white 2.800 K - 10.000 K with high CRI and extensive colour mixing
- +/- green and magenta white tuning
- Silent operation for studio and stage use

# EclFresnel PTW

PROLIGHTS

**ORDER CODE:** ECLFRESNELPTWWH

## 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

### 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

### 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

### 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

### INSTALLATION

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

### OPTICS

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

### 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

### 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

### 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

### 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

# EclFresnel PTW

ORDER CODE: ECLFRESNELPTWWH

## ACCESSORIES & RELATED PRODUCTS



**9513FXWL03**

Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m

**TOUR53415L03**

Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m



**ECLFRSPG**

Spigot for PROLIGHTS fixtures



**C6040B**

Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black



**C6002B**

Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White



**RSR0630B**

Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black



**9533FXWL03**

Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m



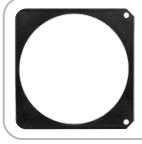
**958225L03**

3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m



**ECLFRSBD**

Barn door with directional flaps to adjust the light beam



**ECLFRSTPG**

Filter frame for ECLFRESNEL series



**EFSBUFDS**

SNAPBAG - Universal SMALL DEEPER for BARNDOORS



**SPGM10**

28mm spigot for fixtures, M10 bolt



**SPGM12**

28mm spigot for fixtures, M12 bolt



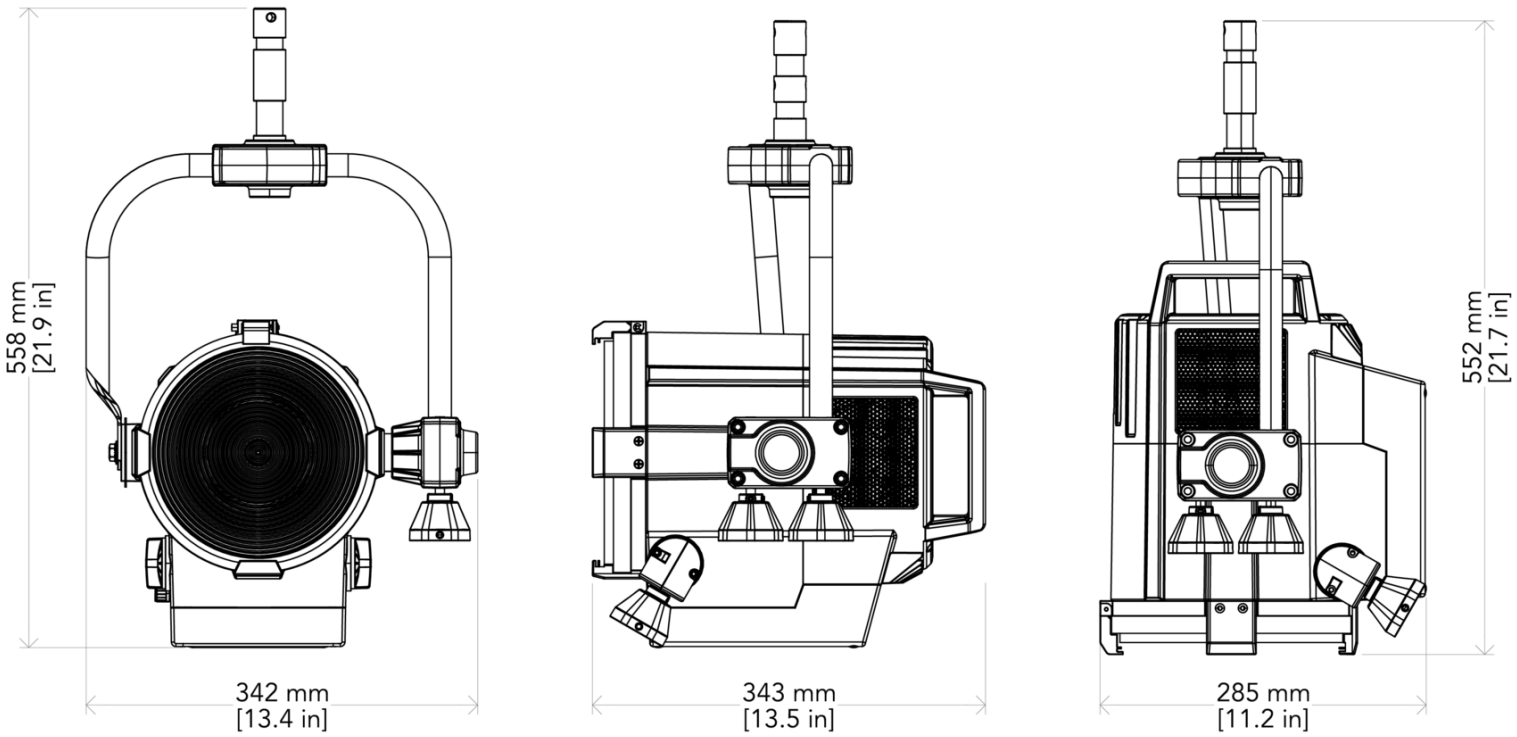
**UPBOXPRO**

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

# EclFresnel PTW

ORDER CODE: ECLFRESNELPTWWH

## TECHNICAL DRAWINGS




MUSIC & LIGHTS S.r.l.
Via A. Olivetti, snc
04026 - Minturno (LT) ITALY
info@prolights.it
Tel: +39 0771 72190
prolights.it
VAT No. IT 02057590594