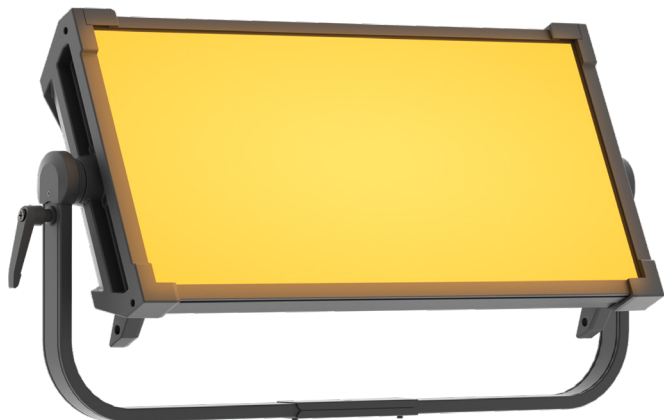# EclPanel TWC

740W Tunable White and colourful LED soft light with pixels and lighting effects (driven @ 430W)

ORDER CODE: **ECLPANELTWC**

EclPanel TWC, is the compact 2x1 LED soft light that provides a beautiful, wide source of soft and precise colours. In addition to this, the PROLIGHTS **EclPanel** TWC comes with a full range of white reproductions, from daylight through to tungsten tones, reaching a superior light quality with high CRI, TLCI and TM-30. The **EclPanel** TWC allows for quick and accurate local adjustment of light through 3 rotatory knobs with three fully featured modes: CCT with +/- green shift, HSI for total control of hue, saturation and intensity, FX mode to access the on board pixel cinema effects. The unit can also be controlled on a per-section basis, allowing for reproduction of onboard customisable effects or to be self-made through the lighting desk. Both methods provide eye-candy, with the appealing and modern front looks and cinematic special effects. The unit is designed with an onboard driver and built-in power supply and, being lightweight, the **EclPanel** TWC offers easy rigging and cabling making it the perfect lighting tool for every location.

MAIN FEATURES

- 740W RGB + Warm White Led source (driven @430W)
- CRI > 95,5; R9 > 92; TLCI > 92
- 8 section pixel control and built-in lighting effects for Cinema applications
- Silent operation with multiple fan modes
- Battery connection (4pXLR 24-36V): compatible with industry standard external batteries (optional)

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 740W RGB + Warm White LEDs (driven @ 430W)
- Luminous flux: 34'236lm @4.000 K with MD filter
- Lux: @4000K, 517lx @5 m
- CRI: 94,6 @3.200 K; 95,5 @5.600 K
- R9: 97 @3.200 K; 92 @5.600 K
- TLCI: 92 @5.600 K
- TM30 Rf: 92 @3.200 K; 89,5 @5.600 K
- TM30 Rg: 103 @3.200 K; 102,4 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle: 102°
- Field angle: 159°
- Lens type: Medium Density diffusion panel (interchangeable)
- Additional optics: see available accessories

COLOUR SYSTEM
- Colour control: XY, CCT, RGBW, Gel, HSI, Source Emulation, Color Macros, CTO on colors
- Colour mixing: RGB + Warm White
- CCT: CCT control range from 2.200K to 15.000K, + / - green correction, tungsten emulation
- White presets: 2.800K - 10.000K with 28 K resolution
- Colour wheel: virtual colour wheel with macros
- Macros: Gels library on-board

DYNAMIC EFFECTS
- Control Resolution: 16-bit dimmer, colours
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects patterns
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

BODY
- Body: sturdy die-cast aluminium body
- Body colour: black

CONTROL
- Protocols: DMX512, RDM, W-DMX, rotatory knob
- Stand Alone: selectable mode through 3 rotatory knobs
- Pixel control: 8 section control
- Wireless Control: included, Wireless Solution transceiver
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 36.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 24-36V
- Max power consumption: 460W
- Power factor: >0,94

PHYSICAL
- IP rating: 20
- Cooling: active, silent operation
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Low Voltage DC connector: XLR 4p
- Dimensions (WxHxD): 819x431x144 mm / (with PO system) 836x431x144mm
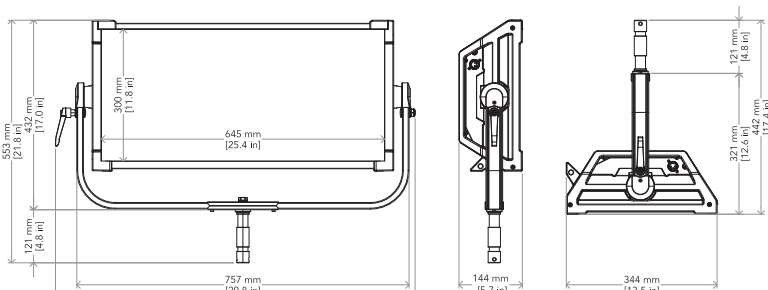- Weight: 15,3 / (with PO system) 17,1kg

CERTIFICATIONS / APPROVALS
- CE, cTUVus, UKCA

ACCESSORIES & RELATED PRODUCTS

▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
▪ 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ TOUR53415L03	Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m
▪ WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
▪ WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
▪ WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
▪ WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM,Bluetooth,G3,G4,G4S,G5,CRMX
▪ FCLPANEL1U	Flight case for 1 pc of ECLPANELTWC
▪ FCLPANEL3U	Flight case for 3 pcs of ECLPANELTWC
▪ ECLPANELPOYO	Pole operated aluminium yoke bracket for ECLPANELTWC
▪ EPTWCBAG1U	Trolley bag for 1 pc of ECLPANELTWC
▪ EPTWCRC	Rain Cover for ECLPANELTWC
▪ EPTWCFILTERINT	Front intensified diffusion filter for ECLPANELTWC
▪ EPTWCFILTERHD	Front high diffusion filter (less output) for ECLPANELTWC
▪ EPTWCFILTERMD	Front medium diffusion filter for ECLPANELTWC
▪ EPTWCFILTERLD	Front low diffusion filter (more output) for ECLPANELTWC
▪ ECLFRSPG	Spigot for PROLIGHTS fixtures
▪ EPTWCEC30	30 degree egg crate for ECLPANELTWC
▪ EPTWCEC60	60 degree egg crate for ECLPANELTWC
▪ EPTWCEC8C	8 chamber egg crate for ECLPANELTWC
▪ EPTWCBD	Barn door with 4 directional flaps to adjust the light beam

▪ EPTWCBDR2	Barn door with 4 directional flaps to adjust the light beam
▪ EPTWCSB21	SnapBag 2x1 for ECLPANELTWC by DoP choice
▪ EPTWCSG4SB2140	40° SnapGrid for SnapBag, 2x1 for ECLPANELTWC by DoP choice
▪ EPTWCSG2140	40° SnapGrid, 2x1 for ECLPANELTWC by DoP choice
▪ EPSRER	Rabbit-Ears 2x1 Rectangular for ECLPANELTWC by DoP choice
▪ EPSBRL3	Snapbag Lantern 3' for Rabbit-Ears by DoP. Incl. Lantern, Backcovers, Carry Bag
▪ EPSBRL3C4	Cover for Snapbag Lantern 3' (EPSBRL3) by DoP choice; 4 sides, adj. with zipper
▪ EPSBRM	SnapBag Medium to be mounted on Rabbit Ears by DoP.
▪ EPSGCM40	40° SnapGrid, to be mounted on Snap Bag Medium (EPSBRM)
▪ EPSBRO3	Snapbag Octa 3' to be mounted on Rabbit-Ears by DoP.
▪ EPSGC3W40	40° SnapGrid, to be mounted on Snap Bag Octa 3' (EPSBRO3)
▪ EPSBRO5	Snapbag Octa 5' to be mounted on Rabbit-Ears by DoP.
▪ EPSGC5W40	40° SnapGrid, to be mounted on Snap Bag Octa 5' (EPSBRO5)
▪ EPSBRO7	Snapbag Octa 7' to be mounted on Rabbit-Ears by DoP.
▪ EPSGC7W40	40° SnapGrid, to be mounted on Snap Bag Octa 7' (EPSBRO7)
▪ EPSBCFNSM	Diffusion MAGIC cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPSBCFNSF	Diffusion FULL Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPSBCFNSH	Diffusion HALF Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPSBCFNSQ	Diffusion QUARTER Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPSBCFNSQFM	Diffusion cloth SET(1/4,1/1,MAGIC) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPSBCFNSQHF	Diffusion cloth SET (1/4, 1/2,1/1) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPTWCLANT21	Snapbag Lantern for ECLPANELTWC by DoP. Incl. Lantern, Backcovers, Carry Bag
▪ SWIT500W2KIT	24/48V 500W battery (>1.2hrs) KIT including 2*PBH260S smart power batt.+st.adapt
▪ UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

TECHICAL DRAWINGS

For more product info and downloads visit our website