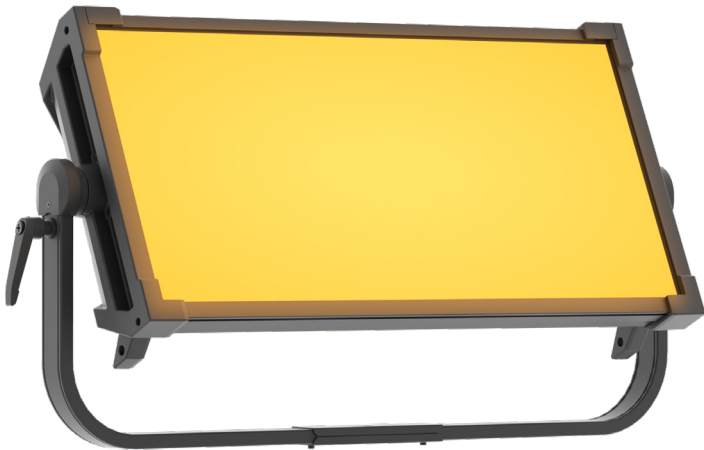


# EclPanel TWC

740W Tunable White and colourful LED soft light with pixels and lighting effects

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
- 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
- Luminous flux: 34'236 lm @4.000 K with MD filter
- Lux: @4.000 K, 517 lx @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 mixing: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.800 K - 10.000 K with 28 K resolution
- Colour wheel: virtual colour wheel with macros

### DYNAMIC EFFECTS

- Control Resolution: 16bit 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
- W-DMX: included, wireless solution receiver
- RDM: RDM ready 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: -20° ~ +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: 440W
- Power factor: >0,94

### PHYSICAL

- 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
- IP rating: 20
- Dimensions (WxHxD): 819x431x144 mm / (with PO system) 836x431x144 mm
- Weight: 15,3 / (with PO system) 17,1 kg

## ACCESSORIES & RELATED PRODUCTS

- |                  |   |
|------------------|---|
| • FCLPANEL1U     | Flight case for 1 pc of ECLPANELTWC                         |
| • FCLPANEL3U     | Flight case for 3 pcs of ECLPANELTWC                        |
| • ECLPANELPOYO   | Pole operated aluminium yoke bracket                        |
| • EPTWCFILTERINT | Front intensified diffusion filter for ECLPANELTWC          |
| • EPTWCFILTERHDD | Front high diffusion filter (less output)                   |
| • EPTWCFILTERMDD | Front medium diffusion filter (included)                    |
| • EPTWCFILTERLDD | Front low diffusion filter (more output)                    |
| • ECLFRSPG       | Spigot for PROLIGHTS Fresnel series (included)              |
| • EPTWCCEC30/60  | 30/60 degree egg crate for ECLPANELTWC                      |
| • EPTWCCEC8C     | 8 chamber egg crate for ECLPANELTWC                         |
| • EPTWCBD        | Barn door with 4 directional flaps to adjust the light beam |

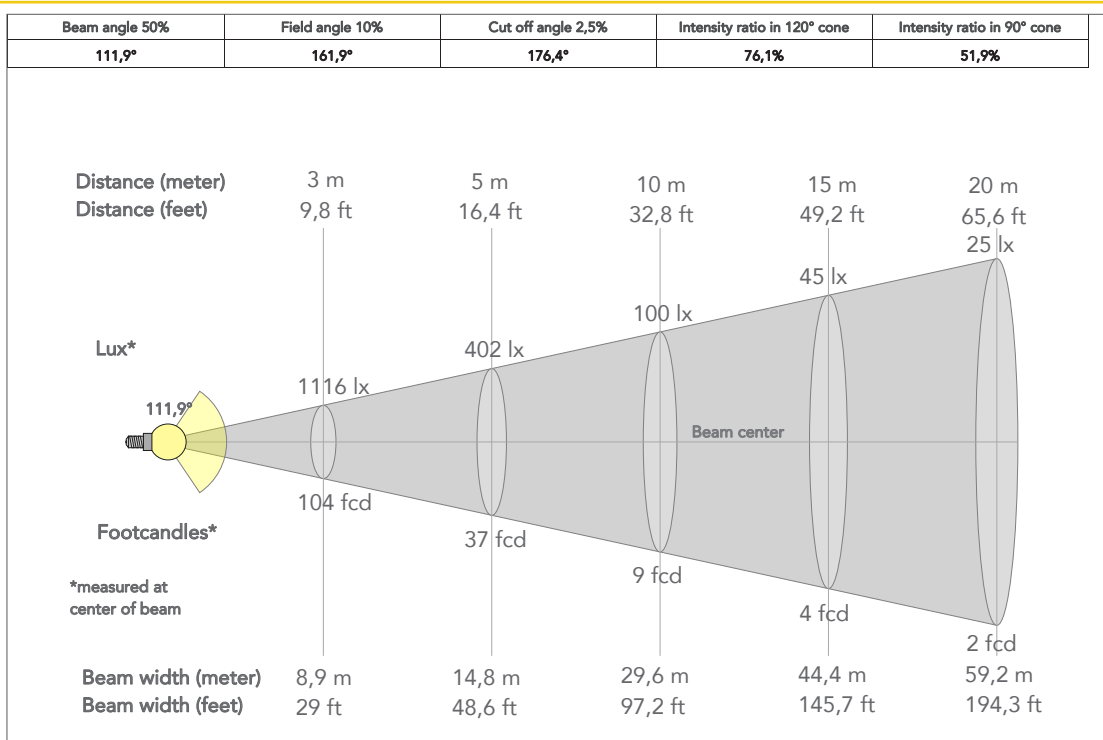
- |                  |   |
|------------------|---|
| • EPTWCBDR2      | Barn door with 4 directional flaps to adjust the light beam                     |
| • EPTWCSB21      | SnapBag 2x1 for ECLPANELTWC by DoP choice                                       |
| • EPTWCSG4SB2140 | 40° SnapGrid for SnapBag, 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.                             |

## ACCESSORIES & RELATED PRODUCTS

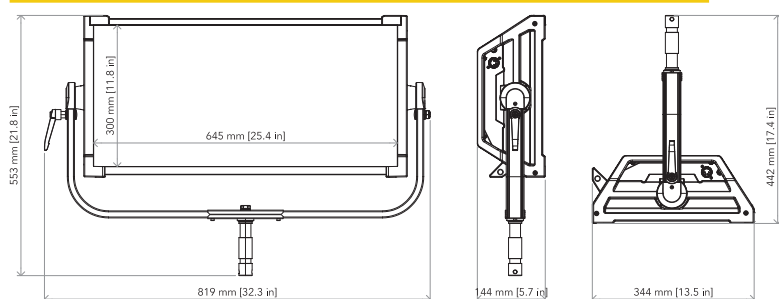
▪ EPSGCM40	40° SnapGrid, to be mounted on Snap Bag Medium (EPSBRM)	▪ EPSBCFNH	Diffusion HALF Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPSBRO3	Snapbag Octa 3' to be mounted on Rabbit-Ears by DoP.	▪ EPSBCFNSQ	Diffusion QUARTER Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPSGC3W40	40° SnapGrid, to be mounted on Snap Bag Octa 3' (EPSBRO3)	▪ EPSBCFNSQFM	Diffusion cloth SET(1/4, 1/1, MAGIC) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPSBRO5	Snapbag Octa 5' to be mounted on Rabbit-Ears by DoP.	▪ EPSBCFNSQHF	Diffusion cloth SET (1/4, 1/2, 1/1) for Snapbag 60x90cm (EPTWCSB21) by DoP choice
▪ EPSGC5W40	40° SnapGrid, to be mounted on Snap Bag Octa 5' (EPSBRO5)	▪ SWIT500W2KIT	24/48V 500W battery (>1.2hrs) KIT including 2*PBH260S smart power batt.+st.adapt
▪ EPSBRO7	Snapbag Octa 7' to be mounted on Rabbit-Ears by DoP.	▪ C6040B	Heavy-load aluminum clamp, 500kg loa, 48-51mm tubes, M10 bolt inc., Black
▪ EPSGC7W40	40° SnapGrid, to be mounted on Snap Bag Octa 7' (EPSBRO7)	▪ UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT
▪ EPSBCFNHSM	Diffusion MAGIC cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice		
▪ EPSBCFNHNF	Diffusion FULL Grid cloth for Snapbag 60x90cm (EPTWCSB21) by DoP choice		

## PRESET 4.000 K (FILTER MD)

Beam angle 50%: 102°



## TECHICAL DRAWINGS



For more product  
info and downloads  
visit our website

