

# EclNanoPanel TWC



Pocket-sized soft light, with wireless control (CRMX and W-DMX) and battery-powered



ECLNPTWCPACK

ECLNANOPANELTWC

The **EclNanoPanel TWC** is the smallest member of the successful **EclPanel** range, containing all the outstanding features of the larger format soft lights in a pocket-sized, battery-operated luminaire with a surprisingly powerful 1,800-lumen output. This compact fixture has the same colour technology as the other soft lights, producing rich colours, high-quality white tones, colour gel matching, and onboard pixel cinema effects. The **EclNanoPanel TWC** has three precision encoders with multiple stand-alone control modes: CCT with +/- green shift, CCT presets, HSI for total control of hue, saturation and intensity, RAW RGBW mode, XY and FX mode, allowing to scroll through the built-in cinema effects engine. Each of the four sections has individual or simultaneous control, allowing to play customizable, cinematic effects through its FX engine or from a console. Magnetized beam-shaping optical accessories are available, including eggcrates, barndoors, diffusers, and threads for easy mounting on stands or camera rigs. The fixture is controlled from its user interface or via the built-in Wireless DMX/RDM transceiver (CRMX and W-DMX).

## MAIN FEATURES

- Pocket-sized soft light with wireless control (CRMX and W-DMX) and battery-powered.
- 30W RGB + Warm White LED source, surprisingly powerful 1,800 lumen output.
- Magnetized beam-shaping optical accessories are available.

## ECLNPTWCPACK

- 1 x ABS case
- 4 x ECLNANOPANELTWC (includes: ENPTWCFILTERLD on-board)
- 1 x 4-way charger
- 4 x position articulated joint (ENPTWCPAJ)
- 4 x barndoors (ENPTWCBD)
- 4 x Y Cable from XLR 5P male, XLR 5P female and USB-C female to USB-C male (ENPTWCYCABLE)

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 30 W RGB + Warm White
- Luminous flux: 1'829 lm @3.200 K with LD filter
- Lux: 690 lx @1 m
- CRI: 94,6 @3.200 K; 94,9 @5.600 K
- R9: 97,1 @3.200 K; 96 @5.600 K
- TLCI: 92 @5.600 K
- TM30 Rf: 97,7 @3.200 K; 89,3 @5.600 K
- TM30 Rg: 102,5 @3.200 K; 102,3 @5.600 K
- Source life expectancy: > 50.000 h

### OPTICS

- Beam angle: 105 °
- Field angle: 159 °
- Lens type: magnetic light density diffusion panel (interchangeable)
- Additional optics: see available accessories

### COLOUR SYSTEM

- Colour control: XY, CCT, RGBW, Gel, HSI, Source Emulation, colour macros, CTO on colours
- Colour mixing: RGB + Warm White
- CCT: CCT control range from 2.200K to 15.000K, + / - green correction, tungsten emulation
- White presets: 2,800 K - 10,000 K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built pixel macros with adjustable speed

### DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer, colours
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects patterns
- FX generator: 4 controllable sections
- 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

### BODY

- Body: sturdy polycarbonate body
- Body colour: black

### CONTROL

- Protocols: CRMX+W-DMX, DMX512, RDM
- Stand Alone: selectable mode through 3 rotatory knobs
- Wireless Control: included, Lumen Radio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1 + ENPTWCYCABLE) not included
- IR: infrared sensor controlled by remote (included in the pack, not included in single unit)
- Master/Slave: for synchronised operation of more units linked in a chain

### ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: 0° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 36.000 Hz

### ELECTRICAL

- Max power consumption: 32 W
- Mains power supply: DC 12V
- Power factor: >0,97

### BATTERY

- Battery: 11.1 V lithium
- Estimated battery life: (selectable) 2 h - 6 h - 8 h - 12 h - 18 h
- Re-charge connection: USB type C
- Re-charge time: 2,5 h/max
- Battery status: shown on display

### PHYSICAL

- IP rating: 20
- Cooling: passive cooling and fan-free
- Suspension and fixing: M5 and 1/4" threaded insert for easy installation
- Adaptors: USB type C to XLR connectors
- Low Voltage DC connector: USB type C
- Dimensions (WxHxD): 150x150x69,5 mm
- Weight: 1,2 kg

### CERTIFICATIONS / APPROVALS

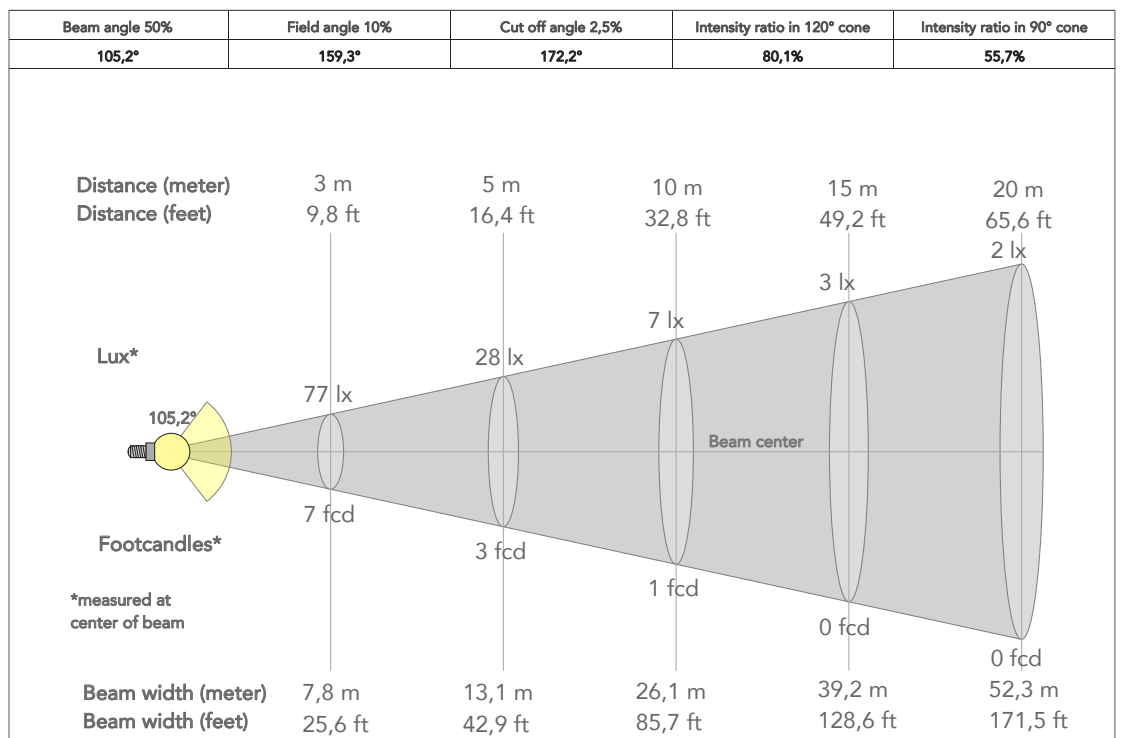
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

## ACCESSORIES & RELATED PRODUCTS

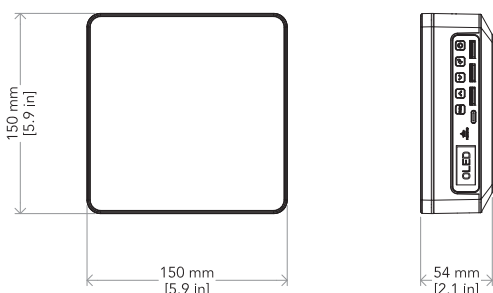
- ENPTWCBD Barn door with 4 directional flaps to adjust the light beam
- ENPTWCAS Fixing system with air sucker for ECLNANOPANELTWC
- ENPTWCFILTERINT Front intensified diffusion filter for ECLNANOPANELTWC
- ENPTWCFILTERHD Front high diffusion filter (less output) for ECLNANOPANELTWC
- ENPTWCFILTERMD Front medium diffusion filter for ECLNANOPANELTWC
- ENPTWCFILTERLD Front low diffusion filter (more output) for ECLNANOPANELTWC
- ENPTWCRMP Rear metal plate for ECLNANOPANELTWC
- ENPTWCSPA Spigot adapter for ECLNANOPANELTWC
- ENPTWCPAJ Position articulated joint for ECLNANOPANELTWC
- ENPTWCMAG Fixing system with magnet for ECLNANOPANELTWC and ECLSOFTTUBE100
- ENPTWCMAGADP M10 to 1/4" adapter to use ENPTWCMAG with ECLNANOPANELTWC
- EST100MAGADP M10 to M5 adapter to use ENPTWCMAG with ECLNANOPANELTWC and ECLSOFTTUBE100
- EST100FY Tripod for ECLSOFTTUBE100
- ENPTWCCHARGER Single charger for ECLNANOPANELTWC
- ENPTWCYCABLE Y Cable from XLR 5P male, XLR 5P female and USB-C female to USB-C male
- ENPTWCUSB SnapBag for ECLNANOPANELTWC by DoP choice
- ENPTWCWSG4SB40 40° SnapGrid for SnapBag for ECLNANOPANELTWC by DoP choice
- 9333FXWL03 Ass. 3x2.5mm TH07 cable, SHUKO plug, SETSAC3FX socket, L.3m
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- RSR0630B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- 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
- UPBOX1UP5 Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT

## PRESET FULL ON 3,200K

Beam angle 50%: LD filter



## TECHNICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573  
 Certified to CSA STD: C22.2 NO. 166

Visit our website for specifications and tech documentations

