

EclNanoPanel TWC

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

ORDER CODE: **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 compact-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

- Compact-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

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 30W RGB + Warm White LEDs
- Luminous flux: 1'829 @3.200 K with LD filter
- Lux: 690lx @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: Max CCT control range from 2.200K to 15.000K, + / - green correction, tungsten emulation
- White presets: 2,800 K - 10,000K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built pixel macros with adjustable speed

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer and color control
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects
- 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

CONTROL

- Supported Protocols: DMX512, RDM, CRMX + WDMX
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Stand Alone: selectable mode through 3 rotatory knobs
- 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
- Selectable PWM: 600 to 36000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOX1+ENPTWCYCABLE (not included)

BATTERY

- Battery: 11.1V lithium
- Estimated battery life: up to 2 / 6 / 8 / 12 / 18 h (selectable)
- Recharge connection: USB type C
- Recharge time: 2,5h (max)
- Battery level indicator: shown on display

CONNECTIONS

- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Adaptors: USB type C to XLR connectors
- Low Voltage DC connector: USB type C

ELECTRICAL

- Mains power supply: DC 12V
- Max power consumption (230V): 32W
- Power factor: >0,97

PHYSICAL

- IP rating: IP20
- Cooling: fan-free with natural convection
- Housing: Die-cast aluminium
- Finish: black
- Operating temperature: Ta 0 to +45 °C (+32 to +113 °F)
- Dimensions (WxHxD): 150x150x69.5mm / 5.91"x5.91"x2.74"
- Weight: 1,2kg / 2.65lbs

INSTALLATION

- Suspension and fixing: M5 and 1/4" threaded insert for easy installation

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM, cTUVus, FCC

BOX CONTENT

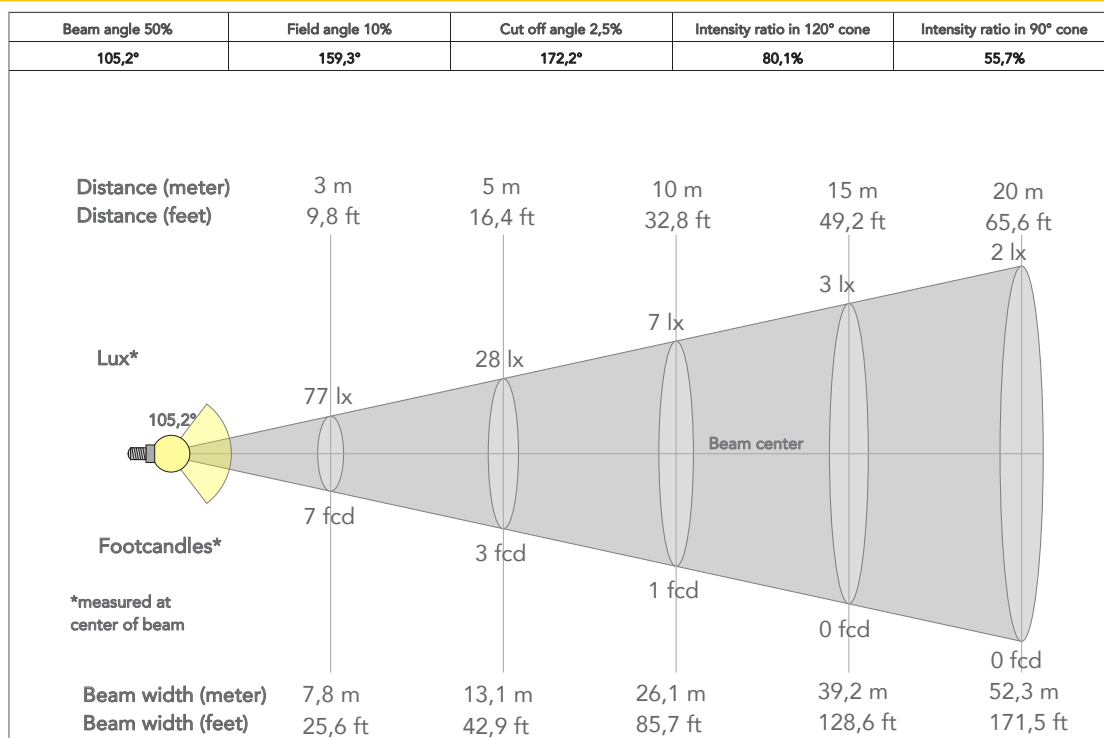
- 1 x ECLNANOPANELTWC
- 1 x battery charger
- User Manual

ACCESSORIES & RELATED PRODUCTS

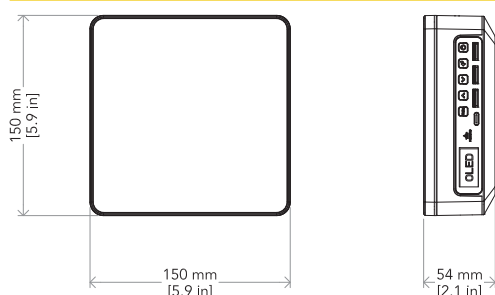
▪ ENPTWCBD	Barn door with 4 directional flaps to adjust the light beam	▪ EST100MAGADP	M10 to M5 adapter to use ENPTWC MAG with ECLNANOPANELTWC and ECLSOFTTUBE100
▪ ENPTWCAS	Fixing system with air sucker for ECLNANOPANELTWC	▪ EST100FY	Tripod for ECLSOFTTUBE100
▪ ENPTWCFILTERINT	Front intensified diffusion filter for ECLNANOPANELTWC	▪ ENPTWCCHARGER	Single charger for ECLNANOPANELTWC
▪ ENPTWCFILTERHD	Front high diffusion filter (less output) for ECLNANOPANELTWC	▪ ENPTWCYCABLE	Y Cable from XLR 5P male, XLR 5P female and USB-C female to USB-C male
▪ ENPTWCFILTERMD	Front medium diffusion filter for ECLNANOPANELTWC	▪ ENPTWCSB	SnapBag for ECLNANOPANELTWC by DoP choice
▪ ENPTWCFILTERLD	Front low diffusion filter (more output) for ECLNANOPANELTWC	▪ ENPTWCSG4SB40	40° SnapGrid for SnapBag for ECLNANOPANELTWC by DoP choice
▪ ENPTWCRMP	Rear metal plate for ECLNANOPANELTWC	▪ PRL-IRC	RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade
▪ ENPTWCSA	Spigot adapter for ECLNANOPANELTWC	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ ENPTWCMP4X1	Metal plate to hold multiple ECLNANOPANELTWC together in a 4X1 linear format	▪ AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE
▪ ENPTWCMP2X2	Metal plate to hold multiple ECLNANOPANELTWC together as a 2X2 matrix	▪ AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
▪ ENPTWCMP2X1	Metal plate to hold multiple ECLNANOPANELTWC together in a 2X1 linear format	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ ENPTWCPAJ	Position articulated joint for ECLNANOPANELTWC	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ ENPTWCPAJSPG	16 mm spigot for ENPTWCPAJ (ECLNANOPANELTWC)		
▪ ENPTWC MAG	Fixing system with magnet for ECLNANOPANELTWC and ECLSOFTTUBE100		
▪ ENPTWC MAGADP	M10 to 1/4" adapter to use ENPTWC MAG with ECLNANOPANELTWC		

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

