EclNanoPanel TWC

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

ORDER CODE: **ECLNANOPANELTWC**

PROLIGHTS

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 pocket-sized fixture has the same colour technology as the other soft lights, producing rich colours, high quality white tones, colour gel matching, and on-board pixel cinema effects. The **EclNanoPanel** TWC has 3 precision encoder, 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 4 sections is controlled individually or simultaneously, allowing to play on-board customizable, cinematic effects through its built-in engine or from a console. **EclNanoPanel** brings ultimate color control: RGBW, RGB, CMY, HSI, XY, RAW Direct, CCT Linear and CCT Presets with +/- green shift, Source emulation and industry-standard Color gels. There are multiple, magnetized beam-shaping optical accessories available, including eggcrates, barndoors, diffusers, etc, and on-board threads for easy mounting on stands or camera rigs. The fixture is controlled from its on-board 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
- 96x0.5W RGB + Warm White LED source, surprisingly powerful 1,800 lumen output.
- Magnetized beam-shaping optical accessories available

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 96x0,5W RGB + Warm White
- Luminous flux: TBDlm
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- Lux: TBDlx
- Lux: TBDlx
- CRI: TBD
- R9: TBD
- TLCI: TBD
- TM30 Rf: TBD
- TM30 Rg: TBD
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle: 102°
- Field angle: 158°
- Lens type: light 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 - 10.000K with 28 K resolution
- 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: 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 policarbonate body
- Body colour: black

CONTROL
- Protocols: W-DMX, 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) not included
- Hibernation: power safe mode when lost DMX
- 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: 38,5 W
- Mains power supply: DC 12V
- Power factor: >0,97

BATTERY
- Battery: lithium
- Estimated battery life: (selectable) 3 h - 6 h - 8 h - 12 h - 18h
- Estimated battery life in colour change mode up to: 12h
- Estimated battery life in single colour mode up to: 12h
- Estimated battery life in full-mode up to: 8h
- Re-charge connection: USB type C
- Re-charge time: 5h/max
- Battery status: shown on display

PHYSICAL
- IP rating: 20
- Cooling: passive cooling and fan-free
- Suspension and fixing: M10 and 1/4" threaded insert for easy installation
- Adaptors: USB type C to XLR connectors
- Data connection: W-DMX transreceiver
- Low Voltage DC connector: USB type C
- Dimensions (WxHxD): 150x150x69,5mm
- Weight: 1,2kg

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

ACCESSORIES & RELATED PRODUCTS

- **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
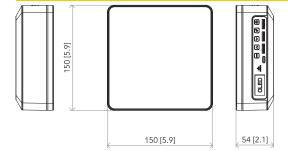- **ENPTWCBD**   Barn door with 4 directional flaps to adjust the light beam
- **ENPTWCFILTERINT**   Front intensified diffusion filter for ECLNANOPANELTWC
- **ENPTWCFILTERHD**   Front high diffusion filter (less output) for ECLNANOPANELTWC
- **ENPTWCFILTERMD**   Front medium diffusion filter for ECLNANOPANELTWC
- **ENPTWCFILTERLD**   Front low diffusion filter (more output) for ECLNANOPANELTWC

TECHNICAL DRAWINGS

150 [5.9]

150 [5.9]

54 [2.1]

CERTIFICATIONS / APPROVALS

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

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