EclNanoPanel TWC

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

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 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).

ECLNPTWCPACK   ECLNANOPANELTWC

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

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: aluminium die-casting
- 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
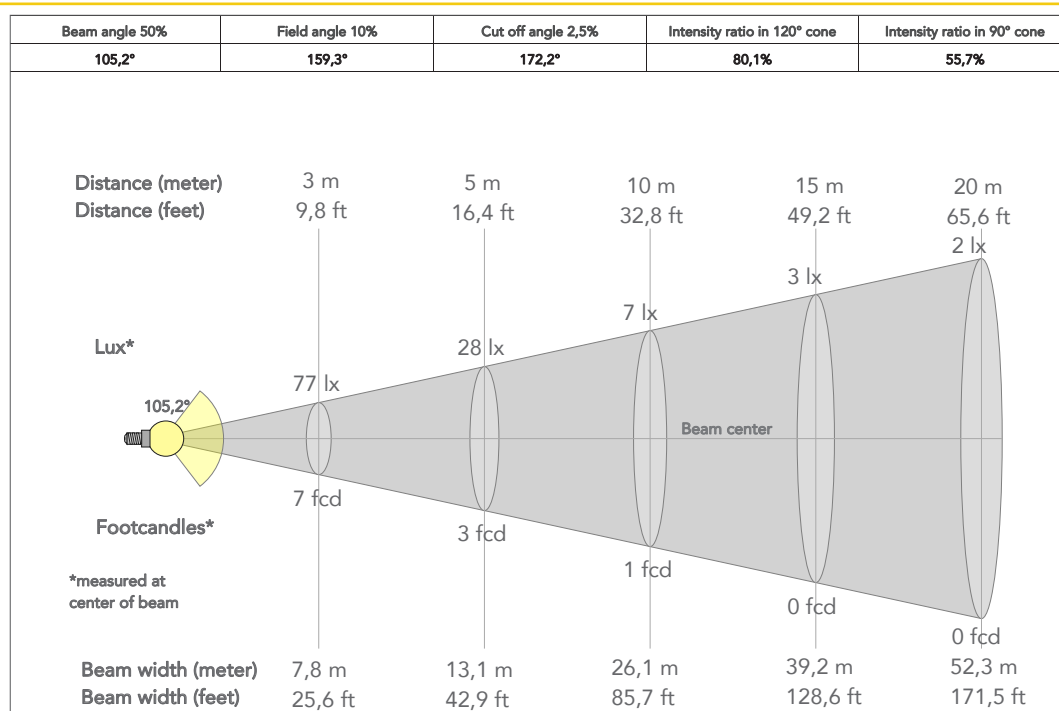- Weight:1,2 kg

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC
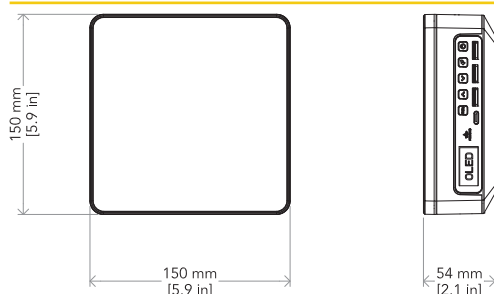
ACCESSORIES & RELATED PRODUCTS

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
ENPTWCSA	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
ENPTWCSB	SnapBag for ECLNANOPANELTWC by DoP choice
ENPTWCSG4SB40	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

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
105,2°	159,3°	172,2°	80,1%	55,7%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft
Lux*	77 lx	28 lx	7 lx	3 lx	2 lx
Footcandles*	7 fcd	3 fcd	1 fcd	0 fcd	0 fcd
Beam width (meter)	7,8 m	13,1 m	26,1 m	39,2 m	52,3 m
Beam width (feet)	25,6 ft	42,9 ft	85,7 ft	128,6 ft	171,5 ft

*measured at center of beam

Beam center

TECHNICAL DRAWINGS

150 mm [5.9 in]
150 mm [5.9 in]
54 mm [2.1 in]

CERTIFICATIONS / APPROVALS

Visit our website for specifications and tech documentations

FC CE UKCA