

EclPanel TWCXL

1.500W Tuneable White and colourful LED soft light with pixels and lighting effects

ORDER CODE: **ECLPANELTWCXL**



The **EclPanel TWCXL** is an ultra-bright LED soft light engineered for large scale Film & TV productions that provides an outstanding soft source of powerful lighting. The PROLIGHTS **EclPanel TWCXL** comes with a full range of white tones, from daylight to tungsten, attaining a superior light quality with high CRI, TLCI, and TM-30 values. The **EclPanel TWCXL** allows for quick and accurate local control through 4 rotatory knobs with three fully-featured modes: CCT with +/- green shift, HSI for total control of hue, saturation and intensity and FX mode to access the pixel cinema effects. Each of the 48 sections has individual control to play the customisable cinema effects or by pixel mapping from an external controller. The unit has an onboard driver, a built-in power supply, a Wireless transceiver for remote DMX and RDM control, and network connectivity (Art-Net, sACN).

MAIN FEATURES

- 1.500W RGB + Warm White LED source
- CRI >93; R9 >95; TLCI >93
- 48 section pixel control and built-in lighting effects for cinema applications, colour gels matching
- Silent operation with multiple fan modes
- Wireless DMX and RDM for wireless control and communication, Ethernet connectivity

ECLPANELTWCXLPACK

- 1 x flight case (FCLPANELXL1U)
- 1 x ECLPANELTWCXL (includes: MD filter EPTWCXLFILTERMD and spigot on-board)
- 1 x HD filter (EPTWCXLFILTERHD)
- 1 x LD filter (EPTWCXLFILTERLD)
- 1 x INT filter (EPTWCXLFILTERINT)
- 1 x 30° egg crate (EPTWCXLEEC30)
- 1 x 60° egg crate (EPTWCXLEEC60)
- 1 x 48 chambers egg crate (EPTWCXLEEC48C)
- 1 x short bracket with spigot (EPTWCXLSB)
- 1 x 1,5 meters power cable (BARE END - 32A NEUTRIK POWERCON TRUE1 IP65)

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 1.500 W RGB + Warm White LED
- Luminous flux: 130'725 lm @3.200 K with LD filter
- Lux: 2'442 lx @5 m full
- CRI: 93,4 @3.200 K; 95,4 @5.600 K
- R9: 95,6 @3.200 K; 95,9 @5.600 K
- TLCI: 93 @5.600 K
- TM30 Rf: 91,9 @3.200 K; 90,3 @5.600 K
- TM30 Rg: 103,5 @3.200 K; 102,5 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 109 °
- Field angle: 158 °
- Lens type: medium 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 1.800K to 20.000K, + / - green correction, tungsten emulation
- White presets: 1.800 K - 20.000 K with 28 K resolution
- Colour wheel: virtual colour wheel with macros
- Macros: Gels library on-board

DYNAMIC EFFECTS

- Control Resolution: 16-bit 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, Art-Net, sACN, W-DMX
- Stand Alone: selectable mode through 4 rotatory knobs
- Pixel control: 48 section control
- Wireless Control: included, LumenRadio 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

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 40.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 1.600 W
- Output (at 230V): 1 units on a single power line
- Power factor: >0,98

PHYSICAL

- IP rating: 20
- Cooling: active, silent operation
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Power connection: 32A Neutrik powerCON TRUE1 IN/OUT connectors
- Low Voltage DC connector: XLR 4p
- Dimensions (WxHxD): 1638x862x144 mm
- Weight: 48,7 kg

CERTIFICATIONS / APPROVALS

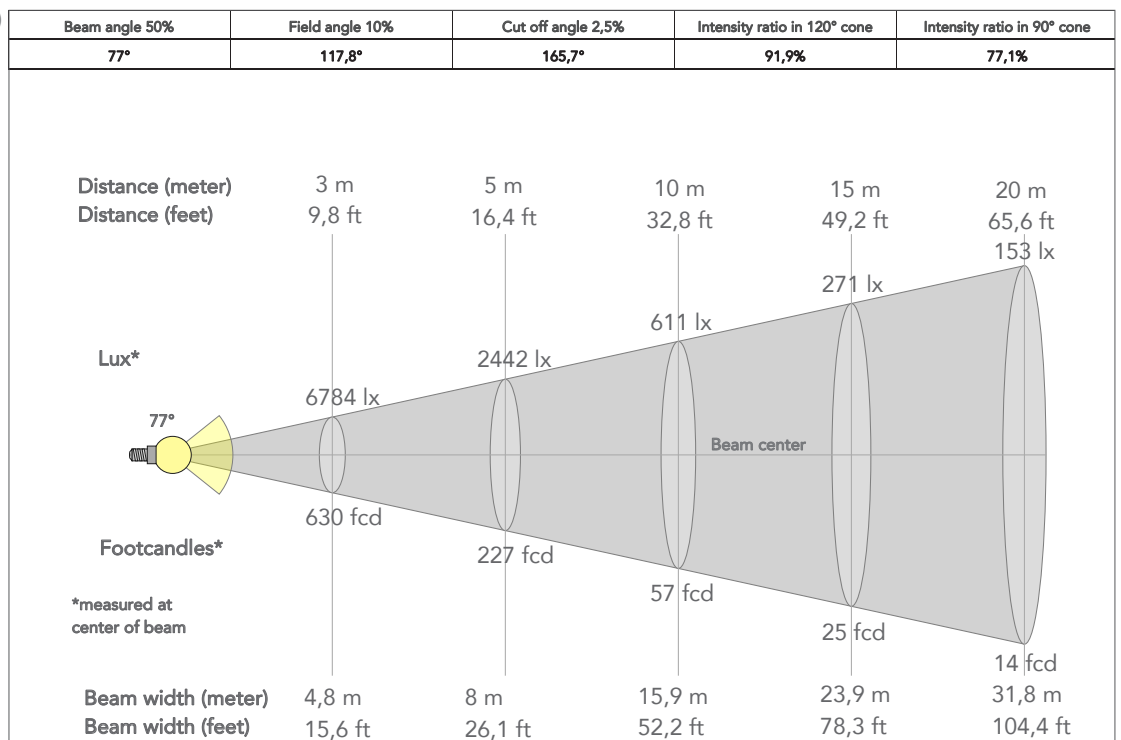
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

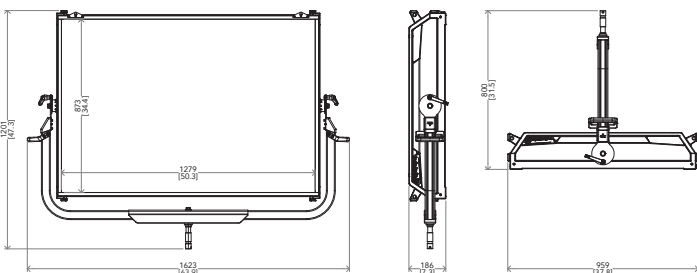
- FCLPANELXL1U Flight case for 1 pc of ECLPANELTWCXL
- EPTWCXLFILTERINT Front intensified diffusion filter for ECLPANELTWCXL
- EPTWCXLFILTERHD Front high diffusion filter (less output) for ECLPANELTWCXL
- EPTWCXLFILTERMD Front medium diffusion filter for ECLPANELTWCXL
- EPTWCXLFILTERLD Front low diffusion filter (more output) for ECLPANELTWCXL
- EPTWCXLECC30 30 degree egg crate for ECLPANELTWCXL
- EPTWCXLECC60 60 degree egg crate for ECLPANELTWCXL
- EPTWCXLECC48C 48 chamber egg crate for ECLPANELTWCXL
- EPTWCXLSB Short bracket for ECLPANELTWCXL
- 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,BIuetooth,G3,G4,G4S,G5,CRMX
- TOUR53415L03 Dmx cable HC5340. CANCEMXX XLR 5p->CANCE5FX XLR (f) 5p, L.3m
- C6040B Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
- C6044B Quick-trigger slim clamp for 28mm spigot, 100 kg load, 40-70 mm tubes, black
- C6046B Aluminum clamp for 28mm spigot, 100kg loa, 40-55mm tubes, black
- RSR0670B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black

PRESET 3.200 K (FILTER INT)

Beam angle 50%: 77°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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

Visit our website
for specifications and
tech documentations

