

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

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 1.500W RGB + Warm White LED
- Luminous flux: 130'725 @3.200 K with LD filter
- Lux: 2'442lx @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 - 20.000K
- Colour wheel: virtual colour wheel with macros
- Macros: Gels library on-board

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer and color control
- Pixel patterns: pre-programmed pixel macros and cinema lighting effects
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

CONTROL

- Supported Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- Pixel control: 48 section control
- RDM: for remote addressing and parameter configuration
- Display: 3.5" with new UI
- Stand Alone: selectable mode through 4 RGB backlight push-encoders

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 600 to 40000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

- Power connection: 32A Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 1.600W
- Output (at 230V): 1 units on a single power line
- Standby power: 110VAC/21W, 230VAC/26W
- Power factor: >0,98

PHYSICAL

- IP rating: IP20
- Cooling: forced-air with low-noise fan
- Housing: Sturdy die-cast aluminium body
- Finish: black
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 1623x1201x186mm / 63.9"x47.28"x7.32"
- Weight: 48,7kg / 107.36lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and positioning

CERTIFICATIONS / REPORTS

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

BOX CONTENT

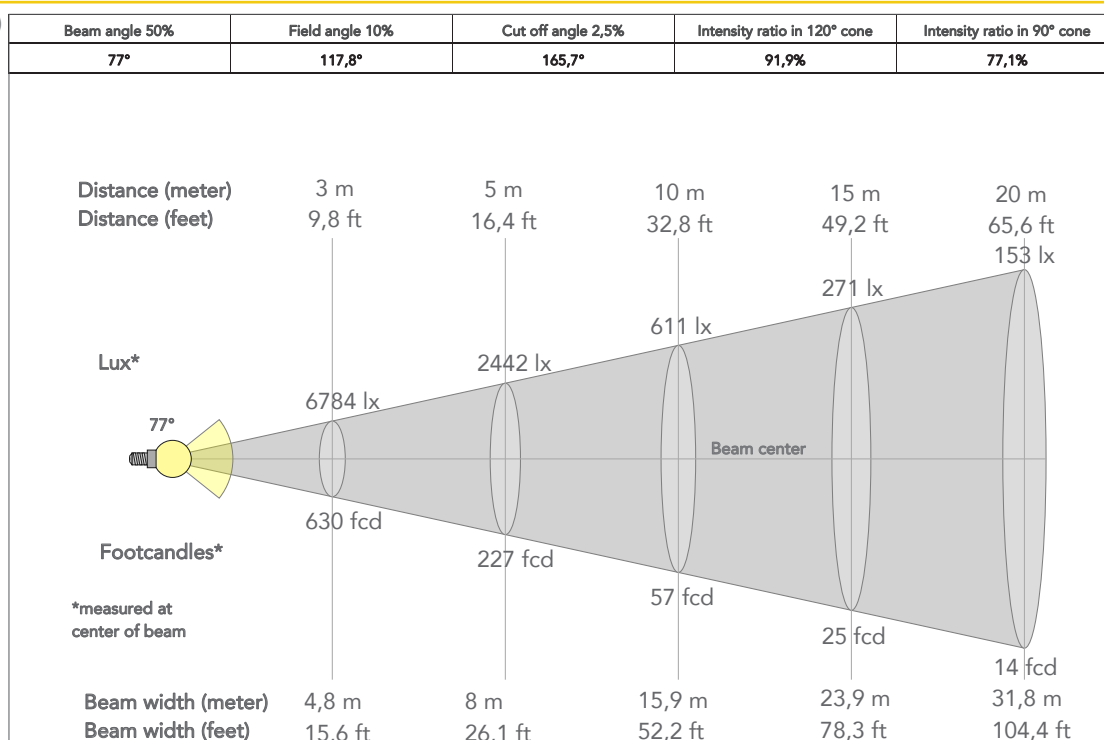
- 1 x ECLPANELTWCXL
- 1 x EPTWCXLSPG
- 1 x 2,5 meters 3G4mmq power cable (BARE END - 32A NEUTRIK POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

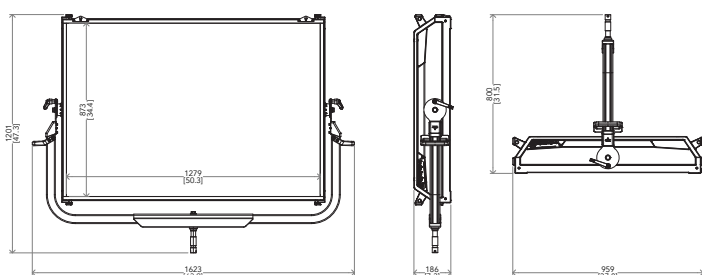
▪ EPTWCXLSPG	Spigot for ECLPANELTWCXL	▪ EPTWCXLSRXL	Fat-Rabbit for ECLPANELTWCXL by DoP choice
▪ FCLPANELXL1U	Flight case for 1 pc of ECLPANELTWCXL	▪ EPSRXLSBRED8	SNAPBAG 8ft DoubleHEX for ECLPANELTWC fat-rabbit (EPTWCXLSRXL)
▪ EPTWCXLFILTERINT	Front intensified diffusion filter for ECLPANELTWCXL	▪ EPSRXLSBRER65	SNAPBAG 6' x 5' for ECLPANELTWC rabbit-ears (EPTWCXLSRXL)
▪ EPTWCXLFILTERHD	Front high diffusion filter (less output) for ECLPANELTWCXL	▪ EPSBRER65SG40	40° SnapGrid, to be mounted on SnapBag 6' x 5' (EPSRXLSBRER65)
▪ EPTWCXLFILTERMD	Front medium diffusion filter for ECLPANELTWCXL	▪ TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
▪ EPTWCXLFILTERLD	Front low diffusion filter (more output) for ECLPANELTWCXL	▪ C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black
▪ EPTWCXLEEC30	30 degree egg crate for ECLPANELTWCXL	▪ C6044B	Quick-trigger slim clamp for 28mm spigot, 100 kg load, 40-70 mm tubes, black
▪ EPTWCXLEEC60	60 degree egg crate for ECLPANELTWCXL	▪ RSR0670B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ EPTWCXLEEC48C	48 chamber egg crate for ECLPANELTWCXL	▪ AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE
▪ EPTWCXLBD	Barn door with 4 directional flaps to adjust the light beam for ECLPANELTWCXL	▪ AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
▪ EPTWCXLPOYO	Pole operated aluminium yoke bracket for ECLPANELTWCXL		
▪ EPTWCXLSB	Short bracket for ECLPANELTWCXL		
▪ EPTWCXLRC	Rain Cover for ECLPANELTWCXL		
▪ MENAC3FCHC	Power-con 32A cable mount straight connector, IN 32A (1P+N+E)		
▪ EPTWCXLSG40	40° SnapGrid, for ECLPANELTWCXL by DoP choice		

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

