

EclPanel TWCJR4x1

230W Tunable White and colourful LED soft light with pixels and lighting effects

ORDER CODE: **ECLPANELTWCJR4X1**



The **EclPanel** TWCJR4x1 is a compact LED linear soft light that provides a beautiful, wide source of soft and precise colours.

In addition to this, the **EclPanel** TWCJR4x1 comes with a full range of white presets, from daylight to tungsten tones, and produces a tremendous output whilst keeping high CRI, TLCI and TM-30 values. The **EclPanel** TWCJR4x1 has 3 precision rotatory knobs, 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.

The 2 sections are controlled individually or simultaneously, allowing to play on-board customizable, cinematic effects through its built-in engine or from a console.

The **EclPanel** TWCJR4x1 has several colour control modes: RGBW, RGB, CMY, HSI, XY, RAW Direct, CCT Linear and CCT Presets with +/- green shift, source emulation and industry-standard colour gels. Despite its lightweight, it has an on-board driver, a built-in power supply, Wireless DMX (CRMX+W-DMX), network connectivity (Art-Net, sACN, Kling-Net) and low voltage inputs (24-36V and 48VDC)

MAIN FEATURES

- 230W RGB + Warm White LED source
- CRI >94; R9 >95; TLCI >92
- 2 section pixel control and built-in lighting effects for cinema applications, colour gel matching
- Silent operation with multiple fan modes
- Wireless DMX (CRMX+W-DMX), Ethernet connectivity, low voltage inputs (24-36V, 48Vdc)

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 230W RGB + Warm White LED
- Luminous flux: 16'260 @3.200 K with LD filter
- Lux: 257lx @5 m full
- CRI: 93 @3.200 K; 94 @5.600 K
- R9: 96 @3.200 K; 94 @5.600 K
- TLCI: 92 @5.600 K
- TM30 Rf: 92 @3.200 K; 90 @5.600 K
- TM30 Rg: 104 @3.200 K; 104 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: 102°
- Field angle: 154°
- 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: Max CCT control range from 2.200K to 15.000K, + / - green correction, tungsten emulation
- White presets: 2.800 K - 10.000K with 28 K resolution
- 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, Art-Net, sACN, W-DMX
- Pixel control: 2 linear section control
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Stand Alone: selectable mode through 3 rotatory knobs

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available

- Strobe / shutter: 1 - 30 Hz, electronic
- Selectable PWM: 600 to 40000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

- Power connection: 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
- Low Voltage DC connector: XLR 3p for 48V and XLR 4p for 24V-36V

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 48Vdc and 24-36V
- Max power consumption (230V): 240W
- Output (at 230V): 9 units on a single power line
- Standby power: 110VAC/8.5W, 230VAC/8.8W
- Power factor: >0,93

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): 819x276x144mm / 32.24"x10.87"x5.67"
- Dimensions with PO system (WxHxD): 836x396x144mm / 32.91"x15.59"x5.67"
- Weight: 10kg / 22.05lbs
- Weight with PO system: 12.3kg / 27.12lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and positioning

CERTIFICATIONS / REPORTS

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

BOX CONTENT

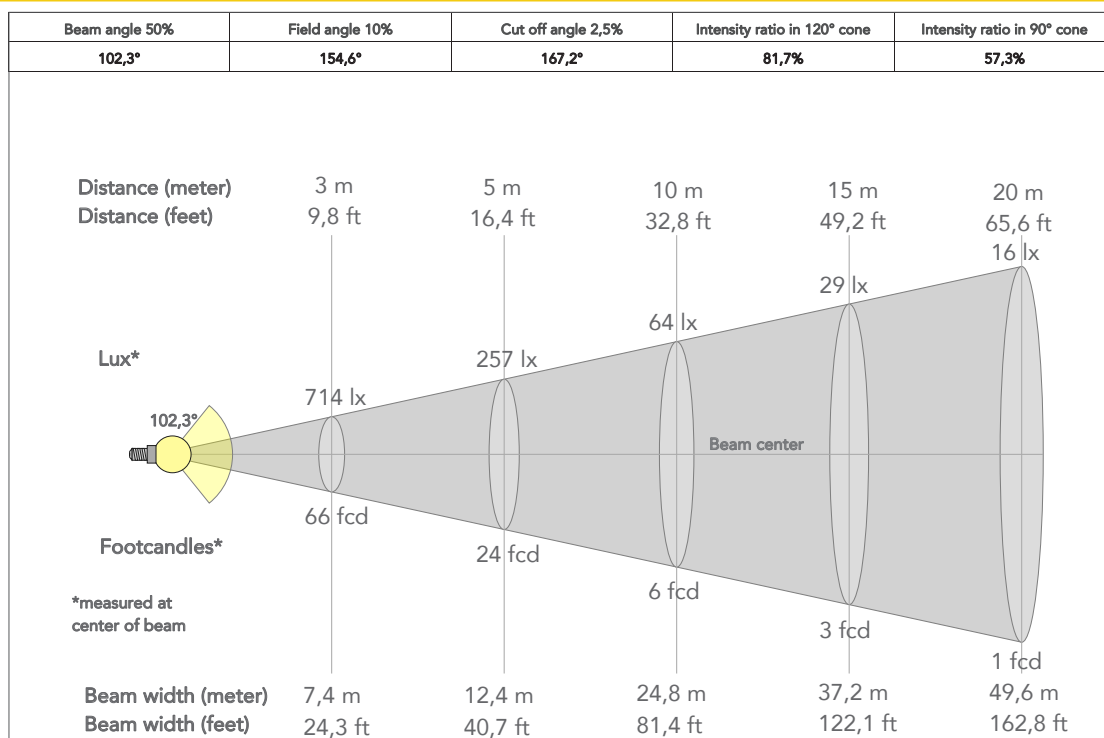
- 1 x ECLPANELTWCJR4X1
- 1 x ECLFRSPG
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

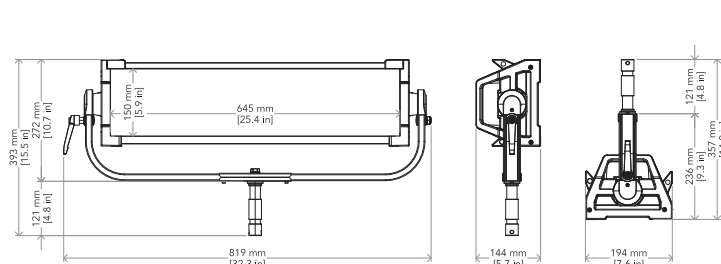
TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FX XLR (f) 5p, L.3m	EPTWCJR4X1FILTHD	Front high diffusion filter (less output) for ECLPANELTWCJR4X1
958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m	EPTWCJR4X1FILTMD	Front medium diffusion filter for ECLPANELTWCJR4X1
9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m	EPTWCJR4X1FILTLD	Front low diffusion filter (more output) for ECLPANELTWCJR4X1
9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m	ECLPANELJR4X1POYO	Pole operated aluminium yoke bracket for ECLPANELTWCJR4X1
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black	EPTWCJR4X1EC30	30 degree egg crate for ECLPANELTWCJR4X1
AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE	EPTWCJR4X1EC60	60 degree egg crate for ECLPANELTWCJR4X1
AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready	EPTWCJR4X1EC4C	4 chamber egg crate for ECLPANELTWCJR4X1
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black	EPTWCJR4X1BD	Barndoor for ECLPANELTWCJR4X1 with 4 directional flaps to adjust the light beam
C6040B	Aluminum clamp for 28mm spigot, 200kg load, 48-51mm tubes, black	EPTWCSBJR41	SnapBag 4x1 for ECLPANELTWCJR4x1 by DoP choice
FCLPANELJR4X13U	Flight case for 3 pcs of ECLPANELTWCJR4X1	EPTWCSG4SBJR4140	40° SnapGrid for SnapBag, 4x1 for ECLPANELTWCJR4x1 by DoP choice
EPTWCBHEAD	Ball head joint for center mount bracket EPTWCBRK series	EPTWCSGJR4140	40° SnapGrid, 4x1 for ECLPANELTWCJR4x1 by DoP choice
EPTWCBRK	Center mount bracket for ECLPANELTWCJR and ECLPANELTWCJM2X1	ECLFRSPG	Spigot for PROLIGHTS Fresnel series
EPTWCJR4X1FILINT	Front intensified diffusion filter for ECLPANELTWCJR4X1	SPGM10	28mm spigot for fixtures, M10 bolt
		SPGM12	28mm spigot for fixtures, M12 bolt
		UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET 3.200 K

Beam angle 50%: MD 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

